

GLH, a private brand established by Yuan Li Hang Industrial Co., Ltd in 1983, is dedicated to manufacturing the excellent quality bearing housing for the worldwide customers. In order to provide more consistent and reliable products, GLH has been certified to ISO for Quality management since 1998. Yuan Li Hang Industrial Co., Ltd., along with its subsidiary Jilihang Machinery Co., Ltd., has an international reputation as a leading manufacturer for bearing housings at many industries such as paper mill, mining, steel, petroleum, conveyer, and many different kinds of industrial applications.

With many years of proficient in manufacturing, GLH has been able to provide its customers with the highest quality products in the shortest lead-time. We believe that GLH is not only your trust and reliable supplier, but also your long-term business partner. Choosing GLH will be your essential strategy to approach absolute advantage and the enduring success.

GLH's product range covers SN/SSN, SNG, SD, CSD, SAF, SDAF, HSDG, HBND, HSPA, 722500, FCM/FC500, THM/TH 500, MSB/SB 500, UCP/UCF/UCFL/UCT/UCFC 200, adapter sleeve, and other customized products.

This catalogue provides detail information about GLH products. We hope it helps you to make proper selection of our products for successful use in your application.

※ There are some counterfeit GLH products on the market. Please be aware of the products that you purchase are from authorized distributors.

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## Materials

The majority of GLH bearing housings are made of grey iron (FC200) as standard. Certain housings are also available in spheroidal graphite iron (ductile iron-FCD450) if higher strength is required, and some types can be delivered in cast steel (SC460).

## Mounting

### Adapter vs. Straight Bore

Usually a ball & roller bearing plunger block assembly is mounted on a straight shaft using a tapered bore bearing and adapter assembly. Standard commercial shafting can be used without additional machining. Adapter mount also permits maximum flexibility in the axial positioning of the bearing on the shaft and will accommodate light locational thrust loads.

Adapter mounted bearing require the correct removal of diametrical clearance from the bearing to prevent relative rotation between inner race and sleeve or shaft. Failure to employ proper mounting procedures can cause heating and reduced bearing performance.

When application conditions produce heavy thrust loads or a need exists for exact axial location or a positive shaft interference fit, a direct straight bore mounting may be the best option. This requires a shouldered shaft, machined for proper fit, and a straight bore bearing.

## Fixed and Float Bearing housing

Any style of GLH bearing housings can easily installed either at the float or fixed position on the shaft. For the fixed position, a Locating Ring is added between the bearing outer face ring and the housing shoulder to positively locate the shaft and prevents axial movement.

Some applications require centering of the bearing in its housing. To accomplish this, two Locating Rings can be ordered.

In the float position, the ring is not used allowing the bearing to move axially to compensate for thermal expansion or contraction of the shaft.

Bearing housings ordered by the numbers in the dimension tables are fixed units. To order float units specify by adding suffix "Float" or "FL" to the bearing housing number.

## Closed End installations

In some applications, the shaft end is designed to terminate inside the bearing housing. For such a design, positive fitting end-closure inserts are available to seal out contaminants and retain lubricant.

## Lubrication

Grease lubrication is generally used where ball and roller bearing operate under normal conditions. Grease has certain advantages by comparison with oil; it is more easily retained in the bearing housings and assists in sealing against the entry of moisture and impurities.

In general the free space in the bearing should be filled with grease (100%) and the free space in the housing only partly filled with grease (30 to 50%). Overfilling causes rapid temperature rise particularly if speeds are high. The normal usage life of the lubricating grease is 6~12 months. Upon expiry all the lubricating grease should be replaced.

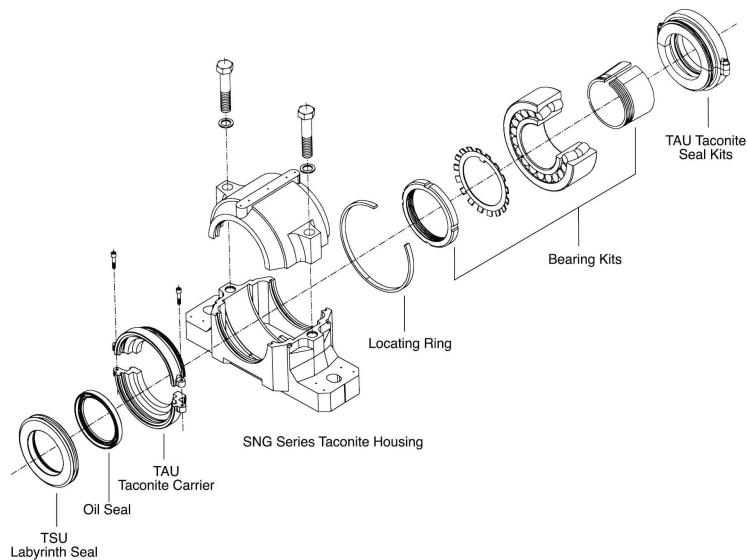
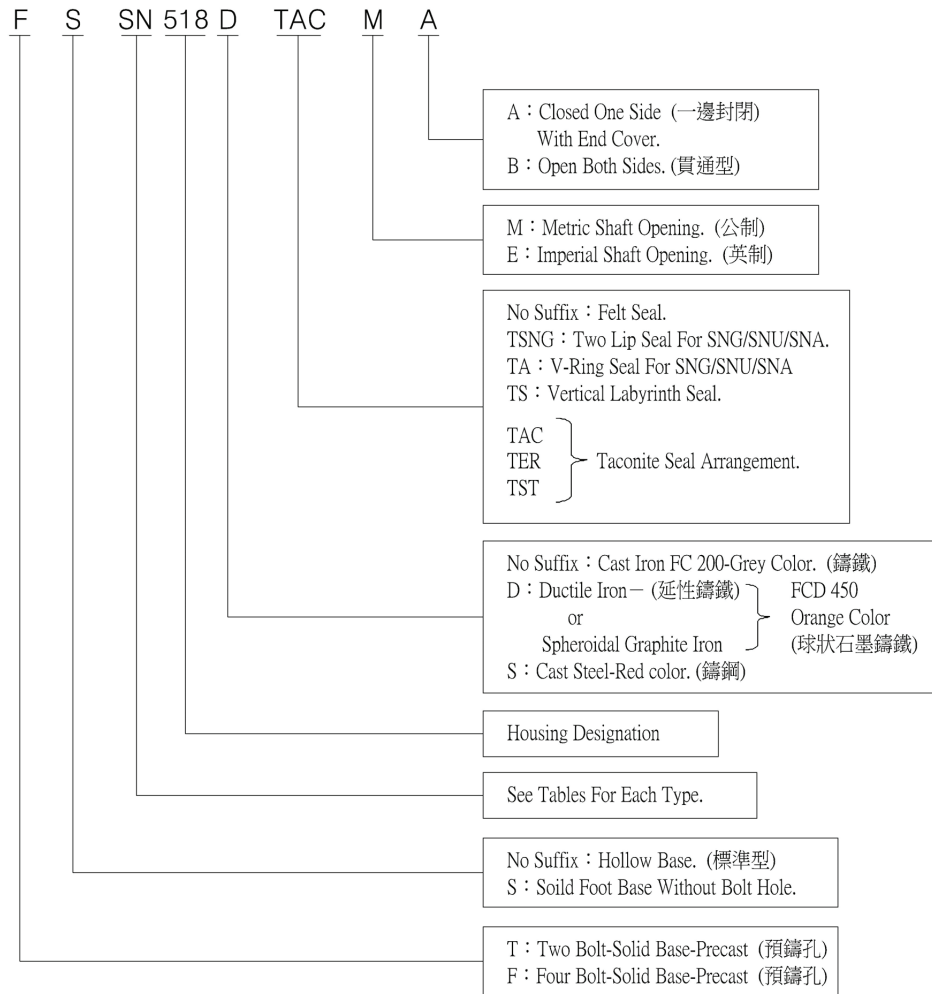
## Seals

GLH bearing housings are supplied with seals

## Load ability

For the permitted load ability or other areas requires, please contact the GLH engineering department.







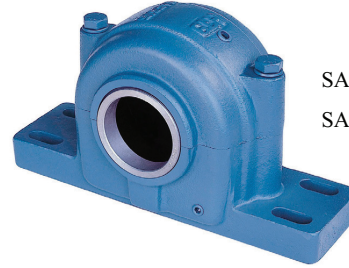
SN 500 & SN 600 Series  
SN 200 & SN 300 Series  
SN 3000 & SN 3100 Series



SNG 500 & SNG 600 Series



SSN 500 & SSN 600 Series  
SSN 200 & SSN 300 Series  
SSN 3000 & SSN 3100 Series



SAF 509-516 Series  
SAF 609-613 Series



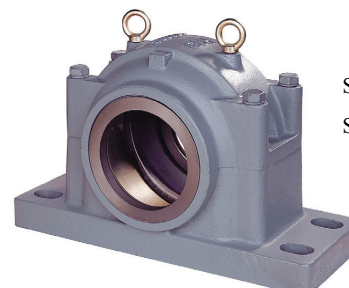
SDAF 3000KA Series  
SDAF 3100KA Series  
SDAF 3200KA Series



SAF 517-544 Series  
SAF 615-640 Series  
SAF 230KA Series



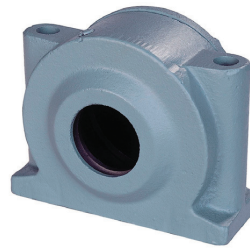
SD 3000 Series  
SD 3100 Series  
SD 3200 Series



SD 500 & SD 600 Series  
SD 3000 Series



TH 500 Series



SB & MSB 500 Series



722500 Series



FC 500 Series

## Pillow



UCP 200 Series



UCFL 200 Series



UCF 200 Series

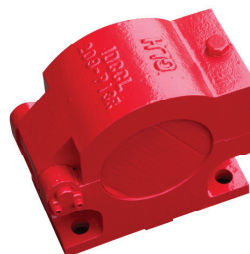


UCT 200 Series

## Customized Product



DIN 505 Series

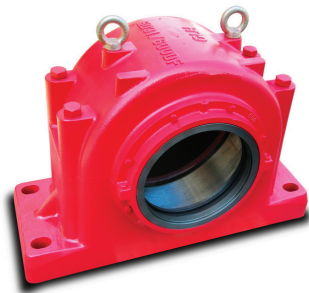


IDCCL 209

Customized Product



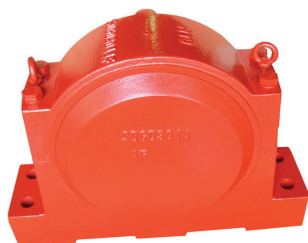
HSPA series



SD 31/600 TAC



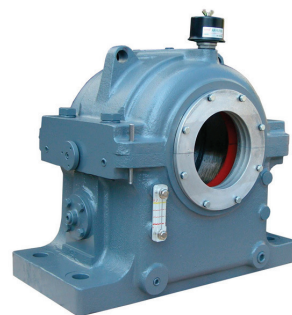
HBND Series



HSDGD 3044



STL 132572



B-30



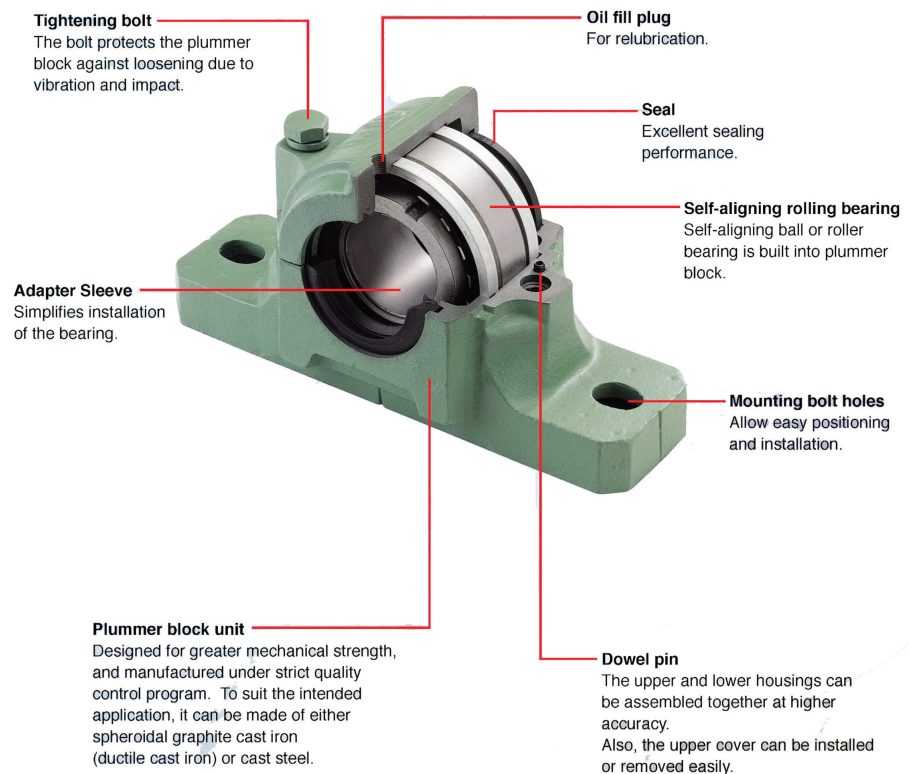
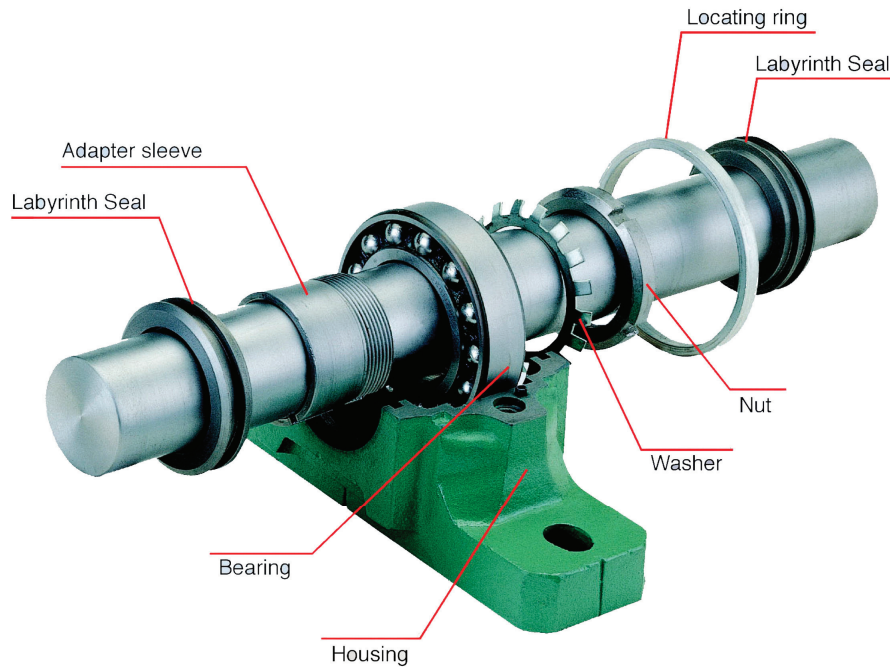
ABSH 23080



863202



P-13





**Material :**
**1.Housing :**

Material	Tensile Strength kgf/mm <sup>2</sup>	Yield Strength kgf/mm <sup>2</sup>	Elongation %	ISO Code	U.S. Code
Cast Iron (鑄鐵)	20	—	—	Grade 200 (FC 200)	ASTM A48 Class No. 30A
Ductile Iron (S.G.) (延性鑄鐵)	45	30	10 Over	Grade 450-10 (FCD 450)	ASTM A536 Grade 65-45-12
Carbon Cast Steel (鑄鋼)	46	23	19 Over	Grade 230-450 (SC 460)	ASTM A27 Grade 65-35

**2.Accessories :**

Name	Part No.	Materials
Felt Strip	FS	80% wool 20% Rayon Density 0.25 g/cm <sup>3</sup>
ZF Seal	ZF	NBR
Locating Ring	SR	Aluminum
TA V-Ring Seal Kits	TA	NBR+Mild Steel Plate
Labyrinth Seal	TS,TSU/LER,PER	Cast Iron / Aluminum
Double Lip Seal	TSNG	TPU
Taconite Carrier	TAC,TAU/TER,TER-OS	Cast Iron / Aluminum
SC Oil Seal	O.S.M	NBR
End Plate	EP	Mild Steel Plate
End Cover	TSA	Cast Iron
End Cover	EPR,EC,ASNA	NBR & Mild Steel Plate

**Tolerance :**

Casting Tolerance	Length	Tolerance
	1mm ~ 100mm	± 1.5mm
	100mm ~ 200mm	± 2.0mm
	200mm ~ 400mm	± 3.0mm
	400mm ~ 800mm	± 4.0mm
	800mm ~ 1600mm	± 5.0mm



## Machine Tolerance :

### 1. Housing Bore (D)

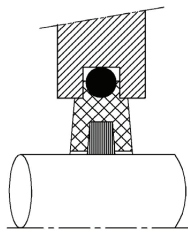
Unit: 0.001mm

Bore Dia.	G7	H7	H8	J7	K7
50.1mm ~ 80mm	+40 +10	+30 -0	+46 -0	+18 -12	+9 -21
80.1mm ~ 120mm	+47 +12	+35 -0	+54 -0	+22 -13	+10 -25
120.1mm ~ 180mm	+54 +14	+40 -0	+63 -0	+26 -14	+12 -28
180.1mm ~ 250mm	+61 +15	+46 -0	+72 -0	+30 -16	+13 -33
250.1mm ~ 315mm	+69 +17	+52 -0	+81 -0	+36 -16	+16 -36
315.1mm ~ 400mm	+75 +18	+57 -0	+89 -0	+39 -18	+17 -40
400.1mm ~ 500mm	+83 +20	+63 -0	+97 -0	+43 -20	+18 -45
500.1mm ~ 630mm	+92 +22	+70 -0	+110 -0	+46 -23	+0 -70
630.1mm ~ 800mm	+104 +24	+80 -0	+125 -0	—	+0 -80
800.1mm ~ 1000mm	+116 +26	+90 -0	+140 -0	—	+0 -90
1000.1mm ~ 1250mm	+133 +28	+105 -0	+165 -0	—	+0 -105

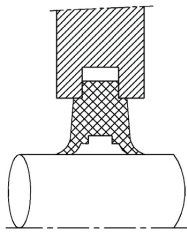
### 2. Except Housing Bore

Unit: 0.001mm

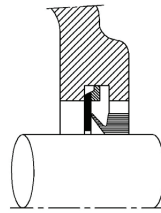
Dimension	js11	H12	H13	h12	h13
10.1mm ~ 18mm	± 55	+180 -0	+270 -0	+0 -180	+0 -270
18.1mm ~ 30mm	± 65	+210 -0	+330 -0	+0 -210	+0 -330
30.1mm ~ 50mm	± 80	+250 -0	+390 -0	+0 -250	+0 -390
50.1mm ~ 80mm	± 95	+300 -0	+460 -0	+0 -300	+0 -460
80.1mm ~ 120mm	± 110	+350 -0	+540 -0	+0 -350	+0 -540
120.1mm ~ 180mm	± 125	+400 -0	+630 -0	+0 -400	+0 -630
180.1mm ~ 250mm	± 145	+460 -0	+720 -0	+0 -460	+0 -720
250.1mm ~ 315mm	± 160	+520 -0	+810 -0	+0 -520	+0 -810
315.1mm ~ 400mm	± 180	+570 -0	+890 -0	+0 -570	+0 -890
400.1mm ~ 500mm	± 200	+630 -0	+970 -0	+0 -630	+0 -970
500.1mm ~ 630mm	—	+700 -0	+1100 -0	+0 -700	+0 -1100



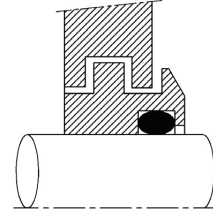
Taconite Seal-TSNC  
For SNG/SNU/SNL



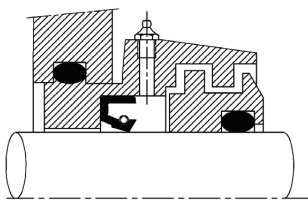
TSNG Seal  
For SNG/SNU/SNL



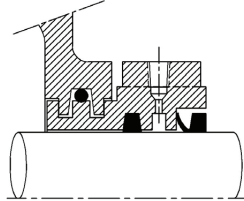
V-Ring Seal-TA  
For SNG/SNU/SNL



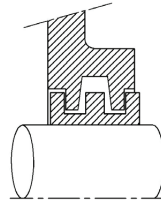
Labyrinth Seal-TSU  
For SNG/SNU/SNL



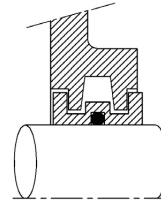
Taconite Seal-TAU  
For SNG/SNU/SNL



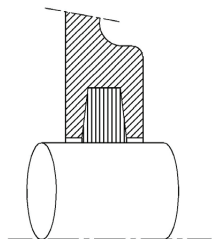
Taconite Seal-TER  
For SAF/SDAF



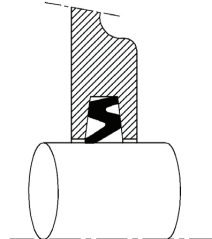
Labyrinth Seal-LER  
For SAF/SDAF



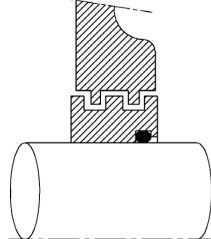
Labyrinth Seal-PER  
For SAF/SDAF



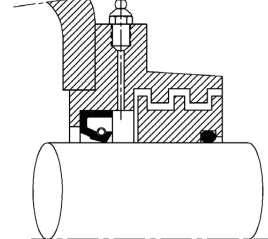
Felt Seal  
For SN/SSN/SD



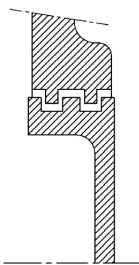
ZF Seal  
For SN/SSN/SD



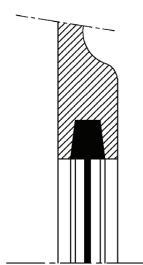
Labyrinth Seal-TS  
For SSN/SD



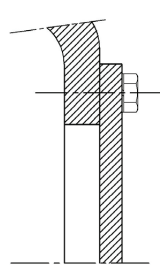
Taconite Seal-TAC  
For SSN/SD



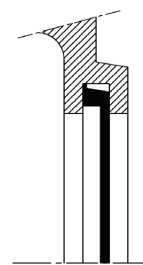
End Cover-TSA  
For SSN/SD



End Cover-EC  
For SN/SSN

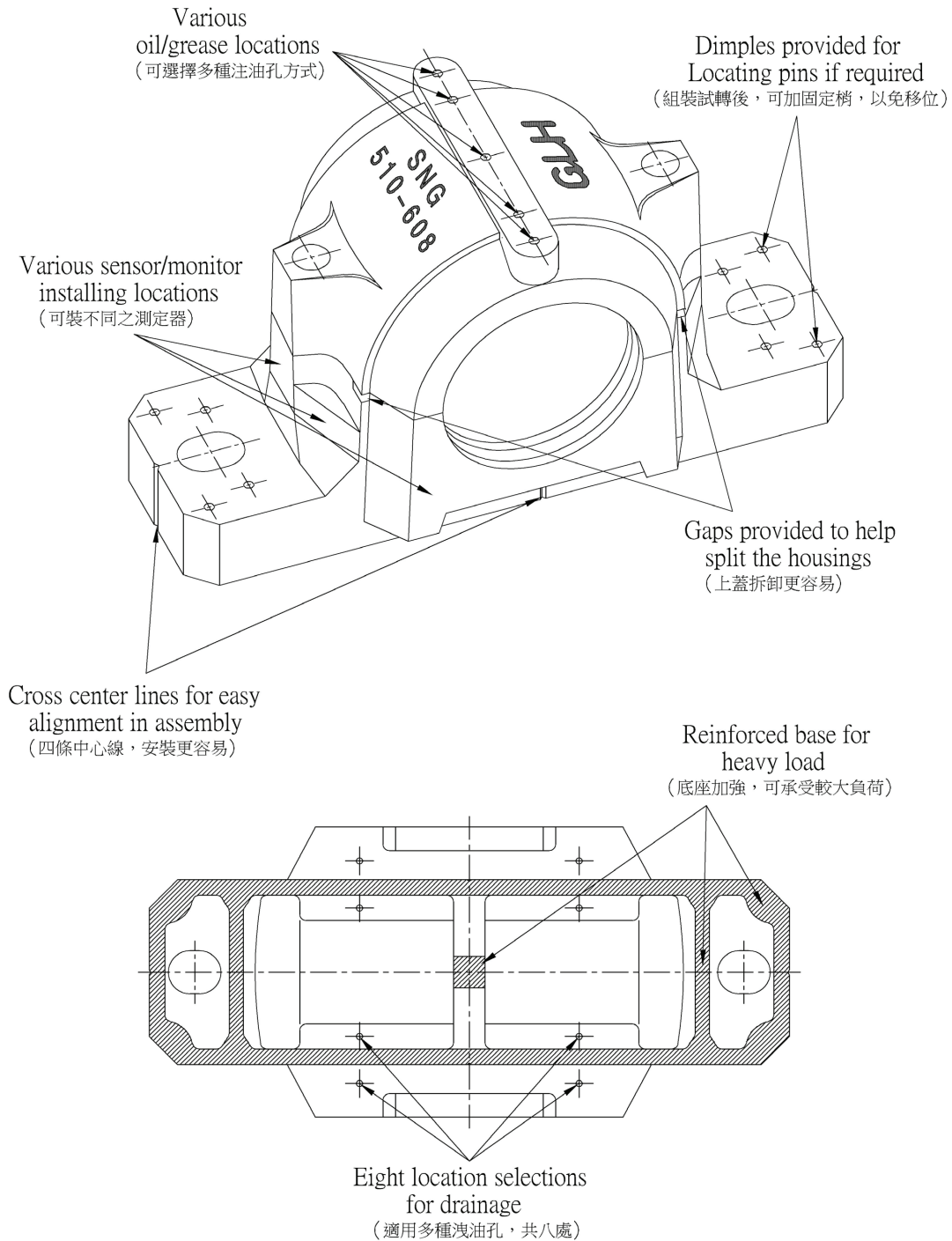


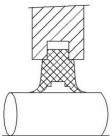
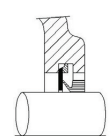
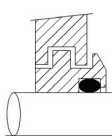
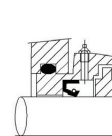
End Cover-EP  
For SSN/SD



End Cover-ASNA  
For SNG/SNU/SNL

INTER-EXCHANGEABLE WITH SNL,SNH,SNU,SNA HOUSING  
(加強多種功能設計，適用 SNL,SNH,SNU,SNA)



						
		TSNG	TSNC	TA	TSU	TAU
Seal Property						
溫度 (Temperature)	°C	+100 -40	+100 -40	+100 -40	+200 -40	+100 -40
轉速 (Peripheral speed)	m/s	<8	<15	<7	<15	<10
可接受偏移度 (Allowed misalignment)	度	0.5~1	<0.5	1~1.5	<0.3	<0.5
重新注油 (Relubricateable)		☆	☆☆	☆☆☆	☆☆☆	☆☆☆☆
摩擦承受 (Friction)		☆☆☆	☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆
軸心偏移 (Axial displacement)		☆☆☆☆	☆☆☆☆	☆	☆☆☆	☆☆☆
垂直安裝 (Vertical installation)		☆☆☆	☆☆	☆☆☆☆	☆☆☆	☆☆
Sealing Ability Against						
防水性 (Spray water)		☆☆☆	☆☆	☆☆	☆	☆☆☆☆
防微塵 (Fine dust)		☆☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆☆
防塵土 (Dust)		☆☆☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆☆
防小砂石 (Rough particle)		☆☆☆	☆☆	☆☆	☆☆☆	☆☆☆☆
防尖銳物 (Sharp particle)		☆☆☆	☆☆☆	☆	☆☆☆☆	☆☆☆☆
防曝曬 (UV resistance)		☆☆☆	☆☆☆☆	☆	☆☆☆☆	☆☆☆☆

非常合適



合適

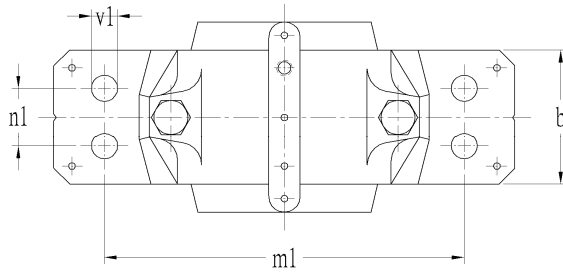


比較不合適



不合適

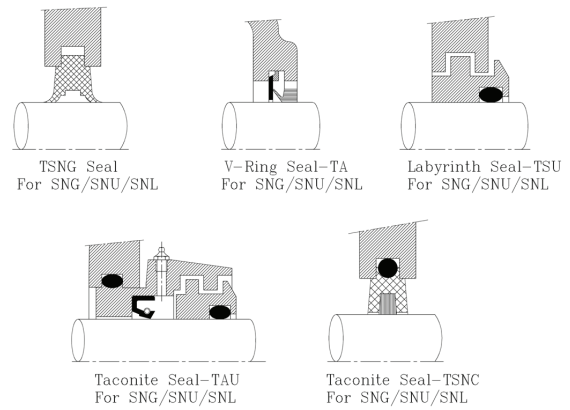




Available For

Four-Bolt Mounting

底座可選擇四個螺栓孔

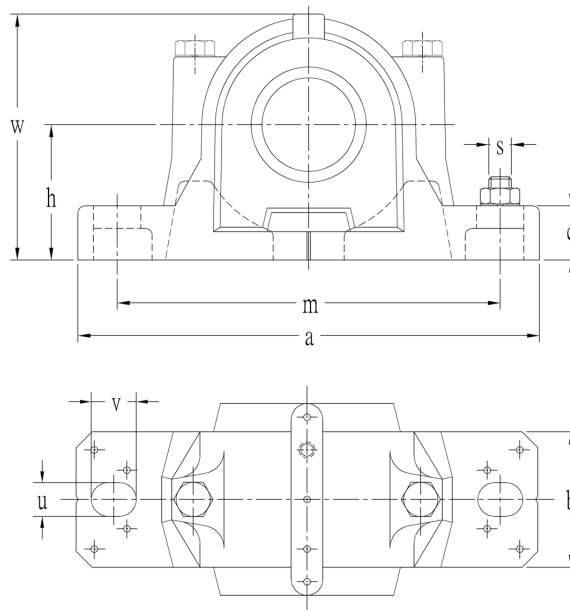


SNG 可使用多種型式之油封(Seal)，如上圖

Unit : mm

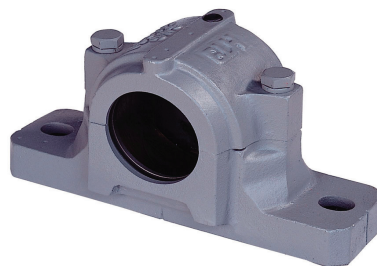
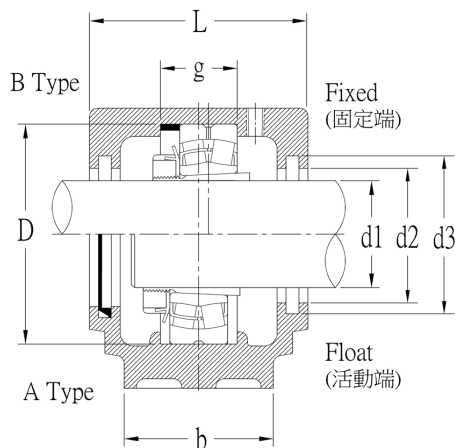
Housing No.	m1	n1	v1	Bolt
FSSNG 507	—	—	—	—
FSSNG 508	160	34	11	M10
FSSNG 509	160	34	11	M10
FSSNG 510	160	34	11	M10
FSSNG 511	200	40	14	M12
FSSNG 512	200	40	14	M12
FSSNG 513	220	48	14	M12
FSSNG 515	220	48	14	M12
FSSNG 516	252	52	18	M16
FSSNG 517	252	52	18	M16
FSSNG 518	280	58	18	M16
FSSNG 519	280	58	18	M16
FSSNG 520	300	66	18	M16
FSSNG 522	320	74	18	M16
FSSNG 524	330	74	18	M16
FSSNG 526	370	80	22	M20
FSSNG 528	400	92	26	M24
FSSNG 530	430	100	26	M24
FSSNG 532	450	100	26	M24

TSNG	TA	TSU	TAU	TSNC
TSNG507	TA 507	TSU 507	TAU 507	TSNC507
TSNG508	TA 508	TSU 508	TAU 508	TSNC508
TSNG509	TA 509	TSU 509	TAU 509	TSNC509
TSNG510	TA 510	TSU 510	TAU 510	TSNC510
TSNG511	TA 511	TSU 511	TAU 511	TSNC511
TSNG512	TA 512	TSU 512	TAU 512	TSNC512
TSNG513	TA 513	TSU 513	TAU 513	TSNC513
TSNG515	TA 515	TSU 515	TAU 515	TSNC515
TSNG 516	TA 516	TSU 516	TAU 516	TSNC516
TSNG 517	TA 517	TSU 517	TAU 517	TSNC517
TSNG518	TA 518	TSU 518	TAU 518	TSNC518
TSNG519	TA 519	TSU 519	TAU 519	TSNC519
TSNG520	TA 520	TSU 520	TAU 520	TSNC520
TSNG522	TA 522	TSU 522	TAU 522	TSNC522
TSNG524	TA 524	TSU 524	TAU 524	TSNC524
TSNG526	TA 526	TSU 526	TAU 526	TSNC526
TSNG528	TA 528	TSU 528	TAU 528	TSNC528
TSNG530	TA 530	TSU 530	TAU 530	TSNC530
TSNG532	TA 532	TSU 532	TAU 532	TSNC532



Housing No.	Shaft Dia. d1			D	a	b	c	g	h	L	w	m	S Bolt
	mm	Inch											
SNG 507-606	30	1 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	72	185	52	22	34	50	82	92	150	M12
SNG 508-607	35	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>8</sub>	80	205	60	25	39	60	85	106	170	M12
SNG 509	40	1 <sup>1</sup> / <sub>2</sub>	1 <sup>9</sup> / <sub>16</sub>	85	205	60	25	30	60	85	109	170	M12
SNG 510-608	45	1 <sup>11</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	90	205	60	25	41	60	90	112	170	M12
SNG 511-609	50	1 <sup>15</sup> / <sub>16</sub>	2	100	255	70	28	44	70	95	127	210	M16
SNG 512-610	55	2 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>16</sub>	110	255	70	30	48	70	105	133	210	M16
SNG 513-611	60	2 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>16</sub>	120	275	80	30	51	80	110	148	230	M16
SNG 515-612	65	2 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	130	280	80	30	56	80	115	154	230	M16
SNG 516-613	70	2 <sup>11</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	140	315	90	32	58	95	120	175	260	M20
SNG 517	75	2 <sup>15</sup> / <sub>16</sub>	3	150	320	90	32	61	95	125	181	260	M20
SNG 518-615	80	3 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	160	345	100	35	65	100	140	192	290	M20
SNG 519-616	85	3 <sup>5</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	170	345	100	35	68	112	145	209	290	M20
SNG 520-617	90	3 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	180	380	110	40	70	112	160	215	320	M24
SNG 522-619	100	3 <sup>15</sup> / <sub>16</sub>	4	200	410	120	45	80	125	175	239	350	M24
SNG 524-620	110	4 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	215	410	120	45	86	140	185	271	350	M24
SNG 526	115	4 <sup>7</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	230	445	130	50	90	150	190	290	380	M24
SNG 528	125	4 <sup>15</sup> / <sub>16</sub>	5	250	500	150	50	98	150	205	302	420	M30
SNG 530	135	5 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>	270	530	160	60	106	160	220	323	450	M30
SNG 532	140	5 <sup>7</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	290	550	160	60	114	170	235	344	470	M30

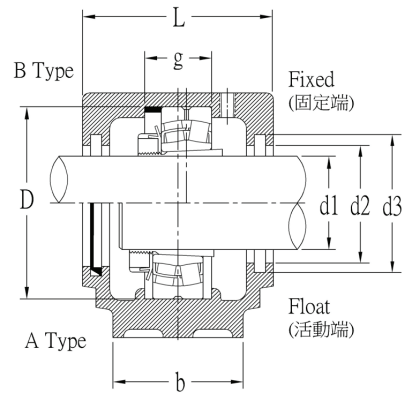
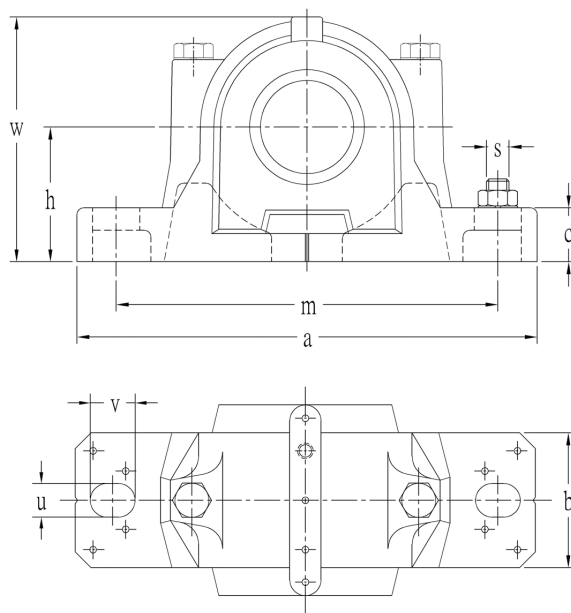




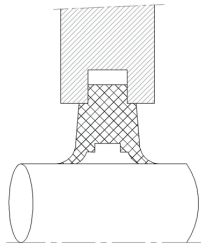
1. 設計裝配時，如果不需使用套筒情況(沒 K)，亦可改變油封型式來配合。

Unit :mm

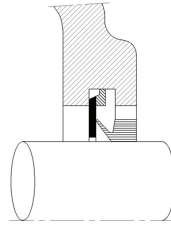
d2	d3	u	v	x	Mass kg	Bearing No.		Adapter Sleeve (Metric)	Locating Ring	
						Self-Alig. Ball	Spherical Roller		Number	Q'ty
46.5	54.5	15	20	25.5	2.2	1207 K 2207 K	---	H 207 H 307	SR 72×8.5 SR 72×5.5	2 2
51.5	59.5	15	20	26.5	2.8	1208 K 2208 K	---	H 208 H 308	SR 80×10.5 SR 80×8	2 2
56.5	64.5	15	20	27.5	3.0	1209 K 2209 K	---	H 209 H 309	SR 85×5.5 SR 85×7	2 1
62	70.5	15	20	28.5	3.1	1210 K 2210 K	---	H 210 H 310	SR 90×10.5 SR 90×9	2 2
67	75.5	18	23	30	4.5	1211 K 2211 K	---	H 211 H 311	SR 100×11.5 SR 100×9.5	2 2
72	80.5	18	23	32	5.0	1212 K 2212 K	---	H 212 H 312	SR 110×13 SR 110×10	2 2
77	85.5	18	24	34.5	6.1	1213 K 2213 K	---	H 213 H 313	SR 120×14 SR 120×10	2 2
87	95.5	18	26	35.5	6.5	1215 K 2215 K	---	H 215 H 315	SR 130×15.5 SR 130×12.5	2 2
92.5	101	22	29	38.5	9.0	1216 K 2216 K	---	H 216 H 316	SR 140×16 SR 140×12.5	2 2
97.5	106	22	30	41	10.2	1217 K 2217 K	---	H 217 H 317	SR 150×16.5 SR 150×12.5	2 2
102.5	111	22	27	43	12.4	1218 K 2218 K ---	---	H 218 H 318 H 2318	SR 160×17.5 SR 160×12.5 SR 160×12.6	2 2 1
131	141	22	27	45.5	13.5	1219 K 2219 K	---	H 219 H 319	SR 170×18 SR 170×12.5	2 2
137.5	147.5	26	32	55.15	17.5	2220 K ---	22220 K 23220 K	H 320 H 2320	SR 180×12 SR 180×9.7	2 1
147.5	157.5	26	32	55.9	20.5	2222 K ---	22222 K 23222 K	H 322 H 2322	SR 200×13.5 SR 200×10.2	2 1
157.5	167.5	26	32	65	25.5	---	22224 K 23224 K	H 3124 H 2324	SR 215×14 SR 215×10	2 1
167.5	177.5	28	35	68	33.0	---	22226 K 23226 K	H 3126 H 2326	SR 230×13 SR 230×10	2 1
177.5	187.5	35	42	73	42.0	---	22228 K 23228 K	H 3128 H 2328	SR 250×15 SR 250×10	2 1
192.5	202.5	35	42	79	53.0	---	22230 K 23230 K	H 3130 H 2330	SR 270×16.5 SR 270×10	2 1
202.5	212.5	35	42	85	55.0	---	22232 K 23232 K	H 3132 H 2332	SR 290×17 SR 290×10	2 1



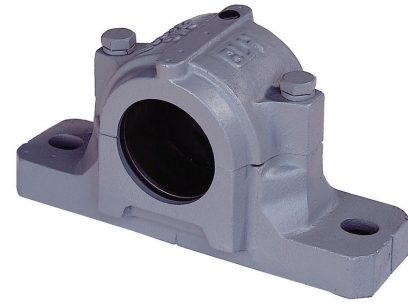
Housing No.	Shaft Dia. d1			D	a	b	c	g	h	L	w	m	S Bolt	u	v
	mm	Inch													
SNG 508-607	30	1 1/8	1 3/16	80	205	60	25	39	60	85	106	170	M12	15	20
SNG 510-608	35	1 5/16	1 3/8	90	205	60	25	41	60	90	112	170	M12	15	20
SNG 511-609	40	1 1/2	1 9/16	100	255	70	28	44	70	95	127	210	M16	18	23
SNG 512-610	45	1 11/16	1 3/4	110	255	70	30	48	70	105	133	210	M16	18	23
SNG 513-611	50	1 15/16	2	120	275	80	30	51	80	110	148	230	M16	18	24
SNG 515-612	55	2 1/8	2 3/16	130	280	80	30	56	80	115	154	230	M16	18	26
SNG 516-613	60	2 1/4	2 5/16	140	315	90	32	58	95	120	175	260	M20	22	29
SNG 518-615	65	2 7/16	2 1/2	160	345	100	35	65	100	140	192	290	M20	22	27
SNG 519-616	70	2 11/16	2 3/4	170	345	100	35	68	112	145	209	290	M20	22	27
SNG 520-617	75	2 15/16	3	180	380	110	40	70	112	160	215	320	M24	26	32
SNG 522-619	85	3 5/16	3 3/8	200	410	120	45	80	125	175	239	350	M24	26	32
SNG 524-620	90	3 7/16	3 1/2	215	410	120	45	86	140	185	271	350	M24	26	32



TSNG Seal  
For SNG/SNU/SNL



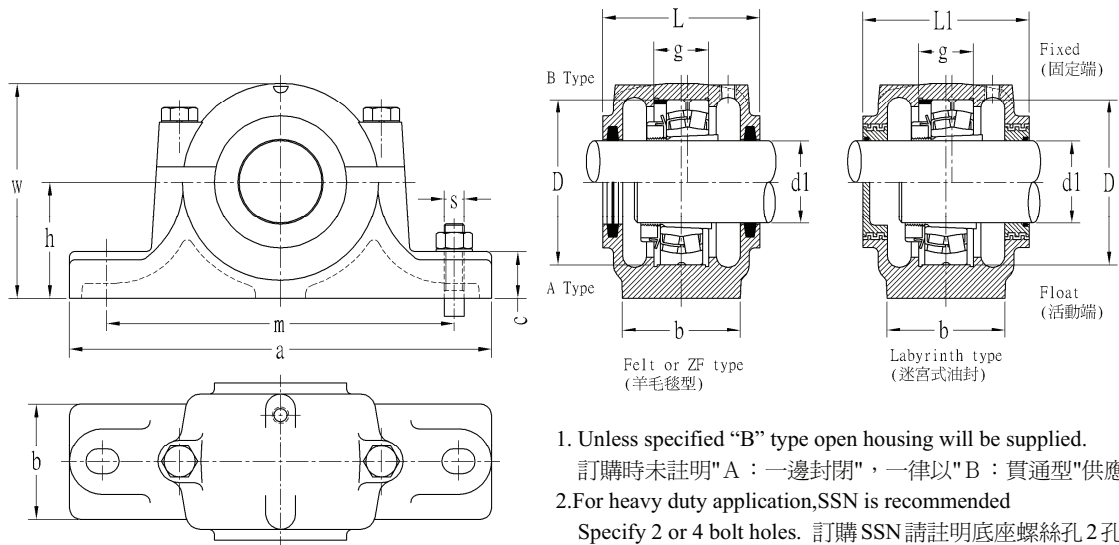
V-Ring Seal-TA  
For SNG/SNU/SNL



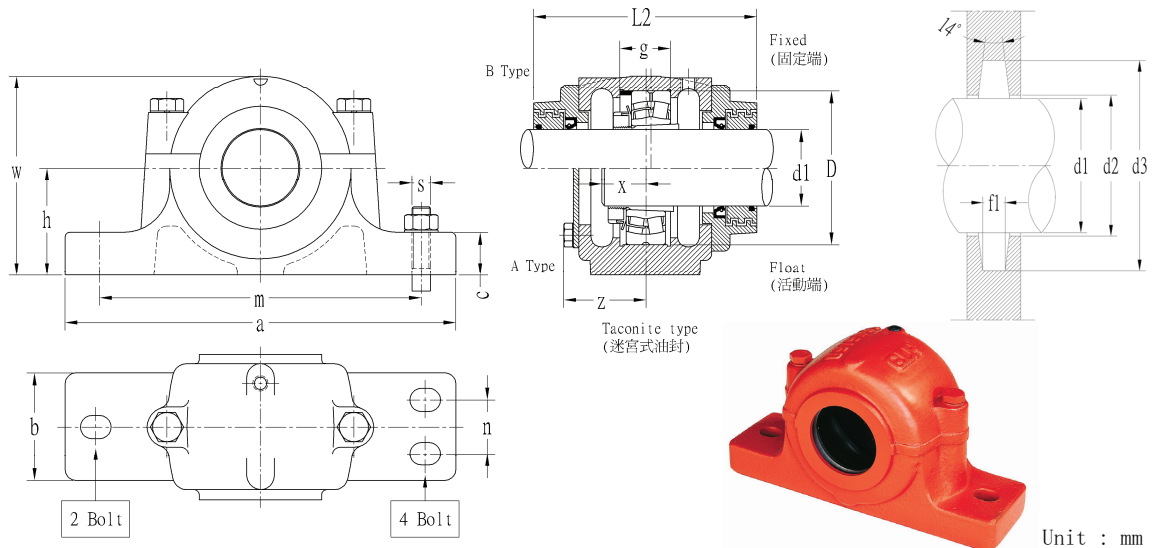
1. SNG 可使用多種型式之油封(Seal)，如上圖
2. 設計裝配時，如果不需使用套筒情況 (沒 K)，亦可改變油封型式來配合。

Unit : mm

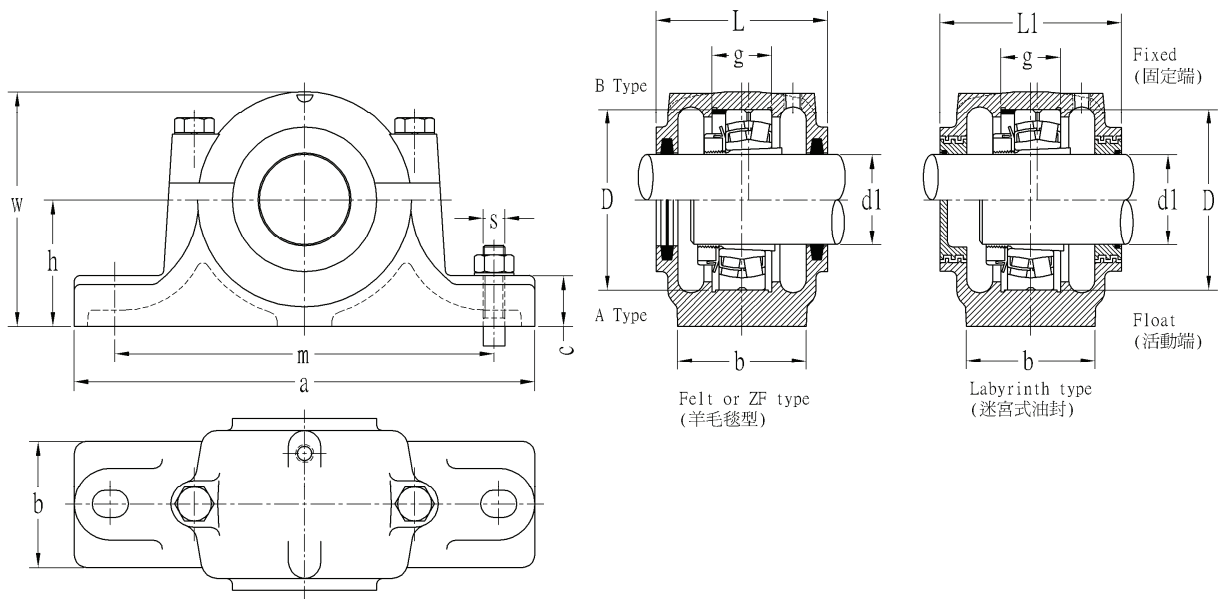
d2	d3	Mass Kg	Bearing No.		Adapter Sleeve (Metric)	Locating Ring		TSNG	TA
			Self-Alig. Ball	Spherical Roller		Number	Q,ty		
51.5	59.5	2.8	1307 K 2307 K	—	H 307 H 2307	SR 80×9 SR 80×8	2 1	TSNG 607	TA 607
62	70.5	3.1	1308 K 2308 K	21308 K 22308 K	H 308 H 2308	SR 90×9 SR 90×8	2 1	TSNG 608	TA 608
67	75.5	4.5	1309 K 2309 K	21309 K 22309 K	H 309 H 2309	SR 100×9.5 SR 100×8	2 1	TSNG 609	TA 609
72	80.5	5.0	1310 K 2310 K	21310 K 22310 K	H 310 H 2310	SR 110×10.5 SR 110×8	2 1	TSNG 610	TA 610
77	85.5	6.1	1311 K 2311 K	21311 K 22311 K	H 311 H 2311	SR 120×11 SR 120×8	2 1	TSNG 611	TA 611
87	95.5	6.5	1312 K 2312 K	21312 K 22312 K	H 312 H 2312	SR 130×12.5 SR 130×10	2 1	TSNG 612	TA 612
92.5	101	9.0	1313 K 2313 K	21313 K 22313 K	H 313 H 2313	SR 140×12.5 SR 140×10	2 1	TSNG 613	TA 613
102.5	111	12.4	1315 K 2315 K	21315 K 22315 K	H 315 H 2315	SR 160×14 SR 160×10	2 1	TSNG 615	TA 615
131	141	13.5	1316 K 2316 K	21316 K 22316 K	H 316 H 2316	SR 170×14.5 SR 170×10	2 1	TSNG 616	TA 616
137.5	147.5	17.5	1317 K 2317 K	21317 K 22317 K	H 317 H 2317	SR 180×14.5 SR 180×10	2 1	TSNG 617	TA 617
147.5	157.5	20.5	1319 K 2319 K	22319 K	H 319 H 2319	SR 200×17.5 SR 200×13	2 1	TSNG 619	TA 619
157.5	167.5	25.5	1320 K 2320 K	22320 K	H 320 H 2320	SR 215×19.5 SR 215×13	2 1	TSNG 620	TA 620



Housing No.	Shaft Dia. d1		D	a	b	c	g	h	L	w	m	n	Z	fl
	mm	Inch												
SN 506	25	1	62	185	52	22	30	50	77	90	150	--	--	4
SN 507	30	1 1/8	72	185	52	22	33	50	82	95	150	--	--	4
SN 508	35	1 1/4	80	205	60	25	33	60	85	110	170	--	--	4
SN SSN 509	40	1 1/2	85	205	60	25	31	60	85	112	170	30	50	4
SN SSN 510	45	1 3/4	90	205	60	25	33	60	90	115	170	30	53	4
SN SSN 511	50	2	100	255	70	28	33	70	95	130	210	35	54	5
SN SSN 512	55	2 1/8	110	255	70	30	38	70	105	135	210	35	62	5
SN SSN 513	60	2 1/4	120	275	80	30	43	80	110	150	230	40	62	5
SN SSN 515	65	2 1/2	130	280	80	30	41	80	115	155	230	40	68	5
SN SSN 516	70	2 3/4	140	315	90	32	43	95	120	175	260	50	68	6
SN SSN 517	75	3	150	320	90	32	46	95	125	185	260	50	70	6
SN SSN 518	80	3 1/4	160	345	100	35	62.4	100	145	195	290	50	81	6
SN 519	85	--	170	345	100	35	53	112	140	210	290	--	--	6
SN SSN 520	90	3 1/2	180	380	110	40	70.3	112	160	218	320	60	90	7
SN SSN 522	100	4	200	410	120	45	80	125	175	240	350	70	92	8
SN SSN 524	110	4 1/4	215	410	120	45	86	140	185	270	350	70	95	8
SN SSN 526	115	4 1/2	230	445	130	50	90	150	190	290	380	70	100	8
SN SSN 528	125	5	250	500	150	50	98	150	205	305	420	80	108	9
SN SSN 530	135	5 1/4	270	530	160	60	106	160	220	325	450	90	113	9
SN SSN 532	140	5 1/2	290	550	160	60	114	170	235	345	470	90	122	10

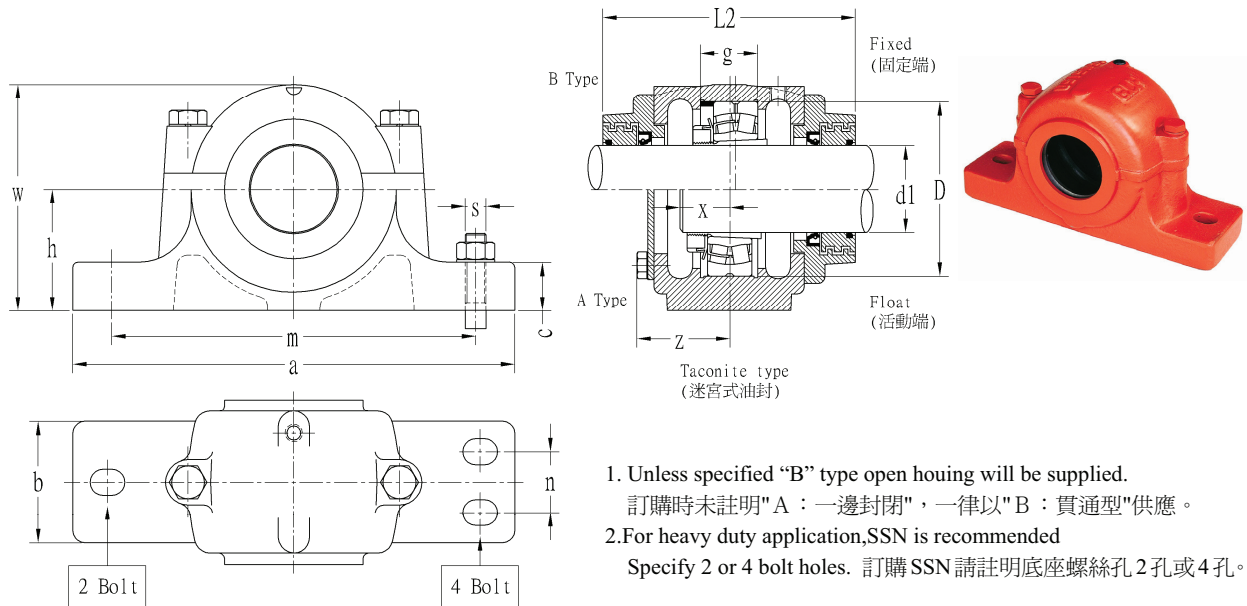


d2	d3	X	L1	L2	S		Bearing No.		Adapter Sleeve		Locating Ring	
					2 Bolt	4 Bolt	Self-Alig. Ball	Spherical Roller	Metric	Imperial	Number	Q.ty
26.5	38	22	--	--	M12	--	1206 K 2206 K	22206 K	H 206 H 306	HE 206 HE 306	SR 62×7 SR 62×10	2 1
31.5	43	24	--	--	M12	--	1207 K 2207 K	22207 K	H 207 H 307	HE 207 HE 307	SR 72×8 SR 72×10	2 1
36.5	48	26	--	--	M12	--	1208 K 2208 K	22208 K	H 208 H 308	HE 208 HE 308	SR 80×7.5 SR 80×10	2 1
41.5	53	28	90	144	M12	M10	1209 K 2209 K	22209 K	H 209 H 309	HE 209 HE 309	SR 85×6 SR 85×8	2 1
46.5	58	28	95	150	M12	M10	1210 K 2210 K	22210 K	H 210 H 310	HE 210 HE 310	SR 90×6.5 SR 90×10	2 1
51.5	67	30	100	160	M16	M12	1211 K 2211 K	22211 K	H 211 H 311	HE 211 HE 311	SR 100×6 SR 100×8	2 1
56.5	72	32	110	172	M16	M12	1212 K 2212 K	22212 K	H 212 H 312	HE 212 HE 312	SR 110×8 SR 110×10	2 1
62	77	36	115	172	M16	M12	1213 K 2213 K	22213 K	H 213 H 313	HE 213 HE 313	SR 120×10 SR 120×12	2 1
67	82	38	120	182	M16	M12	1215 K 2215 K	22215 K	H 215 H 315	HE 215 HE 315	SR 130×8 SR 130×10	2 1
72	89	40	125	184	M20	M16	1216 K 2216 K	22216 K	H 216 H 316	HE 216 HE 316	SR 140×8.5 SR 140×10	2 1
77	94	42	130	184	M20	M16	1217 K 2217 K	22217 K	H 217 H 317	HE 217 HE 317	SR 150×9 SR 150×10	2 1
82	99	50	150	204	M20	M16	1218 K 2218 K	22218 K 23218 K	H 218 H 318 H 2318	HE 218 HE 318 HE 2318	SR 160×16.2 SR 160×11.2 SR 160×10	2 2 1
87	104	52	--	--	M20	--	1219 K 2219 K	22219 K	H 219 H 319	HE 219 HE 319	SR 170×10.5 SR 170×10	2 1
92	111	54	165	224	M24	M16	2220 K	22220 K 23220 K	H 320 H 2320	HE 320 HE 2320	SR 180×12.1 SR 180×10	2 1
102	125	60	180	232	M24	M16	2222 K	22222 K 23222 K	H 322 H 2322	HE 322 HE 2322	SR 200×13.5 SR 200×10	2 1
113	135	64	190	248	M24	M16	--	22224 K 23224 K	H 3124 H 2324	HE 3124 HE 2324	SR 215×14 SR 215×10	2 1
118	140	64	195	268	M24	M20	--	22226 K 23226 K	H 3126 H 2326	HE 3126 HE 2326	SR 230×13 SR 230×10	2 1
128	154	70	210	286	M30	M24	--	22228 K 23228 K	H 3128 H 2328	HE 3128 HE 2328	SR 250×15 SR 250×10	2 1
138	164	76	225	304	M30	M24	--	22230 K 23230 K	H 3130 H 2330	HE 3130 HE 2330	SR 270×16.5 SR 270×10	2 1
143	173	80	240	320	M30	M24	--	22232 K 23232 K	H 3132 H 2332	HE 3132 HE 2332	SR 290×17 SR 290×10	2 1



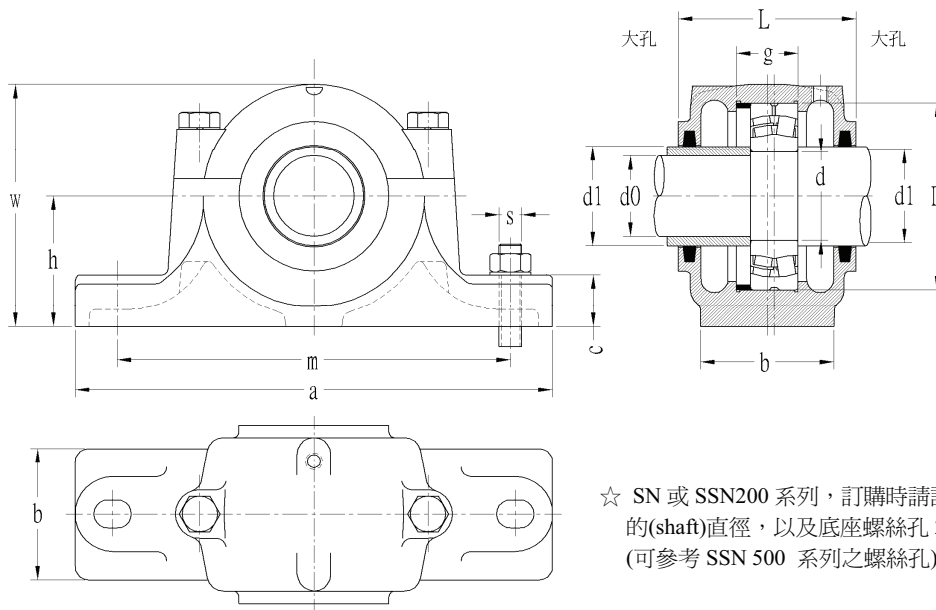
Housing No.	Shaft Dia. d1		D	a	b	c	g	h	L	w	m	n	Z
	mm	Inch											
SN SSN 607	30	1 <sup>1</sup> / <sub>8</sub>	80	205	60	25	41	60	90	110	170	--	--
SN SSN 608	35	1 <sup>1</sup> / <sub>4</sub>	90	205	60	25	43	60	95	115	170	--	--
SN SSN 609	40	1 <sup>1</sup> / <sub>2</sub>	100	255	70	28	46	70	105	130	210	--	--
SN SSN 610	45	1 <sup>3</sup> / <sub>4</sub>	110	255	70	30	50	70	115	135	210	--	--
SN SSN 611	50	2	120	275	80	30	53	80	120	150	230	40	69
SN SSN 612	55	2 <sup>1</sup> / <sub>8</sub>	130	280	80	30	56	80	125	155	230	40	69
SN SSN 613	60	2 <sup>1</sup> / <sub>4</sub>	140	315	90	32	58	95	130	175	260	50	74
SN SSN 615	65	2 <sup>1</sup> / <sub>2</sub>	160	345	100	35	65	100	140	195	290	50	79
SN SSN 616	70	2 <sup>3</sup> / <sub>4</sub>	170	345	100	35	68	112	145	212	290	50	79
SN SSN 617	75	3	180	380	110	40	70	112	155	218	320	60	89
SN SSN 618	80	3 <sup>1</sup> / <sub>4</sub>	190	400	110	33	74	112	160	230	320	60	92
SN SSN 619	85	--	200	420	120	36	77	125	170	245	350	70	--
SN SSN 620	90	3 <sup>1</sup> / <sub>2</sub>	215	420	120	38	83	140	175	280	350	70	97
SN SSN 622	100	4	240	460	130	40	90	150	190	300	390	70	109
SN SSN 624	110	4 <sup>1</sup> / <sub>4</sub>	260	540	160	50	96	160	205	325	450	90	114
SN SSN 626	115	4 <sup>1</sup> / <sub>2</sub>	280	560	160	50	103	170	215	350	470	90	118
SN SSN 628	125	5	300	630	170	55	112	180	235	375	520	90	128
SN SSN 630	135	5 <sup>1</sup> / <sub>4</sub>	320	680	180	55	118	190	245	395	560	90	134
SN SSN 632	140	5 <sup>1</sup> / <sub>2</sub>	340	710	190	60	124	200	255	415	580	100	139





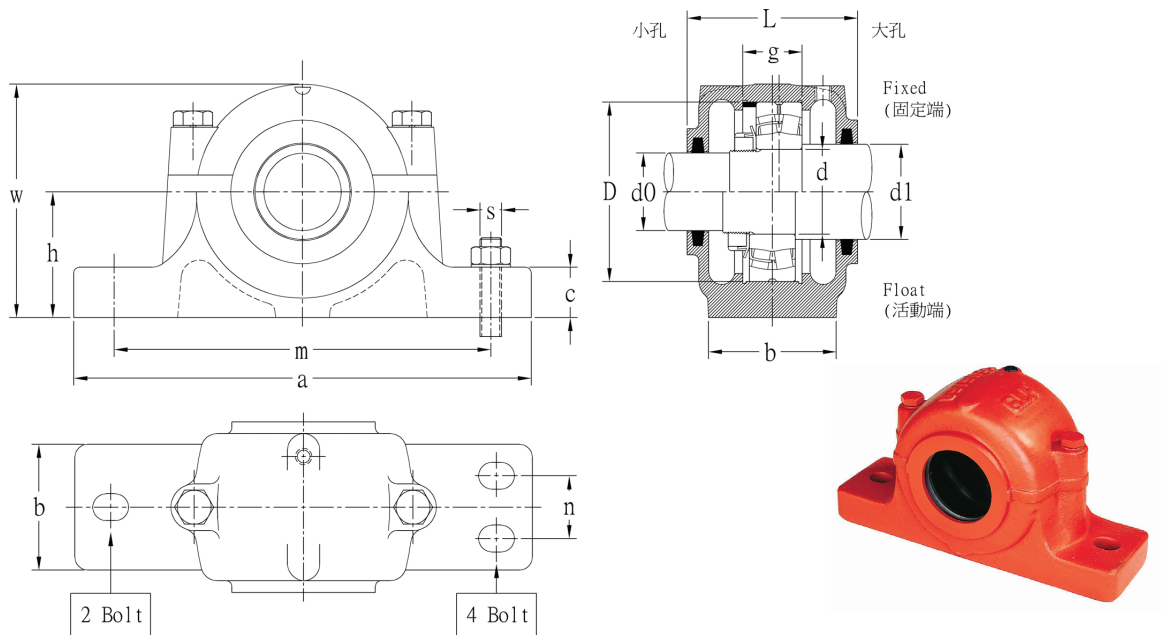
Unit:mm

X	L1	L2	S		Bearing No.		Adapter Sleeve		Locating Ring	
			2 Bolt	4 Bolt	Self-Alig. Ball	Spherical Roller	Metric	Imperial	Number	Q,ty
32	95	--	M12	--	1307 K 2307 K	--	H 307 H 2307	HE 307 HE 2307	SR 80×10 SR 80×10	2 1
34	100	--	M12	--	1308 K 2308 K	21308 K 22308 K	H 308 H 2308	HE 308 HE 2308	SR 90×10 SR 90×10	2 1
36	110	--	M16	--	1309 K 2309 K	21309 K 22309 K	H 309 H 2309	HE 309 HE 2309	SR 100×10.5 SR 100×10	2 1
39	120	--	M16	--	1310 K 2310 K	21310 K 22310 K	H 310 H 2310	HE 310 HE 2310	SR 110×11.5 SR 110×10	2 1
40	125	185	M16	M12	1311 K 2311 K	21311 K 22311 K	H 311 H 2311	HE 311 HE 2311	SR 120×12 SR 120×10	2 1
44	130	185	M16	M12	1312 K 2312 K	21312 K 22312 K	H 312 H 2312	HE 312 HE 2312	SR 130×12.5 SR 130×10	2 1
46	135	200	M20	M16	1313 K 2313 K	21313 K 22313 K	H 313 H 2313	HE 313 HE 2313	SR 140×12.5 SR 140×10	2 1
51	145	210	M20	M16	1315 K 2315 K	21315 K 22315 K	H 315 H 2315	HE 315 HE 2315	SR 160×14 SR 160×10	2 1
52	150	210	M20	M16	1316 K 2316 K	21316 K 22316 K	H 316 H 2316	HE 316 HE 2316	SR 170×14.5 SR 170×10	2 1
56	160	220	M24	M16	1317 K 2317 K	21317 K 22317 K	H 317 H 2317	HE 317 HE 2317	SR 180×14.5 SR 180×10	2 1
58	165	225	M24	M16	1318 K 2318 K	22318 K	H 318 H 2318	HE 318 HE 2318	SR 190×15.5 SR 190×10	2 1
60	175	235	M24	M16	1319 K 2319 K	22319 K	H 319 H 2319	HE 319 HE 2319	SR 200×16 SR 200×10	2 1
64	180	240	M24	M16	1320 K 2320 K	22320 K	H 320 H 2320	HE 320 HE 2320	SR 215×18 SR 215×10	2 1
69	195	258	M24	M16	1322 K 2322 K	22322 K	H 322 H 2322	HE 322 HE 2322	SR 240×20 SR 240×10	2 1
73	210	280	M30	M20	--	22324 K	H 2324	HE 2324	SR 260×10	1
77	220	300	M30	M20	--	22326 K	H 2326	HE 2326	SR 280×10	1
83	240	320	M30	M20	--	22328 K	H 2328	HE 2328	SR 300×10	1
88	250	340	M30	M20	--	22330 K	H 2330	HE 2330	SR 320×10	1
93	260	350	M36	M24	--	22332 K	H 2332	HE 2332	SR 340×10	1



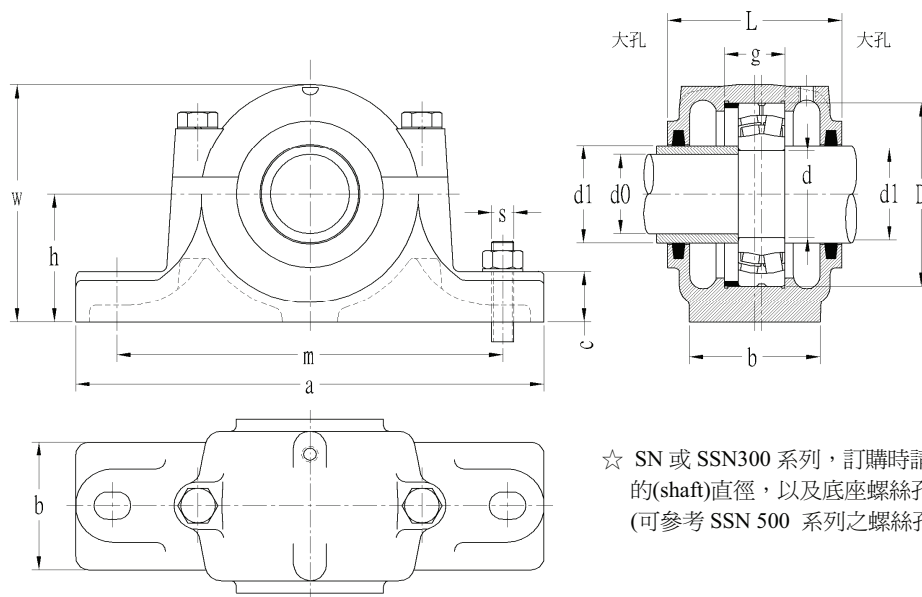
☆ SN 或 SSN200 系列，訂購時請註明大小孔 d0 和 d1 的(shaft)直徑，以及底座螺絲孔 2 孔或 4 孔 (可參考 SSN 500 系列之螺絲孔)。

Housing No.	Shaft Dia. d1			D	a	b	c	g	h	L	w	m	n
	d	d0	d1										
SN 207	35	30	45	72	185	52	22	33	50	82	95	150	--
SN 208	40	35	50	80	205	60	25	33	60	85	110	170	--
SN SSN 209	45	40	55	85	205	60	25	31	60	85	112	170	30
SN SSN 210	50	45	60	90	205	60	25	33	60	90	115	170	30
SN SSN 211	55	50	65	100	255	70	28	33	70	95	130	210	35
SN SSN 212	60	55	70	110	255	70	30	38	70	105	135	210	35
SN SSN 213	65	60	75	120	275	80	30	43	80	110	150	230	40
SN SSN 215	75	65	85	130	280	80	30	41	80	115	155	230	40
SN SSN 216	80	70	90	140	315	90	32	43	95	120	175	260	50
SN SSN 217	85	75	95	150	320	90	32	46	95	125	185	260	50
SN SSN 218	90	80	100	160	345	100	35	62.4	100	145	195	290	50
SN SSN 220	100	90	115	180	380	110	40	70.3	112	160	218	320	60
SN SSN 222	110	100	125	200	410	120	45	80	125	175	240	350	70
SN SSN 224	120	110	135	215	410	120	45	86	140	185	270	350	70
SN SSN 226	130	115	145	230	445	130	50	90	150	190	290	380	70
SN SSN 228	140	125	155	250	500	150	50	98	150	205	305	420	80
SN SSN 230	150	135	165	270	530	160	60	106	160	220	325	450	90
SN SSN 232	160	140	175	290	550	160	60	114	170	235	345	470	90



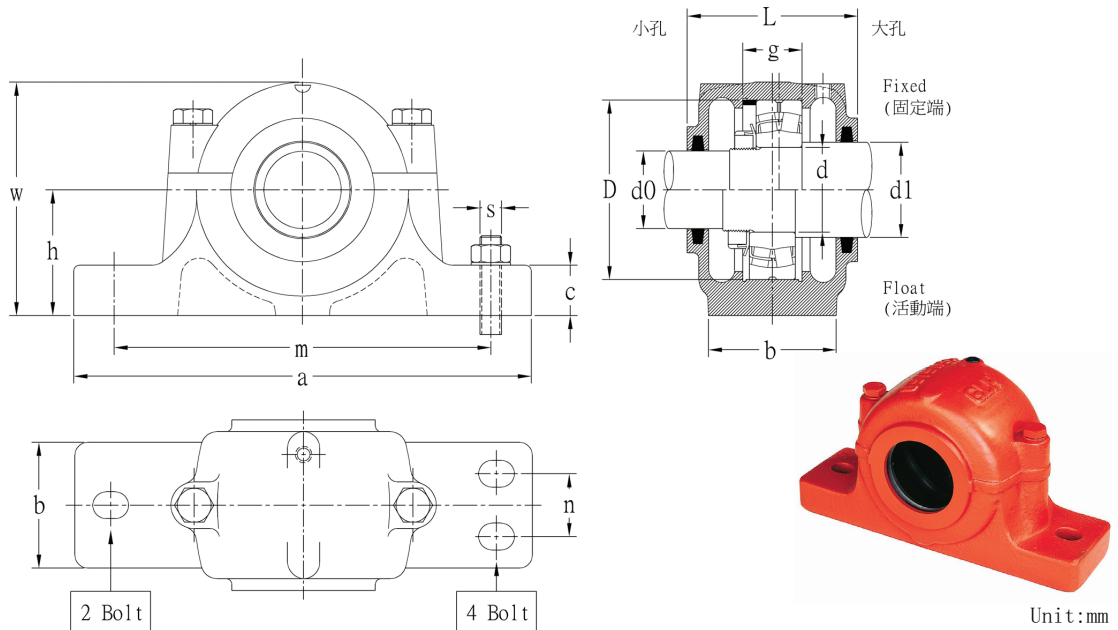
Unit:mm

S		Bearing No.		Lock Nut	Lock Washer	Felt		ZF Seal		Locating Ring	
2 Bolt	4 Bolt	Self-Alig. Ball	Spherical Roller			d0	d1	d0	d1	Number	Q.ty
M12	---	1207 2207	22207	AN07	AW07	FS07	FS10	ZF07	ZF10	SR 72×8 SR 72×10	2 1
M12	---	1208 2208	22208	AN08	AW08	FS08	FS11	ZF08	ZF11	SR 80×7.5 SR 80×10	2 1
M12	M10	1209 2209	22209	AN09	AW09	FS09	FS12	ZF09	ZF12	SR 85×6 SR 85×8	2 1
M12	M10	1210 2210	22210	AN10	AW10	FS10	FS13	ZF10	ZF13	SR 90×6.5 SR 90×10	2 1
M16	M12	1211 2211	22211	AN11	AW11	FS11	FS15	ZF11	ZF15	SR 100×6 SR 100×8	2 1
M16	M12	1212 2212	22212	AN12	AW12	FS12	FS16	ZF12	ZF16	SR 110×8 SR 110×10	2 1
M16	M12	1213 2213	22213	AN13	AW13	FS13	FS17	ZF13	ZF17	SR 120×10 SR 120×12	2 1
M16	M12	1215 2215	22215	AN15	AW15	FS15	FS19	ZF15	ZF19	SR 130×8 SR 130×10	2 1
M20	M16	1216 2216	22216	AN16	AW16	FS16	FS20	ZF16	ZF20	SR 140×8.5 SR 140×10	2 1
M20	M16	1217 2217	22217	AN17	AW17	FS17	FS21	ZF17	ZF21	SR 150×9 SR 150×10	2 1
M20	M16	1218 2218	22218 23218	AN18	AW18	FS18	FS22	ZF18	ZF22	SR 160×16.2 SR 160×11.2 SR 160×10	2 2 1
M24	M16	2220	22220 23220	AN20	AW20	FS20	FS26	ZF20	ZF26	SR 180×12.1 SR 180×10	2 1
M24	M16	2222	22222 23222	AN22	AW22	FS22	FS28	ZF22	ZF28	SR 200×13.5 SR 200×10	2 1
M24	M16	---	22224 23224	AN24	AW24	FS24	FS30	ZF24	ZF30	SR 215×14 SR 215×10	2 1
M24	M20	---	22226 23226	AN26	AW26	FS26	FS33	ZF26	ZF33	SR 230×13 SR 230×10	2 1
M30	M24	---	22228 23228	AN28	AW28	FS28	FS35	ZF28	ZF35	SR 250×15 SR 250×10	2 1
M30	M24	---	22230 23230	AN30	AW30	FS30	FS37	ZF30	ZF37	SR 270×16.5 SR 270×10	2 1
M30	M24	---	22232 23232	AN32	AW32	FS32	FS39	ZF32	ZF39	SR 290×17 SR 290×10	2 1

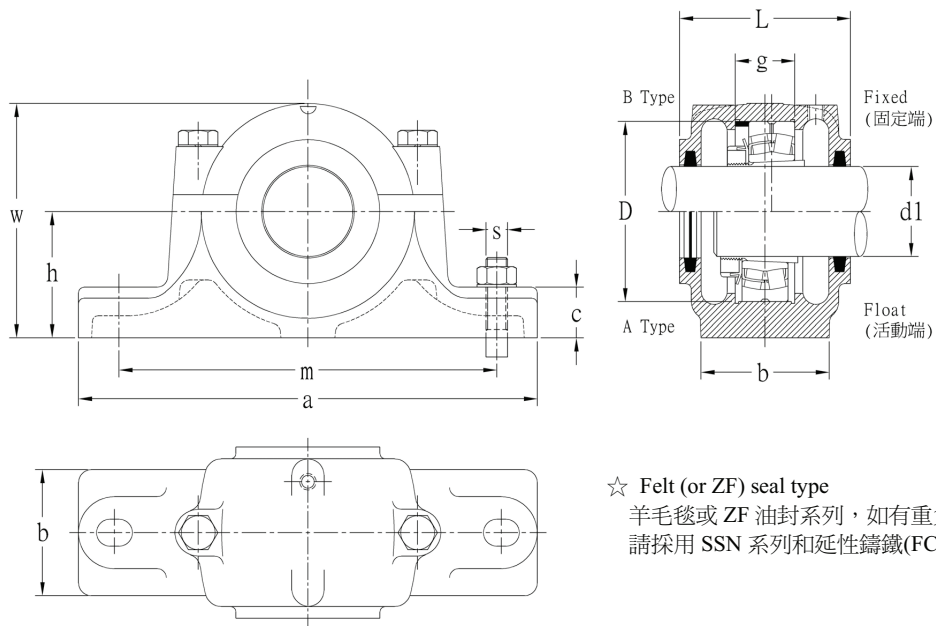


☆ SN 或 SSN300 系列，訂購時請註明大小孔 d0 和 d1 的(shaft)直徑，以及底座螺絲孔 2 孔或 4 孔 (可參考 SSN 500 系列之螺絲孔)。

Housing No.	Shaft Dia.			D	a	b	c	g	h	L	w	m	n
	d	d0	d1										
SN 307	35	30	45	80	205	60	25	41	60	90	110	170	
SN 308	40	35	50	90	205	60	25	43	60	95	115	170	
SN 309	45	40	55	100	255	70	28	46	70	105	130	210	
SN 310	50	45	60	110	255	70	30	50	70	115	135	210	
SN SSN 311	55	50	65	120	275	80	30	53	80	120	150	230	40
SN SSN 312	60	55	70	130	280	80	30	56	80	125	155	230	40
SN SSN 313	65	60	75	140	315	90	32	58	95	130	175	260	50
SN SSN 315	75	65	85	160	345	100	35	65	100	140	195	290	50
SN SSN 316	80	70	90	170	345	100	35	68	112	145	212	290	50
SN SSN 317	85	75	95	180	380	110	40	70	112	155	218	320	60
SN SSN 318	90	80	100	190	400	110	33	74	112	160	230	320	60
SN SSN 319	95	85	110	200	420	120	36	77	125	170	245	350	70
SN SSN 320	100	90	115	215	420	120	38	83	140	175	280	350	70
SN SSN 322	110	100	125	240	460	130	40	90	150	190	300	390	70
SN SSN 324	120	110	135	260	540	160	50	96	160	205	325	450	90
SN SSN 326	130	115	150	280	560	160	50	103	170	215	350	470	90
SN SSN 328	140	125	160	300	630	170	55	112	180	235	375	520	90
SN SSN 330	150	135	170	320	680	180	55	118	190	245	395	560	90
SN SSN 332	160	140	180	340	710	190	60	124	200	255	415	580	100



S		Bearing No.		Lock Nut	Lock Washer	Felt		ZF Seal		Locating Ring	
2 Bolt	4 Bolt	Self-Alig. Ball	Spherical Roller			D0	d1	d0	D1	Number	Q,ty
M12	--	1307 2307		AN07	AW07	FS07	FS10	ZF07	ZF10	SR 80×10 SR 80×10	2 1
M12	--	1308 2308	21308 22308	AN08	AW08	FS08	FS11	ZF08	ZF11	SR 90×10 SR 90×10	2 1
M16	--	1309 2309	21309 22309	AN09	AW09	FS09	FS12	ZF09	ZF12	SR 100×10.5 SR 100×10	2 1
M16	--	1310 2310	21310 22310	AN10	AW10	FS10	FS13	ZF10	ZF13	SR 110×11.5 SR 110×10	2 1
M16	M12	1311 2311	21311 22311	AN11	AW11	FS11	FS15	ZF11	ZF15	SR 120×12 SR 120×10	2 1
M16	M12	1312 2312	21312 22312	AN12	AW12	FS12	FS16	ZF12	ZF16	SR 130×12.5 SR 130×10	2 1
M20	M16	1313 2313	21313 22313	AN13	AW13	FS13	FS17	ZF13	ZF17	SR 140×12.5 SR 140×10	2 1
M20	M16	1315 2315	21315 22315	AN15	AW15	FS15	FS19	ZF15	ZF19	SR 160×14 SR 160×10	2 1
M20	M16	1316 2316	21316 22316	AN16	AW16	FS16	FS20	ZF16	ZF20	SR 170×14.5 SR 170×10	2 1
M24	M16	1317 2317	21317 22317	AN17	AW17	FS17	FS21	ZF17	ZF21	SR 180×14.5 SR 180×10	2 1
M24	M16	1318 2318	21318 22318	AN18	AW18	FS18	FS22	ZF18	ZF22	SR 190×15.5 SR 190×10	2 1
M24	M16	1319 2319	21319 22319	AN19	AW19	FS19	FS24	ZF19	ZF24	SR 200×16 SR 200×10	2 1
M24	M16	1320 2320	21320 22320	AN20	AW20	FS20	FS26	ZF20	ZF26	SR 215×18 SR 215×10	2 1
M24	M16	1322 2322	22322	AN22	AW22	FS22	FS28	ZF22	ZF28	SR 240×20 SR 240×10	2 1
M30	M20	--	22324	AN24	AW24	FS24	FS30	ZF24	ZF30	SR 260×10	1
M30	M20	--	22326	AN26	AW26	FS26	FS34	ZF26	ZF34	SR 280×10	1
M30	M20	--	22328	AN28	AW28	FS28	FS36	ZF28	ZF36	SR 300×10	1
M30	M20	--	22330	AN30	AW30	FS30	FS38	ZF30	ZF38	SR 320×10	1
M36	M24	--	22332	AN32	AW32	FS32	FS40	ZF32	ZF40	SR 340×10	1

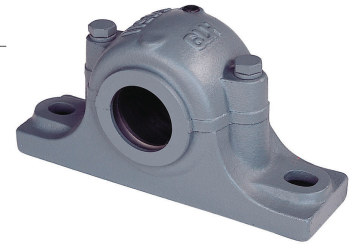
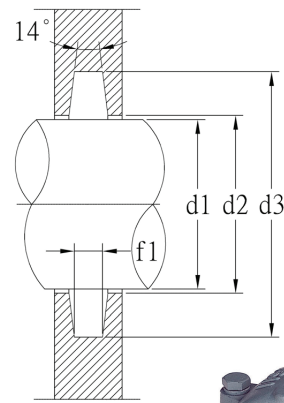
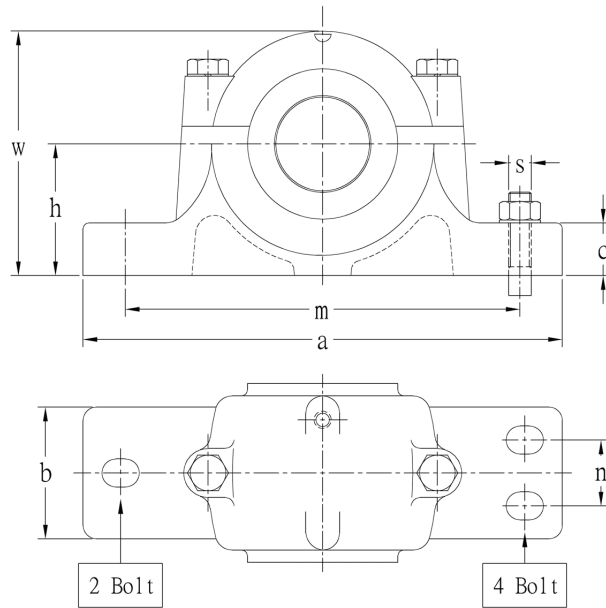


☆ Felt (or ZF) seal type

羊毛毯或 ZF 油封系列，如有重負荷或衝擊，請採用 SSN 系列和延性鑄鐵(FCD450)併用。

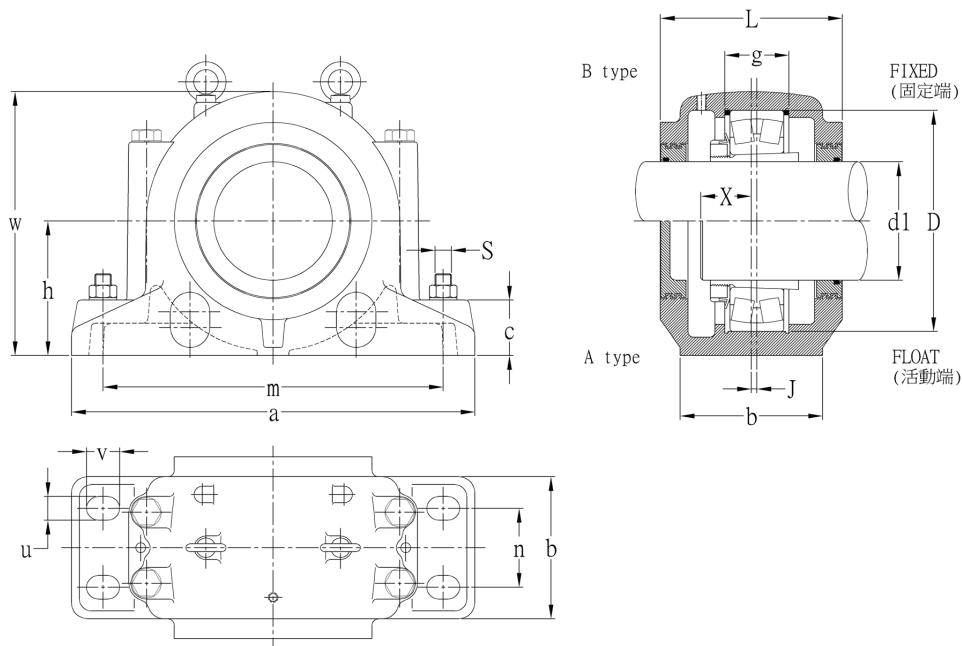
Housing No.	Shaft Dia. d1	D	a	b	c	g	h	L	w	m	n
SN SSN 3024	110	180	380	110	40	56	112	160	218	320	60
SN SSN 3026	115	200	410	120	45	62	125	175	240	350	70
SN SSN 3028	125	210	410	120	45	63	140	185	270	350	70
SN SSN 3030	135	225	445	130	50	66	150	175	283	380	70
SN SSN 3032	140	240	460	130	40	70	150	190	300	390	70
SN SSN 3034	150	260	540	160	50	77	160	205	325	450	90
SN SSN 3036	160	280	550	160	50	84	170	215	345	470	90
SN SSN 3038	170	290	550	160	60	85	170	235	345	470	90
SN SSN 3122	100	180	380	110	40	66	112	160	218	320	60
SN SSN 3124	110	200	410	120	45	72	125	175	240	350	70
SN SSN 3126	115	210	410	120	45	74	140	185	270	350	70
SN SSN 3128	125	225	445	130	50	78	150	175	285	380	70
SN SSN 3130	135	250	500	150	50	90	150	205	305	420	80
SN SSN 3132	140	270	530	160	60	96	160	220	325	450	90



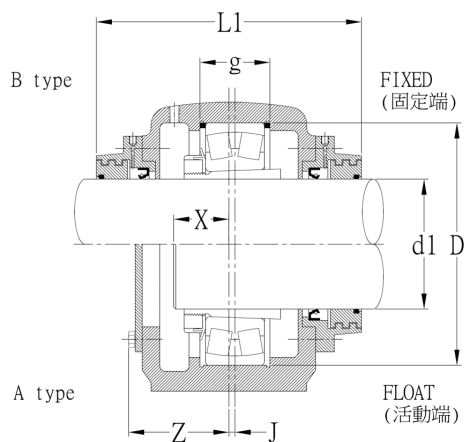


Unit:mm

S		d2	d3	f1	Mass Kg	Bearing No.	Adapter Sleeve	Locating Ring		Housing No.	
2 Bolt	4 Bolt							Number	Q.ty		
M24	M16	113	135	8	17	23024 K	H 3024	SR 180×10	1	SN SSN	3024
M24	M16	118	140	8	20	23026 K	H 3026	SR 200×10	1	SN SSN	3026
M24	M16	128	154	9	25	23028 K	H 3028	SR 210×10	1	SN SSN	3028
M24	M20	138	164	9	30	23030 K	H 3030	SR 225×10	1	SN SSN	3030
M24	M20	143	173	10	37	23032 K	H 3032	SR 240×10	1	SN SSN	3032
M30	M20	153	183	10	47	23034 K	H 3034	SR 260×10	1	SN SSN	3034
M30	M20	163	193	10	55	23036 K	H 3036	SR 280×10	1	SN SSN	3036
M30	M24	173	203	10	53	23038 K	H 3038	SR 290×10	1	SN SSN	3038
M24	M16	102	125	8	17	23122 K	H 3122	SR 180×10	1	SN SSN	3122
M24	M16	113	135	8	20	23124 K	H 3124	SR 200×10	1	SN SSN	3124
M24	M16	118	140	8	25	23126 K	H 3126	SR 210×10	1	SN SSN	3126
M24	M20	128	154	9	30	23128 K	H 3128	SR 225×10	1	SN SSN	3128
M30	M24	138	164	9	38	23130 K	H 3130	SR 250×10	1	SN SSN	3130
M30	M24	143	173	10	46	23132 K	H 3132	SR 270×10	1	SN SSN	3132



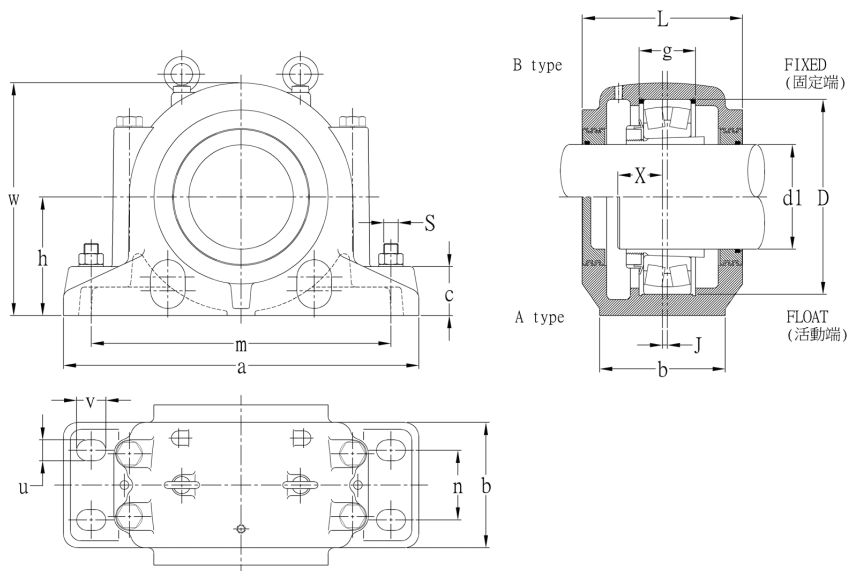
Housing No.	Shaft Dia. d1	D	a	b	c	g	h	L	L1	w	m	n
SD 3036	160	280	510	180	70	108	170	230	308	335	430	100
SD 3038	170	290	530	190	75	95	180	240	334	355	450	110
SD 3040	180	310	560	210	80	102	190	260	336	375	480	120
SD 3044	200	340	610	230	85	110	210	280	360	410	510	130
SD 3048	220	360	640	240	90	112	220	290	368	435	540	140
SD 3052	240	400	700	260	95	124	240	310	382	475	600	150
SD 3056	260	420	770	280	100	126	260	320	400	515	650	160
SD 3060	280	460	790	280	105	138	280	320	400	550	670	160
SD 3064	300	480	830	310	110	141	300	350	426	590	710	190
SD 3068	320	520	880	330	115	153	320	370	448	630	750	200
SD 3072	340	540	880	330	115	154	320	370	450	630	750	200
SD 3076	360	560	950	360	120	155	340	400	488	675	810	220
SD 3080	380	600	1000	360	120	168	350	400	488	695	840	220
SD 3084	400	620	1040	360	120	170	360	400	488	715	870	220
SD 3088	410	650	1120	390	125	177	380	430	508	755	950	240
SD 3092	430	680	1170	420	130	183	410	460	554	810	1000	260
SD 3096	450	700	1170	420	130	185	410	460	554	810	1000	260



☆ Unless specified "B" type open housing will be supplied.  
訂購時未註明"A：一邊封閉"，一律以"B：貫通型"供應。

Unit:mm

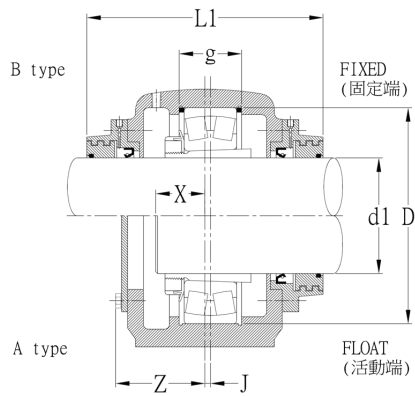
u	v	J	x	Z	S Bolt	Bearing No.	Adapter Sleeve	Locating Ring	
								Number	Q,ty
30	42	14	60	123	M24	23036 K	H 3036	SR 280×17	2
30	42	15	60	128	M24	23038 K	H 3038	SR 290×10	2
30	42	10	72	129	M24	23040 K	H 3040	SR 310×10	2
37	51	10	77	139	M30	23044 K	H 3044	SR 340×10	2
37	51	12	80	143	M30	23048 K	H 3048	SR 360×10	2
37	51	12	87	153	M30	23052 K	H 3052	SR 400×10	2
43	60	13	90	162	M36	23056 K	H 3056	SR 420×10	2
43	60	16	97	162	M36	23060 K	H 3060	SR 460×10	2
43	60	22	97	175	M36	23064 K	H 3064	SR 480×10	2
43	62	23	104	186	M36	23068 K	H 3068	SR 520×10	2
43	62	23	104	186	M36	23072 K	H 3072	SR 540×10	2
43	62	24	110	205	M36	23076 K	H 3076	SR 560×10	2
43	62	30	120	205	M36	23080 K	H 3080	SR 600×10	2
43	62	30	120	220	M36	23084 K	H 3084	SR 620×10	2
50	70	30	135	233	M42	23088 K	H 3088	SR 650×10	2
50	70	35	140	238	M42	23092 K	H 3092	SR 680×10	2
50	70	35	140	238	M42	23096 K	H 3096	SR 700×10	2



Housing No.	Shaft Dia. d1		D	a	b	c	g	h	L	L1	w	m	n
	mm	Inch											
SD 3134	150	6	280	510	180	70	108	170	230	308	335	430	100
SD 3136	160	6 1/2	300	530	190	75	116	180	240	318	355	450	110
SD 3138	170	6 3/4	320	560	210	80	124	190	260	336	375	480	120
SD 3140	180	7	340	610	230	85	132	210	280	356	410	510	130
SD 3144	200	--	370	640	240	90	140	220	290	368	435	540	140
SD 3148	220	--	400	700	260	95	148	240	310	388	475	600	150
SD 3152	240	--	440	770	280	100	164	260	320	400	515	650	160
SD 3156	260	--	460	790	280	105	166	280	320	400	550	670	160
SD 3160	280	--	500	830	310	110	180	300	350	426	590	710	190
SD 3164	300	--	540	880	330	115	196	320	370	448	630	750	200
SD 3168N	320	--	580	950	360	120	210	340	400	486	675	810	220
SD 3172N	340	--	600	1000	360	120	212	350	400	488	695	840	220
SD 3176N	360	--	620	1040	360	120	214	360	400	488	715	870	220
SD 3180N	380	--	650	1120	390	125	220	380	430	518	755	950	240
SD 3184N	400	--	700	1170	420	130	244	410	460	554	810	1000	260
SD 3188	410	--	720	1220	430	135	246	420	460	552	835	1030	260
SD 3192	430	--	760	1280	440	148	260	440	480	578	875	1070	260
SD 3196	450	--	790	1330	440	155	268	460	480	586	920	1110	260

**Australia Specification**

SD 3168	320	--	580	965	380	120	210	340	390	488	670	840	240
SD 3172	340	--	600	1040	390	130	212	360	390	498	720	890	255
SD 3176	360	--	620	1120	400	135	214	380	405	520	750	980	255
SD 3180	380	--	650	1245	420	140	220	400	425	543	790	1050	270



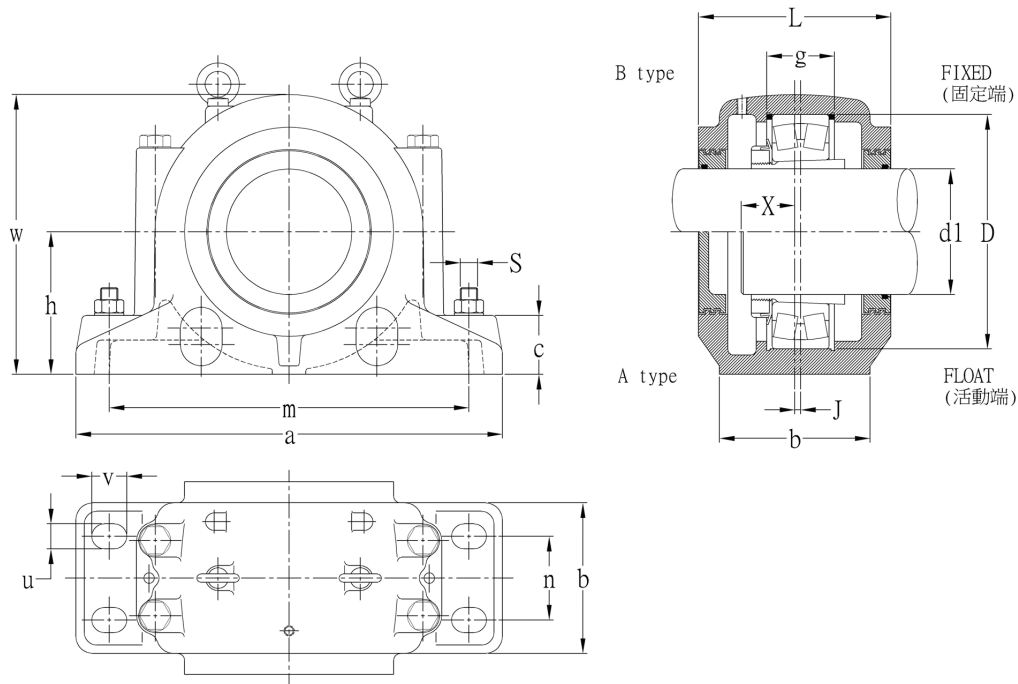
☆ Unless specified "B" type open housing will be supplied.  
訂購時未註明"A：一邊封閉"，一律以"B：貫通型"供應。

Unit:mm

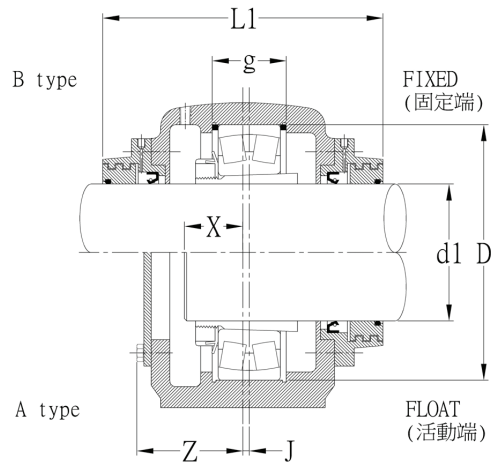
u	v	J	x	Z	S Bolt	Mass Kg	Bearing No.	Adapter Sleeve		Locating Ring	
								Metric	Imperial	Number	Q.ty
30	42	14	65	123	M24	70	23134 K	H 3134	HE 3134	SR 280×10	2
30	42	15	68	128	M24	72	23136 K	H 3136	HE 3136	SR 300×10	2
30	42	10	80	129	M24	88	23138 K	H 3138	HE 3138	SR 320×10	2
37	51	10	82	139	M30	122	23140 K	H 3140	HE 3140	SR 340×10	2
37	51	12	90	143	M30	136	23144 K	H 3144	--	SR 370×10	2
37	51	12	100	153	M30	190	23148 K	H 3148	--	SR 400×10	2
43	60	13	105	162	M36	238	23152 K	H 3152	--	SR 440×10	2
43	60	16	105	162	M36	252	23156 K	H 3156	--	SR 460×10	2
43	60	22	110	175	M36	290	23160 K	H 3160	--	SR 500×10	2
43	62	23	120	186	M36	340	23164 K	H 3164	--	SR 540×10	2
43	62	24	148	206	M36	380	23168 K	H 3168	--	SR 580×10	2
43	62	30	148	210	M36	420	23172 K	H 3172	--	SR 600×10	2
43	62	30	150	222	M36	490	23176 K	H 3176	--	SR 620×10	2
50	70	30	160	233	M42	570	23180 K	H 3180	--	SR 650×10	2
50	70	35	175	238	M42	610	23184 K	H 3184	--	SR 700×10	2
48	60	35	175	242	M42		23188 K	H 3188	--	SR 720×10	2
48	60	35	188	248	M42		23192 K	H 3192	--	SR 760×10	2
56	70	35	192	252	M48		23196 K	H 3196	--	SR 790×10	2

#### Australia Specification

54	72	25	135	220	M45	430	23168K	H3168	--	SR 580×10	2
60	80	22	145	225	M50	560	23172K	H3172	--	SR 600×10	2
68	90	22	145	240	M55	770	23176K	H3176	--	SR 620×10	2
76	96	22	150	260	M60	870	23180K	H3180	--	SR 650×10	2



Housing No.	Shaft Dia. d1	D	a	b	c	g	h	L	L1	w	m	n
SD 3234	150	310	560	210	80	122	190	260	320	375	480	120
SD 3236	160	320	560	210	80	124	190	260	320	375	480	120
SD 3238	170	340	610	230	85	132	210	280	356	410	510	130
SD 3240	180	360	640	240	90	140	220	290	364	435	540	140
SD 3244	200	400	700	260	95	164	240	310	388	475	600	150
SD 3248	220	440	770	280	100	180	260	320	406	515	650	160
SD 3252	240	480	830	310	110	194	300	350	426	590	710	190
SD 3256	260	500	830	310	110	196	300	350	426	590	710	190
SD 3260	280	540	880	330	115	212	320	370	448	630	750	200
SD 3264	300	580	950	360	120	228	340	400	486	675	810	220
SD 3268	320	620	1040	360	120	244	360	400	486	715	870	220
SD 3272	340	650	1120	390	125	252	380	430	518	755	950	240
SD 3276	360	680	1170	420	130	260	410	460	554	810	1000	260
SD 3280	380	720	1170	420	130	276	410	460	554	810	1000	260
SD 3284	400	760	1280	440	148	292	440	480	574	875	1070	260
SD 3288	410	790	1330	440	155	300	460	480	572	920	1110	260

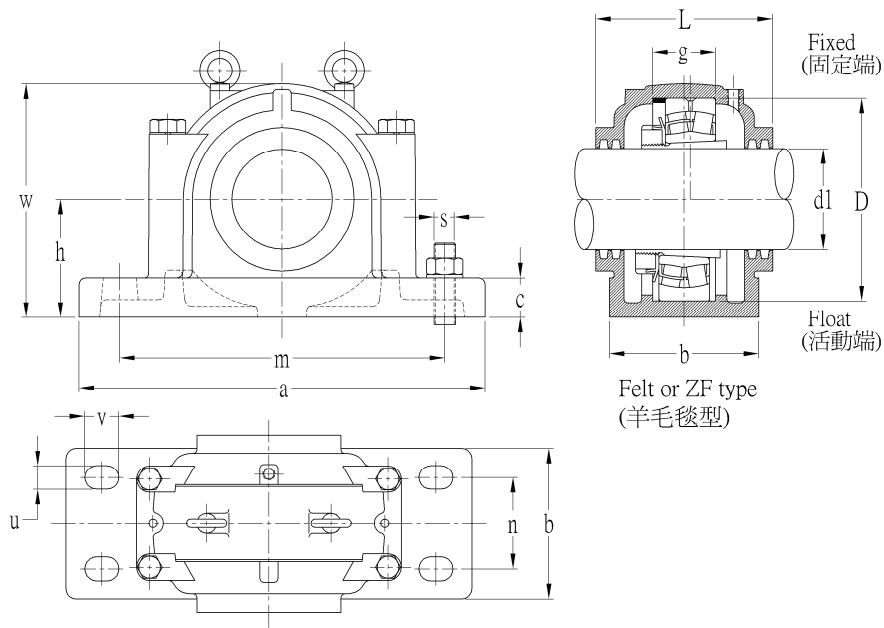


☆ Unless specified "B" type open housing will be supplied.  
訂購時未註明"A：一邊封閉"，一律以"B：貫通型"供應。

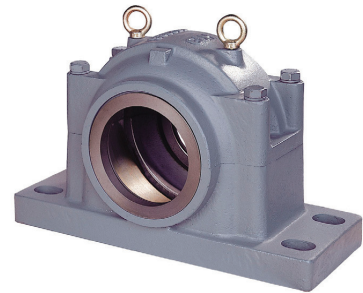
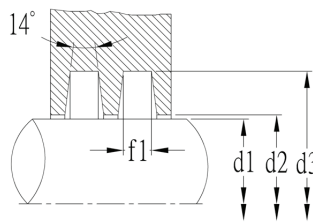
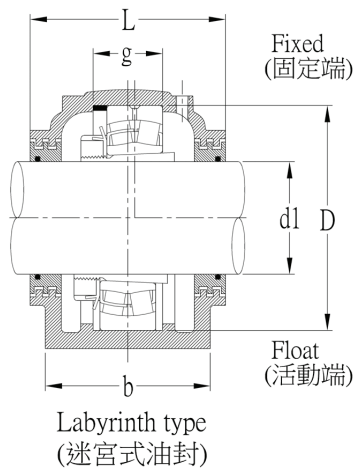
Unit:mm

u	v	J	x	Z	S Bolt	Bearing No.	Adapter Sleeve	Locating Ring	
								Number	Q,ty
30	42	10	80	129	M24	23234 K	H 2334	SR 310×6	2
30	42	10	82	129	M24	23236 K	H 2336	SR 320×6	2
37	51	10	88	139	M30	23238 K	H 2338	SR 340×6	2
37	51	12	90	143	M30	23240 K	H 2340	SR 360×6	2
37	51	12	102	153	M30	23244 K	H 2344	SR 400×10	2
43	60	13	108	162	M36	23248 K	H 2348	SR 440×10	2
43	60	22	112	175	M36	23252 K	H 2352	SR 480×10	2
43	60	22	114	175	M36	23256 K	H 2356	SR 500×10	2
43	62	23	130	186	M36	23260 K	H 3260	SR 540×10	2
43	62	24	144	206	M36	23264 K	H 3264	SR 580×10	2
43	62	30	154	222	M36	23268 K	H 3268	SR 620×10	2
50	70	30	165	233	M42	23272 K	H 3272	SR 650×10	2
50	70	35	170	238	M42	23276 K	H 3276	SR 680×10	2
50	70	35	178	238	M42	23280 K	H 3280	SR 720×10	2
48	60	35	193	248	M42	23284 K	H 3284	SR 760×10	2
56	70	35	197	252	M48	23288 K	H 3288	SR 790×10	2



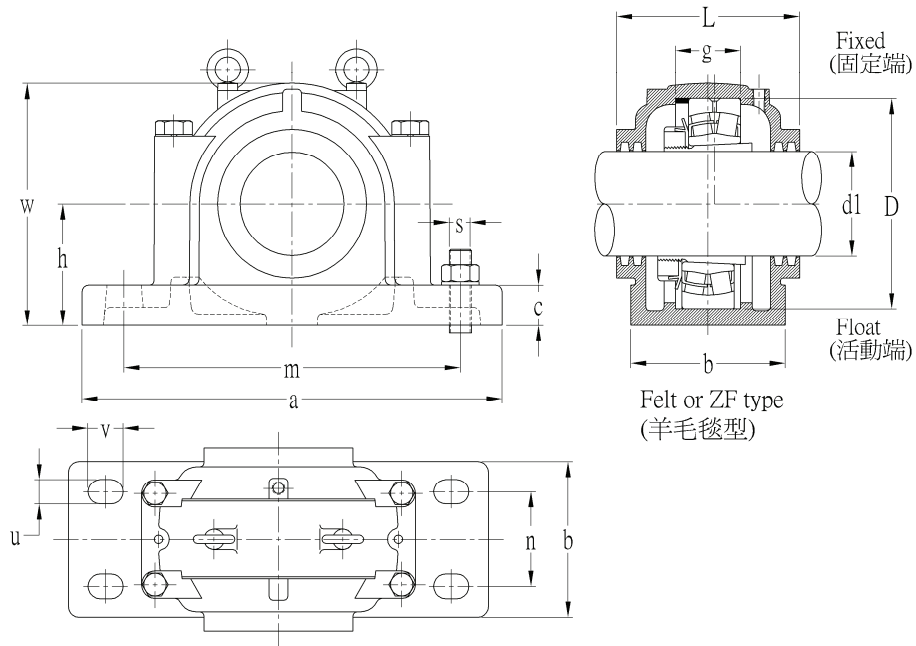


Housing No.	Shaft Dia. d1	D	a	b	c	g	h	L	w	m	n	S Blot
SD 534	150	310	620	230	60	106	180	270	360	510	140	M30
SD 536	160	320	650	240	60	106	190	280	380	540	150	M30
SD 538	170	340	700	260	65	112	200	290	400	570	160	M30
SD 540	180	360	740	270	65	118	210	300	420	610	170	M30
SD 544	200	400	820	300	70	128	240	330	475	680	190	M36
SD 548	220	440	880	310	85	140	260	340	515	740	200	M36
SD 552	240	480	940	340	85	150	280	370	560	790	210	M36
SD 556	260	500	990	370	100	150	300	390	590	830	230	M42
SD 560	280	540	1060	390	100	160	325	410	640	890	250	M42
SD 564	300	580	1110	420	110	170	355	440	690	930	270	M48
SD 634	150	360	740	270	65	130	210	300	420	610	170	M30
SD 636	160	380	780	290	70	136	225	320	450	640	180	M36
SD 638	170	400	820	300	70	142	240	330	475	680	190	M36
SD 640	180	420	860	320	85	148	250	350	500	710	200	M36
SD 644	200	460	920	330	85	155	280	360	550	770	210	M36
SD 648	220	500	990	370	100	165	300	390	590	830	230	M42
SD 652	240	540	1060	390	100	175	325	410	640	890	250	M42
SD 656	260	580	1110	420	110	185	355	440	690	930	270	M48

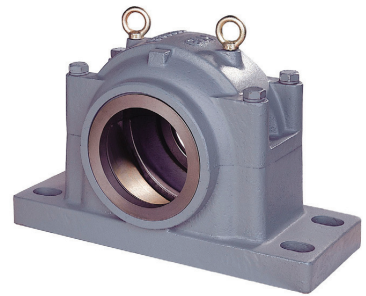
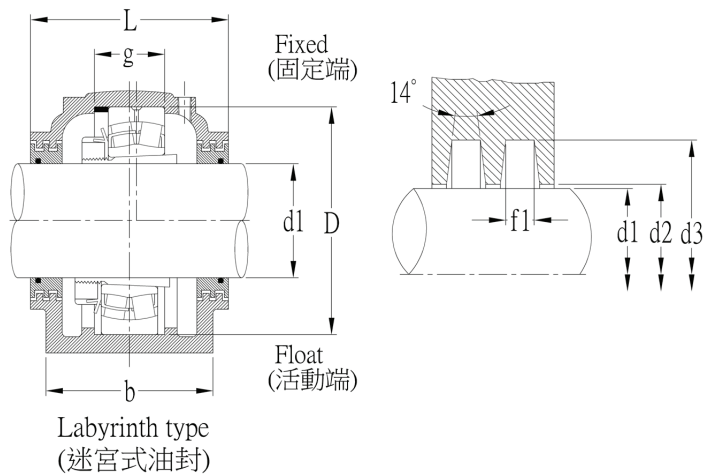


Unit:mm

u	v	d2	d3	f1	Mass Kg	Bearing No.	Adapter Sleeve	Locating Ring		Housing No.
								Number	Q,ty	
36	52	153	183	10	92	22234 K	H 3134	SR 310×10	2	SD 534
36	52	163	193	10	105	22236 K	H 3136	SR 320×10	2	SD 536
36	55	173	203	10	125	22238 K	H 3138	SR 340×10	2	SD 538
36	55	183	213	10	140	22240 K	H 3140	SR 360×10	2	SD 540
43	62	203	240	11	200	22244 K	H 3144	SR 400×10	2	SD 544
43	62	223	260	11	230	22248 K	H 3148	SR 440×10	2	SD 548
43	62	243	286	12	290	22252 K	H 3152	SR 480×10	2	SD 552
50	70	263	306	12	310	22256 K	H 3156	SR 500×10	2	SD 556
50	70	283	332	13	450	22260 K	H 3160	SR 540×10	2	SD 560
58	77	303	352	13	550	22264 K	H 3164	SR 580×10	2	SD 564
36	55	153	183	10	140	22334 K	H 2334	SR 360×10	1	SD 634
43	62	163	193	10	170	22336 K	H 2336	SR 380×10	1	SD 636
43	62	173	203	10	200	22338 K	H 2338	SR 400×10	1	SD 638
43	62	183	213	10	230	22340 K	H 2340	SR 420×10	1	SD 640
43	62	203	240	11	290	22344 K	H 2344	SR 460×10	1	SD 644
50	70	223	260	11	350	22348 K	H 2348	SR 500×10	1	SD 648
50	70	243	286	12	450	22352 K	H 2352	SR 540×10	1	SD 652
58	77	263	306	12	550	22356 K	H 2356	SR 580×10	1	SD 656

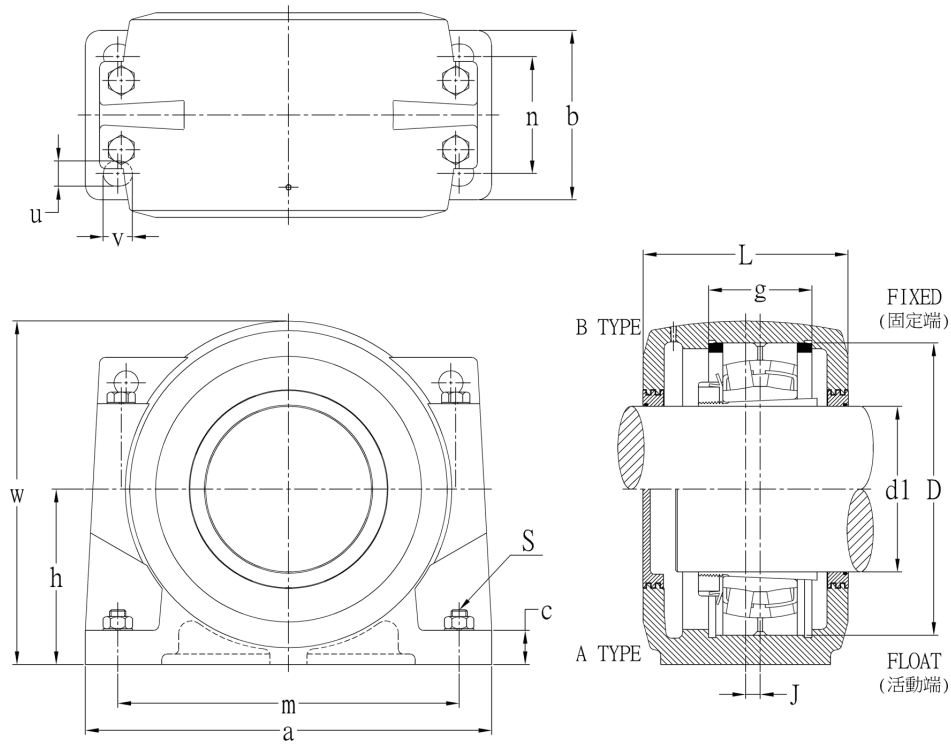


Housing No.	Shaft Dia. d1	D	a	b	c	g	h	L	w	m	n	S Bolt
SD 3034	150	260	540	200	50	77	160	230	320	450	110	M30
SD 3036	160	280	560	220	50	84	170	250	340	470	120	M30
SD 3038	170	290	560	220	50	85	170	250	345	470	120	M30
SD 3040	180	310	620	230	60	92	180	270	360	510	140	M30
SD 3044	200	340	700	260	65	100	200	290	400	570	160	M30
SD 3048	220	360	740	270	65	102	210	300	420	610	170	M30
SD 3052	240	400	820	300	70	114	240	330	475	680	190	M36
SD 3056	260	420	860	320	85	116	250	350	500	710	200	M36
SD 3060	280	460	920	330	85	128	280	360	550	770	210	M36
SD 3064	300	480	940	340	85	131	280	370	560	790	210	M36
SD 3068	320	520	1020	370	100	143	310	400	615	860	230	M42
SD 3072	340	540	1060	390	100	144	325	410	640	890	250	M42
SD 3076	360	560	1080	390	100	145	340	410	665	900	260	M42

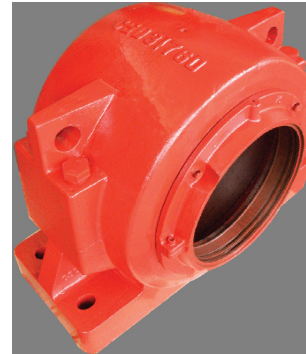
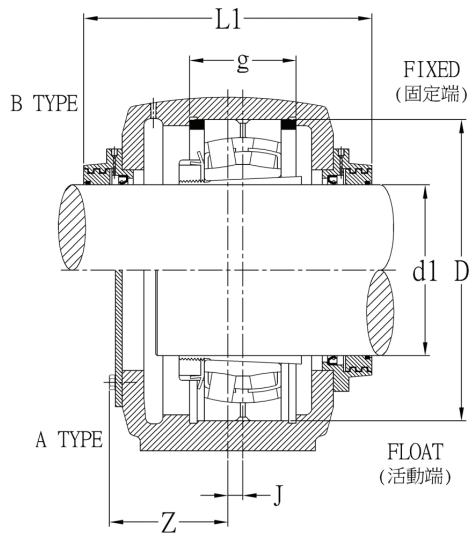


Unit : mm

u	v	d2	d3	f1	Mass kg	Bearing No.	Adapter Sleeve	Locating Ring		Housing No.
								Number	Q.ty	
36	52	153	183	10	62	23034 K	H 3034	SR 260×10	1	SD 3034
36	52	163	193	10	78	23036 K	H 3036	SR 280×10	1	SD 3036
36	52	173	203	10	82	23038 K	H 3038	SR 290×10	1	SD 3038
36	52	183	213	10	92	23040 K	H 3040	SR 310×10	1	SD 3040
36	55	203	240	11	125	23044 K	H 3044	SR 340×10	1	SD 3044
36	55	223	260	11	140	23048 K	H 3048	SR 360×10	1	SD 3048
43	62	243	286	12	200	23052 K	H 3052	SR 400×10	1	SD 3052
43	62	263	306	12	230	23056 K	H 3056	SR 420×10	1	SD 3056
43	62	283	332	13	290	23060 K	H 3060	SR 460×10	1	SD 3060
43	62	303	352	13	300	23064 K	H 3064	SR 480×10	1	SD 3064
50	70	323	372	13	400	23068 K	H 3068	SR 520×10	1	SD 3068
50	70	343	392	13	450	23072 K	H 3072	SR 540×10	1	SD 3072
50	70	363	412	13	470	23076 K	H 3076	SR 560×10	1	SD 3076

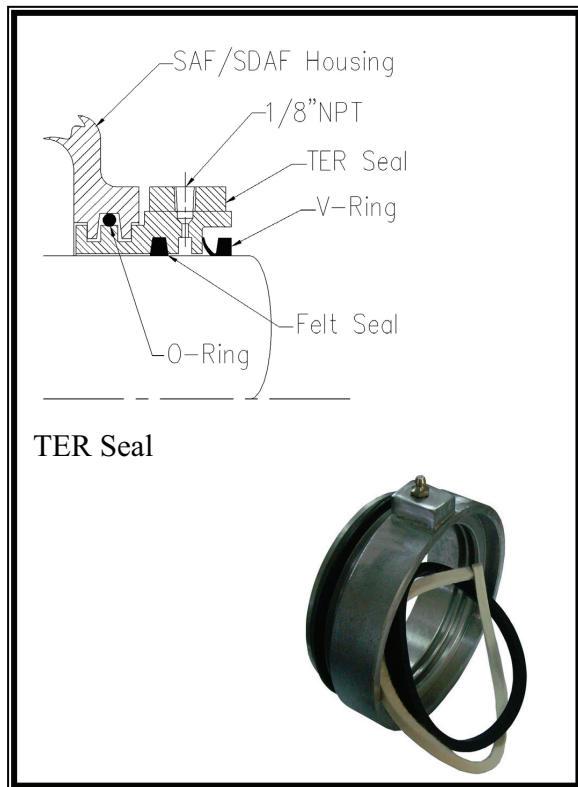


Housing No.	Shaft Dia. d1	D	a	b	c	g	h	L	L1	w	m	n
CSD 3168	320	580	830	350	70	210	360	420	536	705	700	240
CSD 3172	340	600	830	350	70	212	360	420	538	705	700	240
CSD 3176	360	620	880	380	75	214	390	450	568	765	760	280
CSD 3180	380	650	880	380	75	220	390	450	568	765	760	280
CSD 3184	400	700	940	400	80	244	440	490	608	850	810	280
CSD 3188	410	720	940	400	80	246	440	490	598	850	810	280
CSD 3192	430	760	1040	440	80	260	470	530	652	920	880	310
CSD 3196	450	790	1040	440	80	268	470	530	652	920	880	310

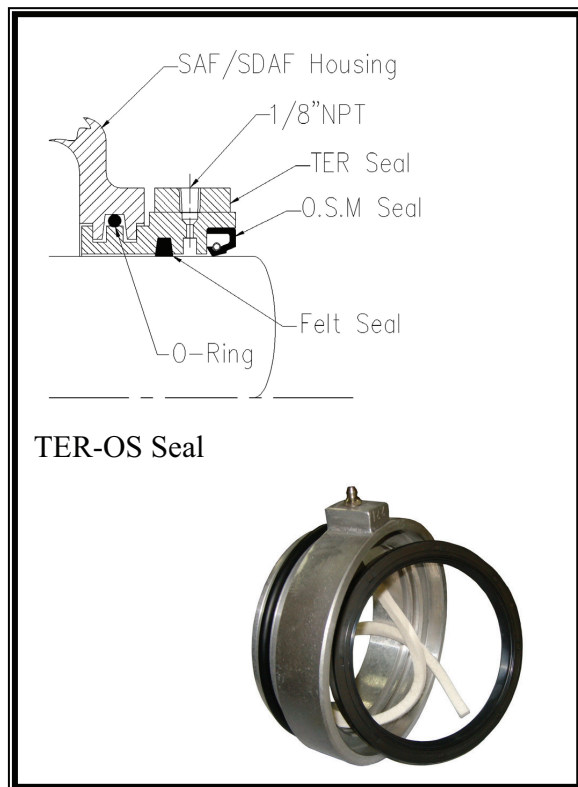


Unit : mm

S Bolt	u	v	J	Z	Bearing No.	Adapter Sleeve	Locating Ring		Housing No.
							Number	Q,ty	
M42	50	66	30	235	23168K	H 3168	SR 580×10	2	CSD 3168
M42	50	66	30	235	23172K	H 3172	SR 600×10	2	CSD 3172
M42	50	66	35	250	23176K	H 3176	SR 620×10	2	CSD 3176
M42	50	66	35	250	23180K	H 3180	SR 650×10	2	CSD 3180
M42	50	66	35	270	23184K	H 3184	SR 700×10	2	CSD 3184
M42	50	66	35	270	23188K	H 3188	SR 720×10	2	CSD 3188
M52	60	86	35	290	23192K	H 3192	SR 760×10	2	CSD 3192
M52	60	86	35	290	23196K	H 3196	SR 790×10	2	CSD 3196



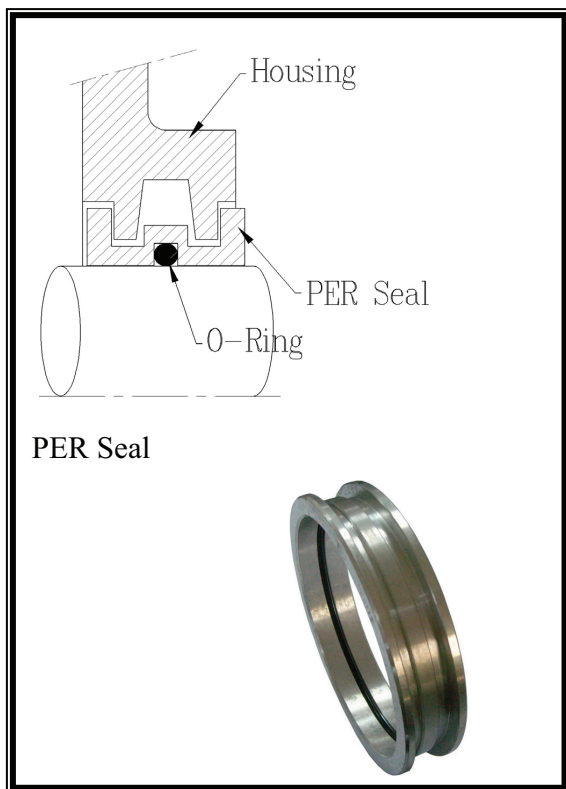
TER Seal



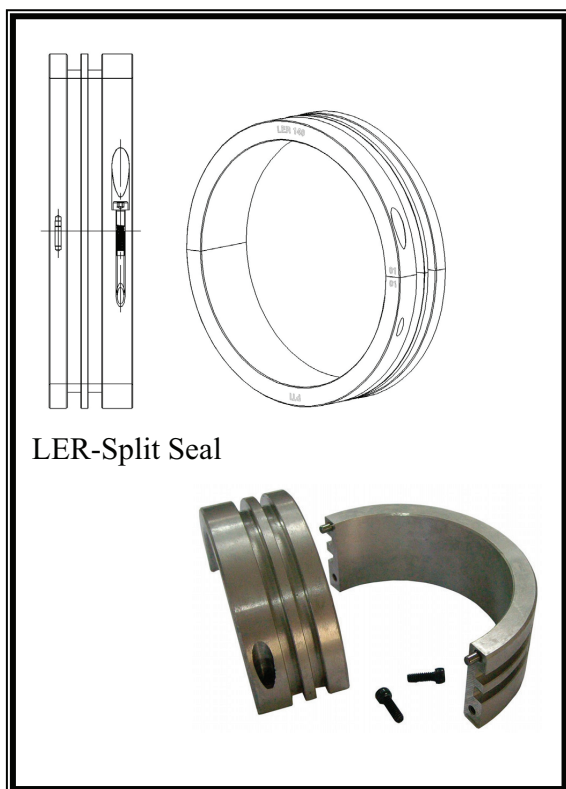
TER-OS Seal

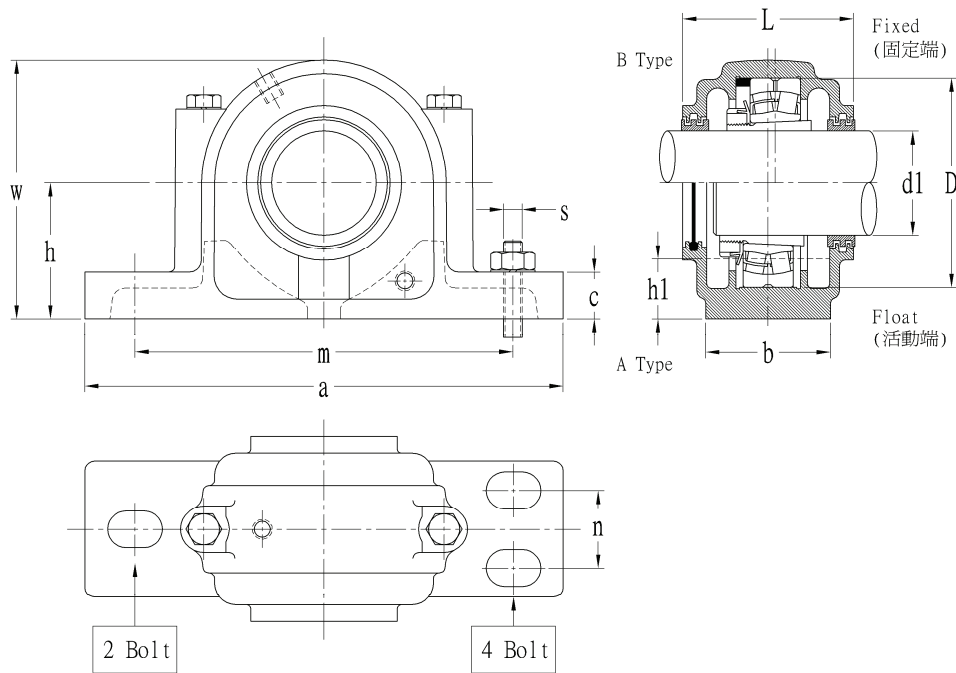
Shaft Size	SAF 500 Housing No.	SAF 600 Housing No.	TER No.	TER-OS No.
1 <sup>7</sup> / <sub>16</sub>	SAF 509	SAF 609	TER 17	TER 17-OS
1 <sup>11</sup> / <sub>16</sub>	SAF 510	SAF 610	TER 20	TER 20-OS
1 <sup>15</sup> / <sub>16</sub>	SAF 511	SAF 611	TER 24	TER 24-OS
2 <sup>3</sup> / <sub>16</sub>	SAF 513	SAF 613	TER 29	TER 29-OS
2 <sup>7</sup> / <sub>16</sub>	SAF 515	SAF 615	TER 37	TER 37-OS
2 <sup>11</sup> / <sub>16</sub>	SAF 516	SAF 616	TER 44	TER 44-OS
2 <sup>15</sup> / <sub>16</sub>	SAF 517	SAF 617	TER 53	TER 53-OS
3 <sup>3</sup> / <sub>16</sub>	SAF 518	SAF 618	TER 188	TER 188-OS
3 <sup>7</sup> / <sub>16</sub>	SAF 520	SAF 620	TER 102	TER 102-OS
3 <sup>15</sup> / <sub>16</sub>	SAF 522	SAF 622	TER 109	TER 109-OS
4 <sup>3</sup> / <sub>16</sub>	SAF 524	SAF 624	TER 113	TER 113-OS
4 <sup>7</sup> / <sub>16</sub>	SAF 526	SAF 626	TER 117	TER 117-OS
4 <sup>15</sup> / <sub>16</sub>	SAF 528	SAF 628	TER 122	TER 122-OS
5 <sup>3</sup> / <sub>16</sub>	SAF 530	SAF 630	TER 125	TER 125-OS
5 <sup>7</sup> / <sub>16</sub>	SAF 532	SAF 632	TER 130	TER 130-OS
5 <sup>15</sup> / <sub>16</sub>	SAF 534	SAF 634	TER 140	TER 140-OS
6 <sup>7</sup> / <sub>16</sub>	SAF 536	SAF 636	TER148	TER 148-OS
6 <sup>15</sup> / <sub>16</sub>	SAF 538	SAF 638	TER 155	TER 155-OS
7 <sup>3</sup> / <sub>16</sub>	SAF 540	SAF 640	TER 159	TER 159-OS
7 <sup>15</sup> / <sub>16</sub>	SAF 544	--	TER 167	TER 167-OS





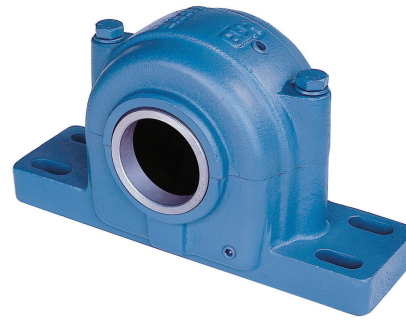
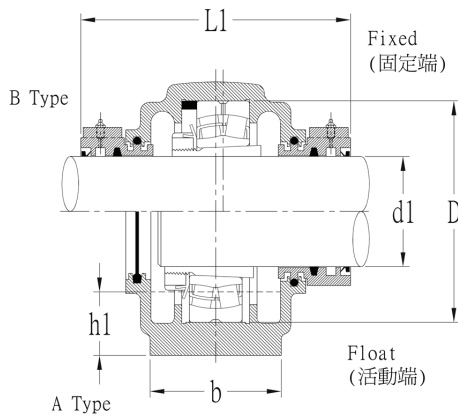
Shaft Size	SAF 500 Housing No.	SAF 600 Housing No.	PER No	LER-Split No
1 <sup>7</sup> / <sub>16</sub>	SAF 509	SAF 609	PER 17	LER 17
1 <sup>11</sup> / <sub>16</sub>	SAF 510	SAF 610	PER 20	LER 20
1 <sup>15</sup> / <sub>16</sub>	SAF 511	SAF 611	PER 24	LER 24
2 <sup>3</sup> / <sub>16</sub>	SAF 513	SAF 613	PER 29	LER 29
2 <sup>7</sup> / <sub>16</sub>	SAF 515	SAF 615	PER 37	LER 37
2 <sup>11</sup> / <sub>16</sub>	SAF 516	SAF 616	PER 44	LER 44
2 <sup>15</sup> / <sub>16</sub>	SAF 517	SAF 617	PER 53	LER 53
3 <sup>3</sup> / <sub>16</sub>	SAF 518	SAF 618	PER 188	LER 188
3 <sup>7</sup> / <sub>16</sub>	SAF 520	SAF 620	PER 102	LER 102
3 <sup>15</sup> / <sub>16</sub>	SAF 522	SAF 622	PER 109	LER 109
4 <sup>3</sup> / <sub>16</sub>	SAF 524	SAF 624	PER 113	LER 113
4 <sup>7</sup> / <sub>16</sub>	SAF 526	SAF 626	PER 117	LER 117
4 <sup>15</sup> / <sub>16</sub>	SAF 528	SAF 628	PER 122	LER 122
5 <sup>3</sup> / <sub>16</sub>	SAF 530	SAF 630	PER 125	LER 125
5 <sup>7</sup> / <sub>16</sub>	SAF 532	SAF 632	PER 130	LER 130
5 <sup>15</sup> / <sub>16</sub>	SAF 534	SAF 634	PER 140	LER 140
6 <sup>7</sup> / <sub>16</sub>	SAF 536	SAF 636	PER 148	LER 148
6 <sup>15</sup> / <sub>16</sub>	SAF 538	SAF 638	PER 155	LER 155
7 <sup>3</sup> / <sub>16</sub>	SAF 540	SAF 640	PER 159	LER 159
7 <sup>15</sup> / <sub>16</sub>	SAF 544	--	PER 167	LER 167





Housing No.	Shaft Dia. d1	D (mm)	a	b	C	h	Static Oil Level h1	L	w	m		n
										max.	min.	
SAF 509	1 <sup>7</sup> / <sub>16</sub>	85	8 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>32</sub>	3 <sup>7</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	7	6 <sup>1</sup> / <sub>4</sub>	--
SAF 510	1 <sup>11</sup> / <sub>16</sub>	90	8 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>32</sub>	3 <sup>7</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	7	6 <sup>1</sup> / <sub>2</sub>	--
SAF 511	1 <sup>15</sup> / <sub>16</sub>	100	9 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	--
SAF 513	2 <sup>3</sup> / <sub>16</sub>	120	11	3 <sup>1</sup> / <sub>8</sub>	1	3	1 <sup>3</sup> / <sub>32</sub>	4 <sup>1</sup> / <sub>4</sub>	5 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>8</sub>	2
SAF 515	2 <sup>7</sup> / <sub>16</sub>	130	11 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	8 <sup>5</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>
SAF 516	2 <sup>11</sup> / <sub>16</sub>	140	13	3 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	11	9 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>

Housing No.	Shaft Dia. d1	D (mm)	a	b	C	h	Static Oil Level h1	L	w	m		n
										max.	min.	
SAF 609	1 <sup>7</sup> / <sub>16</sub>	100	9 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1	2 <sup>3</sup> / <sub>4</sub>	1 <sup>9</sup> / <sub>32</sub>	4 <sup>1</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	--
SAF 610	1 <sup>11</sup> / <sub>16</sub>	110	10 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	3	1 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>	5 <sup>13</sup> / <sub>16</sub>	9	7 <sup>3</sup> / <sub>4</sub>	--
SAF 611	1 <sup>15</sup> / <sub>16</sub>	120	11	3 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>8</sub>	2
SAF 613	2 <sup>3</sup> / <sub>16</sub>	140	13	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>32</sub>	5 <sup>1</sup> / <sub>4</sub>	6 <sup>15</sup> / <sub>16</sub>	11	9 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>

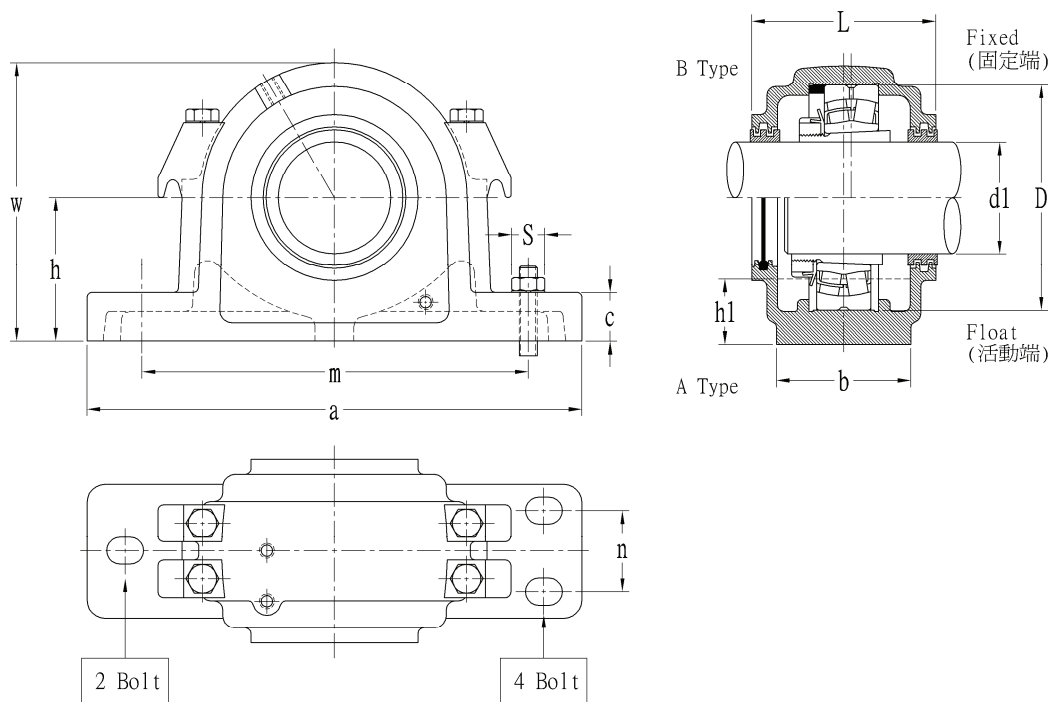


1. Specify "FSAF" when plummer block with 4 bolt base are required.
2. Unless specified "B" type open housing will be supplied.

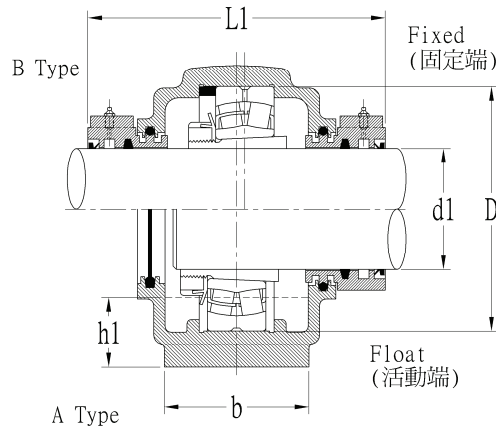
Unit : Inch

L1	S		Mass Complete In lbs (ref.)	Bearing No.	Adapter Sleeve	Locating Ring		Labyrinth Seal	PER Seal	Taconite Seal
	2 Bolt	4 Bolt				Number	Q,ty			
5 <sup>15</sup> / <sub>16</sub>	<sup>1</sup> / <sub>2</sub>	--	10.5	22209 K	SNW 9	SR-9-8	1	LER 17	PER17	TER 17
6 <sup>1</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub>	--	11.5	22210 K	SNW 10	SR-10-0	1	LER 20	PER20	TER 20
6 <sup>5</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	--	13.5	22211 K	SNW 11	SR-11-0	1	LER 24	PER24	TER 24
6 <sup>15</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub>	21	22213 K	SNW 13	SR-13-0	1	LER 29	PER29	TER 29
7 <sup>5</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub>	24	22215 K	SNW 15	SR-15-0	1	LER 37	PER37	TER 37
7 <sup>1</sup> / <sub>4</sub>	<sup>3</sup> / <sub>4</sub>	<sup>5</sup> / <sub>8</sub>	32	22216 K	SNW 16	SR-16-13	1	LER 44	PER44	TER 44

L1	S		Mass Complete In lbs (ref.)	Bearing No.	Adapter Sleeve	Locating Ring		Labyrinth Seal	PER Seal	Taconite Seal
	2 Bolt	4 Bolt				Number	Q,ty			
6 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	--	17	22309 K	SNW 109	SR-11-9	1	LER 17	PER17	TER 17
7 <sup>3</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	--	22	22310 K	SNW 110	SR-0-10	1	LER 20	PER20	TER 20
7 <sup>5</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	<sup>1</sup> / <sub>2</sub>	27	22311 K	SNW 111	SR-13-11	1	LER 24	PER24	TER 24
--	<sup>3</sup> / <sub>4</sub>	<sup>5</sup> / <sub>8</sub>	39	22313 K	SNW 113	SR-16-13	1	LER 32	PER32	TER 32



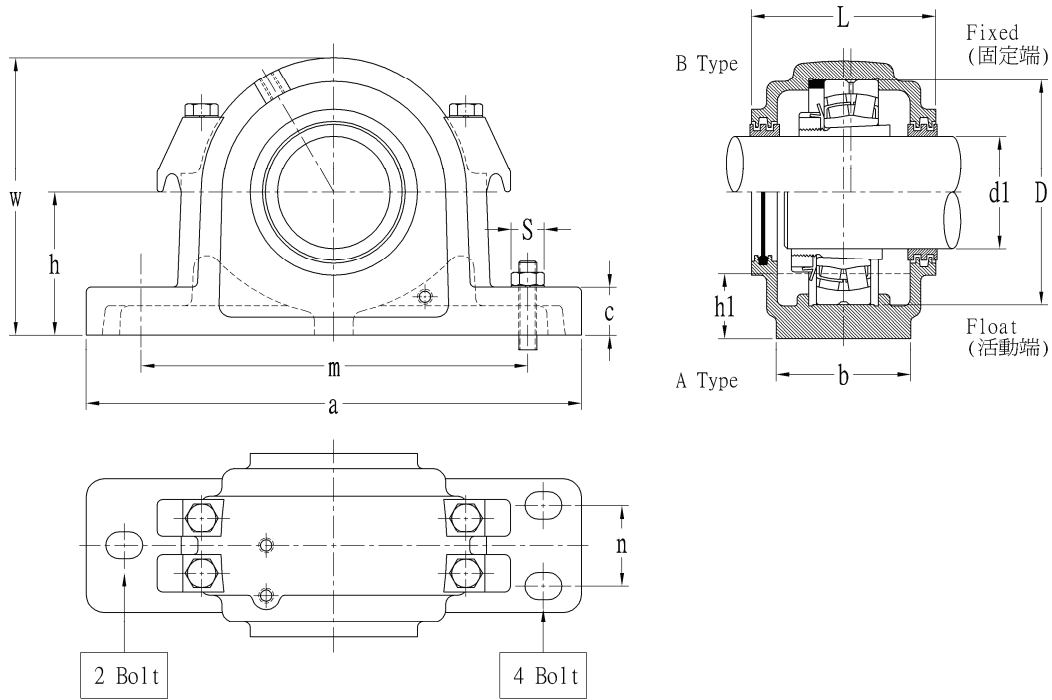
Housing No.	Shaft Dia. d1	D (mm)	a	b	c	h	Static Oil Level h1	L	w	m		n
										max.	min.	
SAF 517	2 <sup>15</sup> / <sub>16</sub>	150	13	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>8</sub>	4 <sup>13</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>16</sub>	11	9 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 518	3 <sup>3</sup> / <sub>16</sub>	160	13 <sup>3</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	4	1 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>4</sub>	11 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 520	3 <sup>7</sup> / <sub>16</sub>	180	15 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	1 <sup>21</sup> / <sub>32</sub>	5 <sup>13</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>
SAF 522	3 <sup>15</sup> / <sub>16</sub>	200	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2	4 <sup>15</sup> / <sub>16</sub>	1 <sup>25</sup> / <sub>32</sub>	6 <sup>7</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	12 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>
SAF 524	4 <sup>3</sup> / <sub>16</sub>	215	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	1 <sup>27</sup> / <sub>32</sub>	7 <sup>1</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>
SAF 526	4 <sup>7</sup> / <sub>16</sub>	230	18 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>11</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	16	14 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>
SAF 528	4 <sup>15</sup> / <sub>16</sub>	250	20 <sup>1</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>1</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>8</sub>	16	3 <sup>3</sup> / <sub>8</sub>
SAF 530	5 <sup>3</sup> / <sub>16</sub>	270	21 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	6 <sup>5</sup> / <sub>16</sub>	2	8 <sup>1</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>4</sub>	17	3 <sup>3</sup> / <sub>4</sub>
SAF 532	5 <sup>7</sup> / <sub>16</sub>	290	22	6 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>11</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	13 <sup>5</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>
SAF 534	5 <sup>15</sup> / <sub>16</sub>	310	24 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>32</sub>	9 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>16</sub>	21 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>
SAF 536	6 <sup>7</sup> / <sub>16</sub>	320	26 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	3	7 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>	20 <sup>7</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>
SAF 538	6 <sup>15</sup> / <sub>16</sub>	340	28	7 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	15 <sup>11</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>8</sub>	21 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>
SAF 540	7 <sup>3</sup> / <sub>16</sub>	360	29 <sup>1</sup> / <sub>2</sub>	8	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>32</sub>	11	16 <sup>1</sup> / <sub>2</sub>	25	22 <sup>1</sup> / <sub>2</sub>	5
SAF 544	7 <sup>15</sup> / <sub>16</sub>	400	32 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	18 <sup>5</sup> / <sub>8</sub>	27 <sup>7</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>



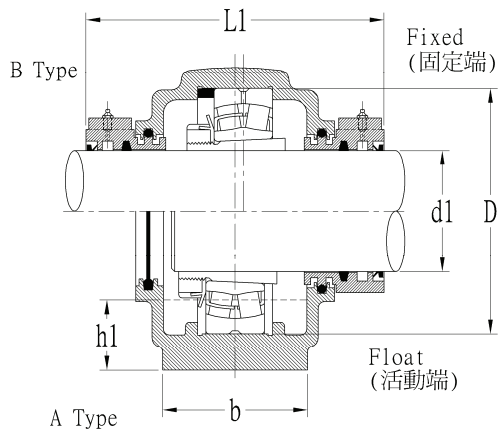
1. Specify "FSAF" when plummer block with 4 bolt base are required.
2. Unless specified "B" type open housing will be supplied.

Unit : Inch

L1	S		Mass Complete In lbs (ref.)	Bearing No.	Adapter Sleeve	Locating Ring		Labyrinth Seal	PER Seal	Taconite Seal
	2 Bolt	4 Bolt				Number	Q.ty			
7 <sup>3</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	<sup>5</sup> / <sub>8</sub>	35	22217 K	SNW 17	SR-17-14	1	LER 53	PER 53	TER 53
7 <sup>3</sup> / <sub>4</sub>	<sup>3</sup> / <sub>4</sub>	<sup>5</sup> / <sub>8</sub>	44	22218 K	SNW 18	SR-18-15	1	LER 188	PER 188	TER 188
8 <sup>3</sup> / <sub>4</sub>	<sup>7</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	74	22220 K	SNW 20	SR-20-17	1	LER 102	PER 102	TER 102
9 <sup>1</sup> / <sub>8</sub>	--	<sup>3</sup> / <sub>4</sub>	97	22222 K	SNW 22	SR-22-19	1	LER 109	PER 109	TER 109
9 <sup>13</sup> / <sub>16</sub>	--	<sup>3</sup> / <sub>4</sub>	121	22224 K	SNW 24	SR-24-20	1	LER 113	PER 113	TER 113
10 <sup>7</sup> / <sub>16</sub>	--	<sup>7</sup> / <sub>8</sub>	161	22226 K	SNW 26	SR-26-0	1	LER 117	PER 117	TER 117
10 <sup>1</sup> / <sub>16</sub>	--	1	174	22228 K	SNW 28	SR-28-0	1	LER 122	PER 122	TER 122
10 <sup>13</sup> / <sub>16</sub>	--	1	221	22230 K	SNW 30	SR-30-0	1	LER 125	PER 125	TER 125
11 <sup>3</sup> / <sub>16</sub>	--	1	246	22232 K	SNW 32	SR-32-0	1	LER 130	PER 130	TER 130
11 <sup>15</sup> / <sub>16</sub>	--	1	310	22234 K	SNW 34	SR-34-0	1	LER 140	PER 140	TER 140
12 <sup>5</sup> / <sub>16</sub>	--	1	345	22236 K	SNW 36	SR-36-30	1	LER 148	PER 148	TER 148
13 <sup>3</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>4</sub>	400	22238 K	SNW 38	SR-38-32	1	LER 155	PER 155	TER 155
13 <sup>11</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>4</sub>	492	22240 K	SNW 40	SR-40-34	1	LER 159	PER 159	TER 159
14 <sup>7</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>2</sub>	672	22244 K	SNW 44	SR-44-38	1	LER 167	PER 167	TER 167



Housing No.	Shaft Dia. d1	D (mm)	a	b	c	h	Static Oil Level h1	L	w	m		n
										max.	min.	
SAF 615	2 <sup>7</sup> / <sub>16</sub>	160	13 <sup>3</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	4	1 <sup>19</sup> / <sub>32</sub>	5 <sup>7</sup> / <sub>8</sub>	7 <sup>13</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 616	2 <sup>11</sup> / <sub>16</sub>	170	14 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	10 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 617	2 <sup>15</sup> / <sub>16</sub>	180	15 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>
SAF 618	3 <sup>3</sup> / <sub>16</sub>	190	15 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>8</sub>	2	4 <sup>3</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>2</sub>	12	2 <sup>1</sup> / <sub>4</sub>
SAF 620	3 <sup>7</sup> / <sub>16</sub>	215	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>32</sub>	7 <sup>1</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>
SAF 622	3 <sup>15</sup> / <sub>16</sub>	240	18 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>13</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	16	14 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>
SAF 624	4 <sup>3</sup> / <sub>16</sub>	260	21 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	6 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>4</sub>	17	3 <sup>3</sup> / <sub>4</sub>
SAF 626	4 <sup>7</sup> / <sub>16</sub>	280	22	6 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	13 <sup>5</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>
SAF 628	4 <sup>15</sup> / <sub>16</sub>	300	24 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>16</sub>	21 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>
SAF 630	5 <sup>3</sup> / <sub>16</sub>	320	26 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	3	7 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>	20 <sup>7</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>
SAF 632	5 <sup>7</sup> / <sub>16</sub>	340	28	7 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	2 <sup>11</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	15 <sup>11</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>8</sub>	21 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>
SAF 634	5 <sup>15</sup> / <sub>16</sub>	360	29 <sup>1</sup> / <sub>2</sub>	8	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	11	16 <sup>1</sup> / <sub>2</sub>	25	22 <sup>1</sup> / <sub>2</sub>	5
SAF 636	6 <sup>7</sup> / <sub>16</sub>	380	31 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	8 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>4</sub>	26 <sup>5</sup> / <sub>8</sub>	24	5 <sup>1</sup> / <sub>4</sub>
SAF 638	6 <sup>15</sup> / <sub>16</sub>	400	32 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	18 <sup>5</sup> / <sub>8</sub>	27 <sup>7</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>
SAF 640	7 <sup>3</sup> / <sub>16</sub>	420	34 <sup>1</sup> / <sub>4</sub>	9	4	9 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>	20	29 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>

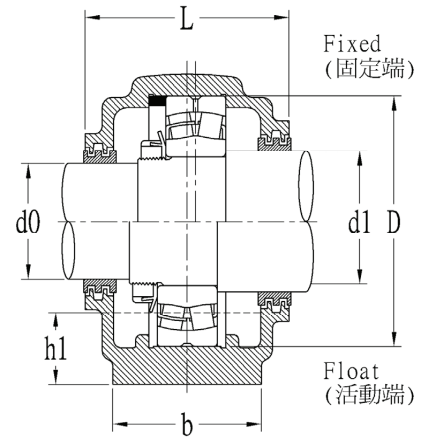
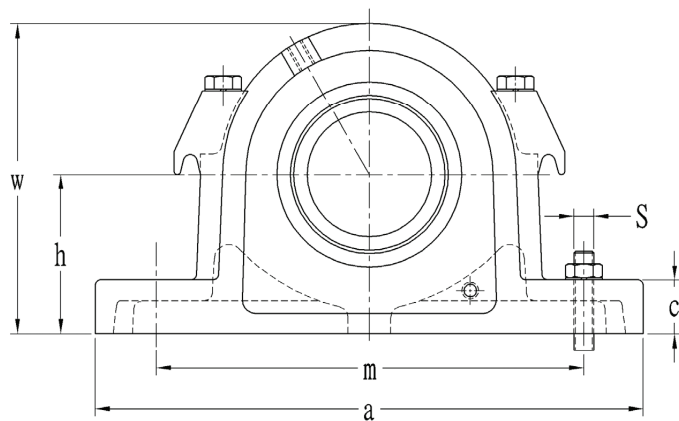


1. Specify "FSAF" when plummer block with 4 bolt base are required.
2. Unless specified "B" type open housing will be supplied.

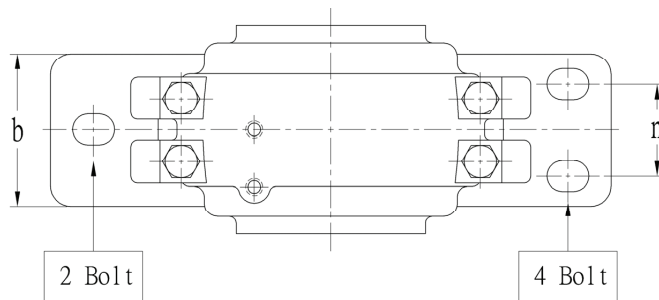
Unit : Inch

L1	S		Mass Complete In lbs (ref.)	Bearing No.	Adapter Sleeve	Locating Ring		Labyrinth Seal	PER Seal	Taconite Seal
	2 Bolt	4 Bolt				Number	Q,ty			
8 <sup>9</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	<sup>5</sup> / <sub>8</sub>	55	22315 K	SNW 115	SR-18-15	1	LER 37	PER 37	TER 37
8 <sup>5</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	<sup>5</sup> / <sub>8</sub>	66	22316 K	SNW 116	SR-19-16	1	LER 44	PER 44	TER 44
9 <sup>1</sup> / <sub>16</sub>	<sup>7</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	87	22317 K	SNW 117	SR-20-17	1	LER 184	PER 184	TER 184
8 <sup>7</sup> / <sub>8</sub>	--	<sup>3</sup> / <sub>4</sub>	97	22318 K	SNW 118	SR-21-18	1	LER 188	PER 188	TER 188
10 <sup>1</sup> / <sub>16</sub>	--	<sup>3</sup> / <sub>4</sub>	127	22320 K	SNW 120	SR-24-20	1	LER 102	PER 102	TER 102
10 <sup>7</sup> / <sub>16</sub>	--	<sup>7</sup> / <sub>8</sub>	166	22322 K	SNW 122	SR-0-22	1	LER 109	PER 109	TER 109
10 <sup>13</sup> / <sub>16</sub>	--	1	224	22324 K	SNW 124	SR-0-24	1	LER 113	PER 113	TER 113
11 <sup>3</sup> / <sub>16</sub>	--	1	263	22326 K	SNW 126	SR-0-26	1	LER 117	PER 117	TER 117
11 <sup>15</sup> / <sub>16</sub>	--	1	329	22328 K	SNW 128	SR-0-28	1	LER 122	PER 122	TER 122
12 <sup>5</sup> / <sub>16</sub>	--	1	374	22330 K	SNW 130	SR-36-30	1	LER 125	PER 125	TER 125
13 <sup>3</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>4</sub>	430	22332 K	SNW 132	SR-38-32	1	LER 130	PER 130	TER 130
13 <sup>5</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>4</sub>	515	22334 K	SNW 134	SR-40-34	1	LER 140	PER 140	TER 140
13 <sup>13</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>4</sub>	560	22336 K	SNW 136	SR-0-36	1	LER 148	PER 148	TER 148
14 <sup>7</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>2</sub>	650	22338 K	SNW 138	SR-44-38	1	LER 155	PER 155	TER 155
14 <sup>9</sup> / <sub>16</sub>	--	1 <sup>1</sup> / <sub>2</sub>	682	22340 K	SNW 140	SR-0-40	1	LER 159	PER 159	TER 159





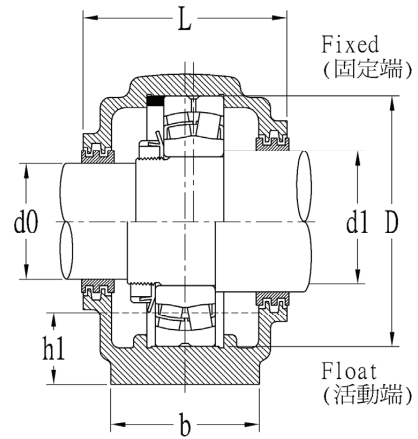
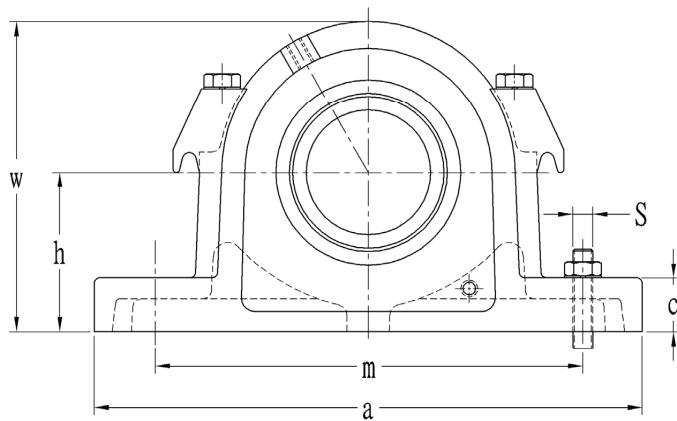
Housing No.	D (mm)	a	b	c	h	Static Oil Level h1	L	w	m		n
									max.	min.	
SAF 216	140	13	3 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	11	9 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 217	150	13	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	7 <sup>5</sup> / <sub>16</sub>	11	9 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 218	160	13 <sup>3</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	4	1 <sup>1</sup> / <sub>2</sub>	5 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>4</sub>	11 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 220	180	15 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	1 <sup>21</sup> / <sub>32</sub>	5 <sup>13</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>
SAF 222	200	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2	4 <sup>15</sup> / <sub>16</sub>	1 <sup>25</sup> / <sub>32</sub>	6 <sup>7</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	12 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>
SAF 224	215	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	1 <sup>27</sup> / <sub>32</sub>	7 <sup>1</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>
SAF 226	230	18 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>11</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	16	14 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>
SAF 228	250	20 <sup>1</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>1</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>8</sub>	16	3 <sup>3</sup> / <sub>8</sub>
SAF 230	270	21 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	6 <sup>5</sup> / <sub>16</sub>	2	8 <sup>1</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>4</sub>	17	3 <sup>3</sup> / <sub>4</sub>
SAF 232	290	22	6 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>11</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	13 <sup>5</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>
SAF 234	310	24 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>32</sub>	9 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>16</sub>	21 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>
SAF 236	320	26 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	3	7 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>	20 <sup>7</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>
SAF 238	340	28	7 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	15 <sup>11</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>8</sub>	21 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>
SAF 240	360	29 <sup>1</sup> / <sub>2</sub>	8	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	2 <sup>15</sup> / <sub>32</sub>	11	16 <sup>1</sup> / <sub>2</sub>	25	22 <sup>1</sup> / <sub>2</sub>	5
SAF 244	400	32 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	18 <sup>5</sup> / <sub>8</sub>	27 <sup>7</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>



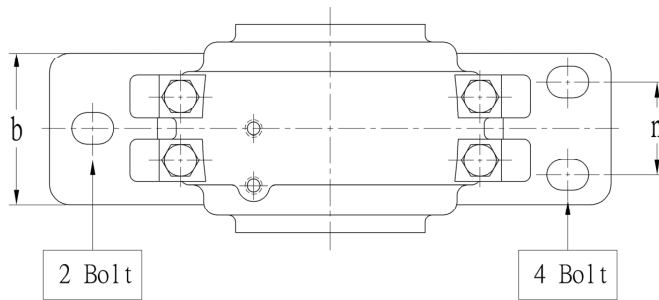
1. Specify "FSAF" when plummer block with 4 bolt base are required.
2. Unless specified "B" type open housing will be supplied.
3. 訂購時請註明大小孔  $d0$  和  $d1$  的直徑(shaft)

Unit : Inch

S		Shaft Dia.		Triple Seal Ring		Bearing No.	Lock Nut	Lock Washer	Locating Ring	
2 Bolt	4 Bolt	$d1$	$d0$	$d1$	$d0$				Number	Q.ty
$\frac{3}{4}$	$\frac{5}{8}$	$3\frac{5}{8}$	3	LER 82	LER 54	22216	AN16	W16	SR-16-13	1
$\frac{3}{4}$	$\frac{5}{8}$	$3\frac{15}{16}$	$3\frac{3}{16}$	LER 89	LER 63	22217	AN17	W17	SR-17-14	1
$\frac{3}{4}$	$\frac{5}{8}$	$4\frac{1}{8}$	$3\frac{3}{8}$	LER 96	LER 72	22218	AN18	W18	SR-18-15	1
$\frac{7}{8}$	$\frac{3}{4}$	$4\frac{1}{2}$	$3\frac{13}{16}$	LER118	LER106	22220	AN20	W20	SR-20-17	1
--	$\frac{3}{4}$	$4\frac{7}{8}$	$4\frac{3}{16}$	LER121	LER113	22222	AN22	W22	SR-22-19	1
--	$\frac{3}{4}$	$5\frac{5}{16}$	$4\frac{9}{16}$	LER127	LER119	22224	AN24	W24	SR-24-20	1
--	$\frac{7}{8}$	$5\frac{7}{8}$	$4\frac{15}{16}$	LER136	LER122	22226	AN26	W26	SR-26-0	1
--	1	$6\frac{1}{4}$	$5\frac{5}{16}$	LER144	LER127	22228	AN28	W28	SR-28-0	1
--	1	$6\frac{5}{8}$	$5\frac{3}{4}$	LER151	LER134	22230	AN30	W30	SR-30-0	1
--	1	7	$6\frac{1}{16}$	LER156	LER142	22232	AN32	W32	SR-32-0	1
--	1	$7\frac{7}{16}$	$6\frac{7}{16}$	LER161	LER148	22234	AN34	W34	SR-34-0	1
--	1	$7\frac{13}{16}$	$6\frac{7}{8}$	LER165	LER154	22236	AN36	W36	SR-36-30	1
--	$1\frac{1}{4}$	$8\frac{3}{8}$	$7\frac{1}{4}$	LER171	LER160	22238	AN38	W38	SR-38-32	1
--	$1\frac{1}{4}$	$8\frac{3}{4}$	$7\frac{5}{8}$	LER175	LER164	22240	AN40	W40	SR-40-34	1
--	$1\frac{1}{2}$	$9\frac{9}{16}$	$8\frac{5}{16}$	LER179	LER170	22244	N44	W44	SR-44-38	1



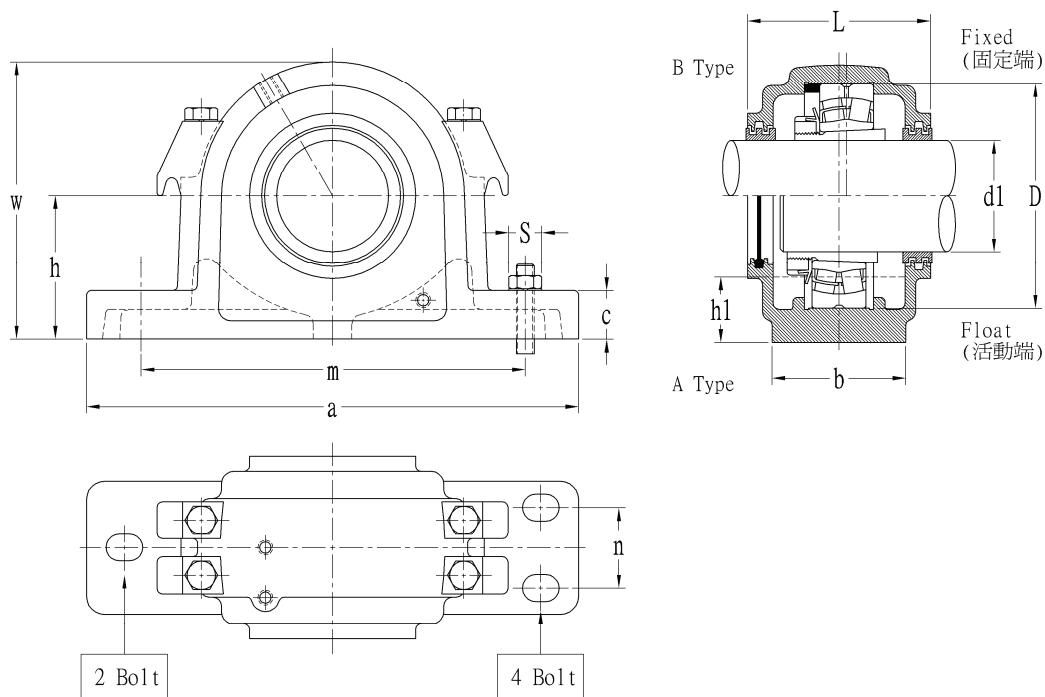
Housing No.	D (mm)	a	b	c	h	Static Oil Level h1	L	w	m		n
									max.	min.	
SAF 309	100	9 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1	2 <sup>3</sup> / <sub>4</sub>	1 <sup>9</sup> / <sub>32</sub>	4 <sup>1</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	--
SAF 310	110	10 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	3	1 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>	5 <sup>13</sup> / <sub>16</sub>	9	7 <sup>3</sup> / <sub>4</sub>	--
SAF 311	120	11	3 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>8</sub>	2
SAF 313	140	13	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>32</sub>	5 <sup>1</sup> / <sub>4</sub>	6 <sup>15</sup> / <sub>16</sub>	11	9 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 315	160	13 <sup>3</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	4	1 <sup>19</sup> / <sub>32</sub>	5 <sup>7</sup> / <sub>8</sub>	7 <sup>13</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 316	170	14 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	1 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	10 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
SAF 317	180	15 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>
SAF 318	190	15 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>8</sub>	2	4 <sup>3</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>2</sub>	12	2 <sup>1</sup> / <sub>4</sub>
SAF 320	215	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>32</sub>	7 <sup>1</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>
SAF 322	240	18 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>13</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	16	14 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>
SAF 324	260	21 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	6 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>4</sub>	17	3 <sup>3</sup> / <sub>4</sub>
SAF 326	280	22	6 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	13 <sup>5</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>
SAF 328	300	24 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>16</sub>	21 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>
SAF 330	320	26 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	3	7 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>	20 <sup>7</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>
SAF 332	340	28	7 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	2 <sup>11</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	15 <sup>11</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>8</sub>	21 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>
SAF 334	360	29 <sup>1</sup> / <sub>2</sub>	8	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	11	16 <sup>1</sup> / <sub>2</sub>	25	22 <sup>1</sup> / <sub>2</sub>	5
SAF 336	380	31 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	8 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>4</sub>	26 <sup>5</sup> / <sub>8</sub>	24	5 <sup>1</sup> / <sub>4</sub>
SAF 338	400	32 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	18 <sup>5</sup> / <sub>8</sub>	27 <sup>7</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>
SAF 340	420	34 <sup>1</sup> / <sub>4</sub>	9	4	9 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>	20	29 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>



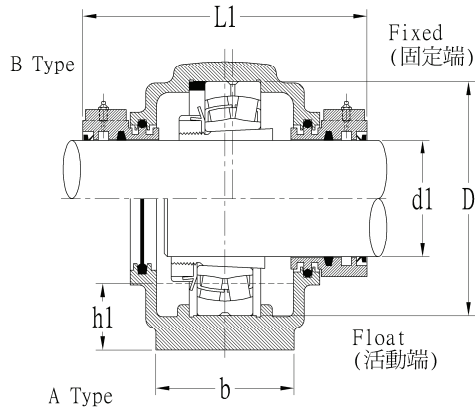
1. Specify "FSAF" when plummer block with 4 bolt base are required.
2. Unless specified "B" type open housing will be supplied.
3. 訂購時請註明大小孔  $d0$  和  $d1$  的直徑(shaft)

Unit : Inch

S		Shaft Dia.		Triple Seal Ring		Bearing No.	Lock Nut	Lock Washer	Locating Ring	
2 Bolt	4 Bolt	$d1$	$d0$	$d1$	$d0$				Number	Q,ty
$\frac{5}{8}$	--	$2\frac{1}{8}$	$1\frac{11}{16}$	LER 28	LER 20	22309	N09	W09	SR-11-9	1
$\frac{5}{8}$	--	$2\frac{3}{8}$	$1\frac{7}{8}$	LER 35	LER 23	22310	N10	W10	SR-0-10	1
$\frac{5}{8}$	$\frac{1}{2}$	$2\frac{9}{16}$	$2\frac{1}{16}$	LER 40	LER 27	22311	N11	W11	SR-13-11	1
$\frac{3}{4}$	$\frac{5}{8}$	$3\frac{1}{16}$	$2\frac{7}{16}$	LER 55	LER 37	22313	N13	W13	SR-16-13	1
$\frac{3}{4}$	$\frac{5}{8}$	$3\frac{7}{16}$	$2\frac{13}{16}$	LER 79	LER 46	22315	AN15	W15	SR-18-15	1
$\frac{3}{4}$	$\frac{5}{8}$	$3\frac{5}{8}$	3	LER 84	LER 60	22316	AN16	W16	SR-19-16	1
$\frac{7}{8}$	$\frac{3}{4}$	$3\frac{15}{16}$	$3\frac{3}{16}$	LER109	LER188	22317	AN17	W17	SR-20-17	1
--	$\frac{3}{4}$	$4\frac{1}{8}$	$3\frac{3}{8}$	LER112	LER191	22318	AN18	W18	SR-21-18	1
--	$\frac{3}{4}$	$4\frac{1}{2}$	$3\frac{13}{16}$	LER118	LER106	22320	AN20	W20	SR-24-20	1
--	$\frac{7}{8}$	$4\frac{7}{8}$	$4\frac{3}{16}$	LER121	LER113	22322	AN22	W22	SR-0-22	1
--	1	$5\frac{5}{16}$	$4\frac{9}{16}$	LER127	LER119	22324	AN24	W24	SR-0-24	1
--	1	$5\frac{7}{8}$	$4\frac{15}{16}$	LER136	LER122	22326	AN26	W26	SR-0-26	1
--	1	$6\frac{1}{4}$	$5\frac{5}{16}$	LER144	LER127	22328	AN28	W28	SR-0-28	1
--	1	$6\frac{5}{8}$	$5\frac{3}{4}$	LER151	LER134	22330	AN30	W30	SR-36-30	1
--	$1\frac{1}{4}$	7	$6\frac{1}{16}$	LER156	LER142	22332	AN32	W32	SR-38-32	1
--	$1\frac{1}{4}$	$7\frac{7}{16}$	$6\frac{7}{16}$	LER161	LER148	22334	AN34	W34	SR-40-34	1
--	$1\frac{1}{4}$	$7\frac{13}{16}$	$6\frac{7}{8}$	LER165	LER154	22336	AN36	W36	SR-0-36	1
--	$1\frac{1}{2}$	$8\frac{3}{8}$	$7\frac{1}{4}$	LER171	LER160	22338	AN38	W38	SR-44-38	1
--	$1\frac{1}{2}$	$8\frac{3}{4}$	$7\frac{5}{8}$	LER175	LER164	22340	AN40	W40	SR-0-40	1



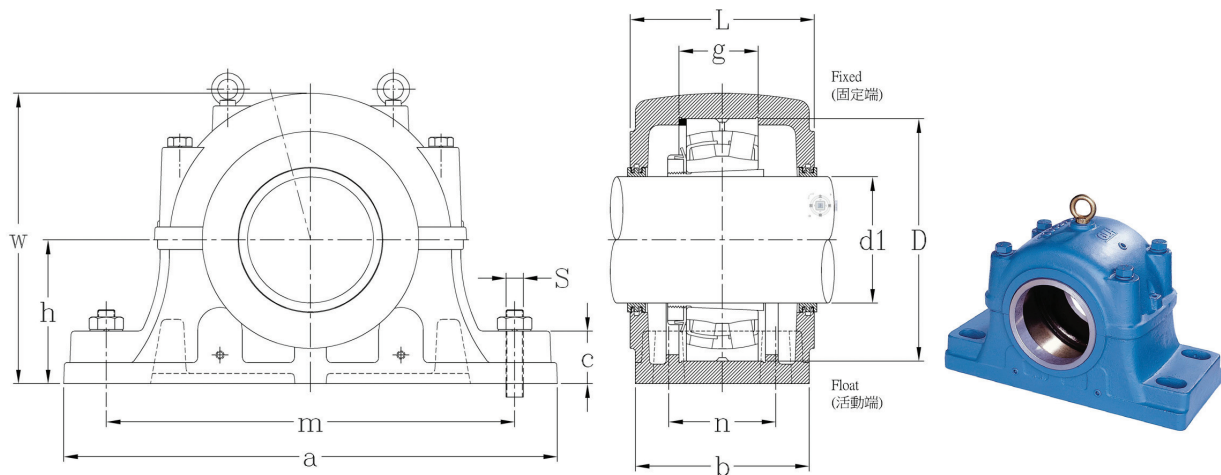
Housing No.	Shaft Dia d1	D (mm)	a	b	c	h	Static Oil Level h1	L	L1	w	m	
											max.	min.
SAF 024KA	4 <sup>3</sup> / <sub>16</sub>	180	15 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	1 <sup>9</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>
SAF 026KA	4 <sup>7</sup> / <sub>16</sub>	200	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2	4 <sup>15</sup> / <sub>16</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	9	9 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	12 <sup>5</sup> / <sub>8</sub>
SAF 028KA	4 <sup>15</sup> / <sub>16</sub>	210	16 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	1 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	9 <sup>11</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>4</sub>
SAF 030KA	5 <sup>3</sup> / <sub>16</sub>	225	18 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>7</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>2</sub>	16	14 <sup>5</sup> / <sub>8</sub>
SAF 032KA	5 <sup>7</sup> / <sub>16</sub>	240	18 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	2 <sup>1</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>2</sub>	16	14 <sup>5</sup> / <sub>8</sub>
SAF 034KA	5 <sup>15</sup> / <sub>16</sub>	260	20 <sup>1</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6	1 <sup>23</sup> / <sub>32</sub>	7 <sup>3</sup> / <sub>8</sub>	9 <sup>15</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>8</sub>	16
SAF 036KA	6 <sup>7</sup> / <sub>16</sub>	280	22	6 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>11</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>16</sub>	13 <sup>5</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>
SAF 038KA	6 <sup>15</sup> / <sub>16</sub>	290	22	6 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>11</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>16</sub>	13 <sup>5</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>
SAF 040KA	7 <sup>3</sup> / <sub>16</sub>	310	24 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>	1 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>16</sub>	21 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>
SAF 044KA	7 <sup>15</sup> / <sub>16</sub>	340	28	7 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>16</sub>	15 <sup>11</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>8</sub>	21 <sup>5</sup> / <sub>8</sub>
SAF 048KA	8 <sup>7</sup> / <sub>16</sub>	360	29 <sup>1</sup> / <sub>2</sub>	8	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	11	14 <sup>15</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	25	22 <sup>1</sup> / <sub>2</sub>
	8 <sup>1</sup> / <sub>2</sub>											
	8 <sup>15</sup> / <sub>16</sub>											
	9											
SAF 052KA	9 <sup>7</sup> / <sub>16</sub> 9 <sup>1</sup> / <sub>2</sub>	400	32 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>15</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>8</sub>	19 <sup>7</sup> / <sub>16</sub>	27 <sup>7</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>4</sub>
SAF 056KA	9 <sup>15</sup> / <sub>16</sub>	420	34 <sup>1</sup> / <sub>4</sub>	9	4	9 <sup>7</sup> / <sub>8</sub>	2 <sup>15</sup> / <sub>16</sub>	12	14 <sup>5</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>16</sub>	29 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>4</sub>
	10											
	10 <sup>7</sup> / <sub>16</sub>											
	10 <sup>1</sup> / <sub>2</sub>											



1. Unless specified "B" type open housing will be supplied.

Unit : Inch

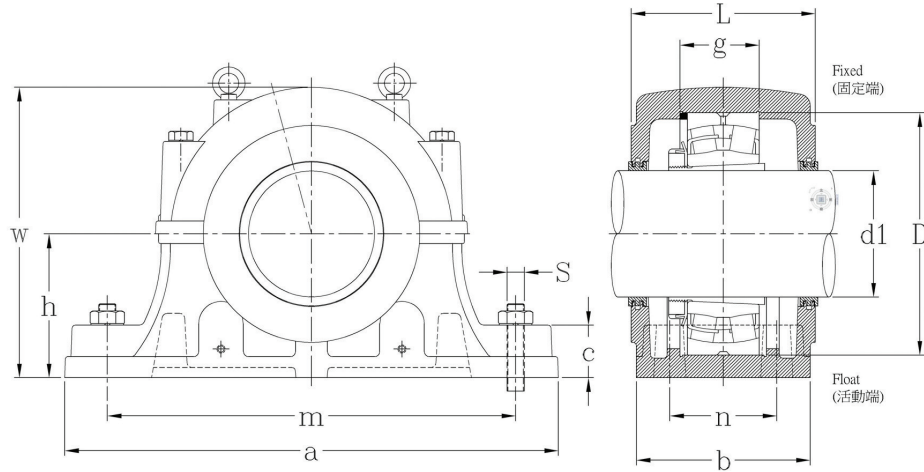
n	S		Mass Complete In lbs (ref.)	Bearing No.	Adapter Sleeve	Locating Ring		Labyrinth Seal	PER Seal	Taconite Seal
	2Bolt	4Bolt				Number	Q.ty			
2 <sup>3</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	73	23024 K	SNW 3024-4 <sup>3</sup> / <sub>16</sub>	38151-24	2	LER 113	PER 113	TER 113
2 <sup>3</sup> / <sub>4</sub>	--	3 <sup>3</sup> / <sub>4</sub>	95	23026 K	SNW 3026-4 <sup>7</sup> / <sub>16</sub>	38151-26	2	LER 117	PER 117	TER 117
2 <sup>3</sup> / <sub>4</sub>	--	3 <sup>3</sup> / <sub>4</sub>	115	23028 K	SNW 3028-4 <sup>15</sup> / <sub>16</sub>	36053-50	2	LER 122	PER 122	TER 122
3 <sup>1</sup> / <sub>4</sub>	--	7 <sup>7</sup> / <sub>8</sub>	155	23030 K	SNW 3030-5 <sup>3</sup> / <sub>16</sub>	SR-0-21	2	LER 125	PER 125	TER 125
3 <sup>1</sup> / <sub>4</sub>	--	7 <sup>7</sup> / <sub>8</sub>	140	23032 K	SNW 3032-5 <sup>7</sup> / <sub>16</sub>	38151-32	2	LER 130	PER 130	TER 130
3 <sup>3</sup> / <sub>8</sub>	--	1	170	23034 K	SNW 3034-5 <sup>15</sup> / <sub>16</sub>	SR-0-24	2	LER 140	PER 140	TER 140
3 <sup>3</sup> / <sub>4</sub>	--	1	225	23036 K	SNW 3036-6 <sup>7</sup> / <sub>16</sub>	38151-36	2	LER 148	PER 148	TER 148
3 <sup>3</sup> / <sub>4</sub>	--	1	235	23038 K	SNW 3038-6 <sup>15</sup> / <sub>16</sub>	38151-38	2	LER 155	PER 155	TER 155
4 <sup>1</sup> / <sub>4</sub>	--	1	300	23040 K	SNW 3040-7 <sup>3</sup> / <sub>16</sub>	38151-40	2	LER 159	PER 159	TER 159
4 <sup>1</sup> / <sub>2</sub>	--	1 <sup>1</sup> / <sub>4</sub>	385	23044 K	SNW 3044-7 <sup>15</sup> / <sub>16</sub>	36053-140	2	LER 167	PER 167	TER 167
5	--	1 <sup>1</sup> / <sub>4</sub>	480	23048 K	SNP 3048-8 <sup>7</sup> / <sub>16</sub>	A-8897	2	LER 550	PER 550	TER 550
					SNP 3048-8 <sup>1</sup> / <sub>2</sub>			LER 551	PER 551	TER 551
					SNP 3048-8 <sup>15</sup> / <sub>16</sub>			LER 552	PER 552	TER 552
					SNP 3048-9			LER 513	PER 513	TER 513
5 <sup>1</sup> / <sub>4</sub>	--	1 <sup>1</sup> / <sub>2</sub>	650	23052 K	SNP 3052-9 <sup>7</sup> / <sub>16</sub>	A-8898	2	LER 553	PER 553	TER 553
					SNP 3052-9 <sup>1</sup> / <sub>2</sub>			LER 178	PER 178	TER 178
5 <sup>1</sup> / <sub>2</sub>	--	1 <sup>1</sup> / <sub>2</sub>	650	23056 K	SNP 3056-9 <sup>15</sup> / <sub>16</sub>	A-8819	2	ER 751	PER 751	TER 751
					SNP 3056-10			ER 705	PER 705	TER 705
					SNP 3056-10 <sup>7</sup> / <sub>16</sub>			ER 745	PER 745	TER 745
					SNP 3056-10 <sup>1</sup> / <sub>2</sub>			ER 710	PER 710	TER 710



Unit : Inch

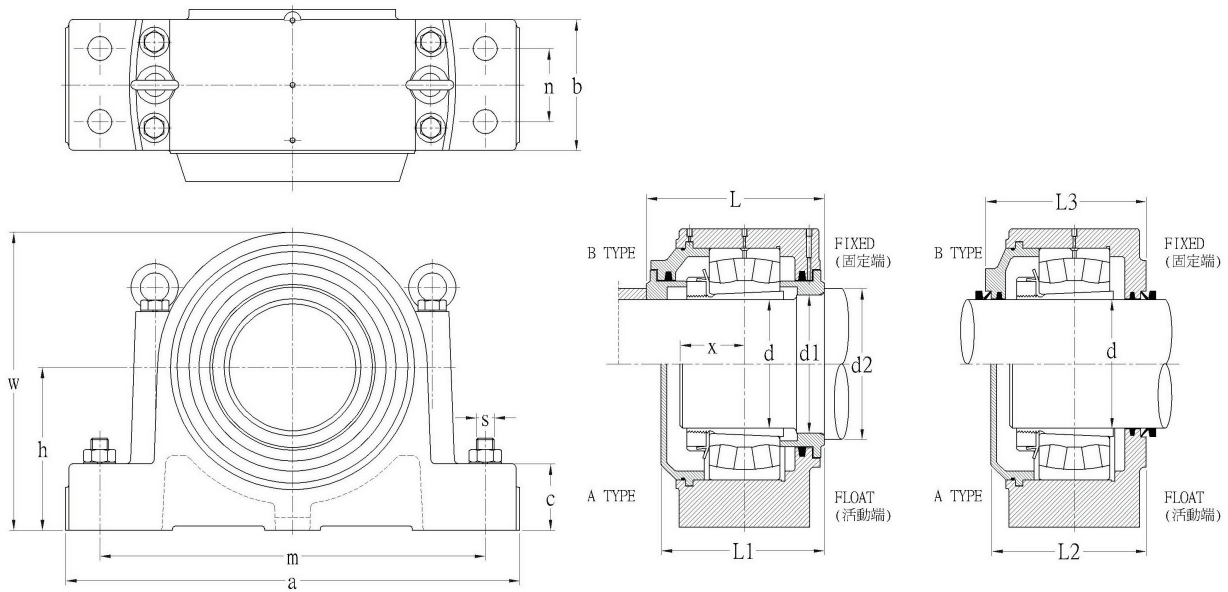
Housing No.	Shaft Dia d1	D (mm)	g (mm)	a	b	c	h	L	w	n	m		S Bolt	Bearing No.	Labyrinth Seal
											max.	min.			
SDAF 3060K	10 <sup>15</sup> / <sub>16</sub> 11	460	128	38 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	12	15 <sup>1</sup> / <sub>8</sub>	23 <sup>7</sup> / <sub>16</sub>	9	33 <sup>1</sup> / <sub>2</sub>	32 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	23060K	ER858 ER825
SDAF 3064K	11 <sup>7</sup> / <sub>16</sub> 11 <sup>1</sup> / <sub>2</sub> 11 <sup>15</sup> / <sub>16</sub> 12	480	131	38 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	12	15 <sup>1</sup> / <sub>8</sub>	23 <sup>7</sup> / <sub>16</sub>	9	33 <sup>1</sup> / <sub>2</sub>	32 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	23064K	ER861 ER832 ER859 ER818
SDAF 3068K	12 <sup>7</sup> / <sub>16</sub> 12 <sup>1</sup> / <sub>2</sub>	520	143	39	15 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>16</sub>	12	15 <sup>3</sup> / <sub>4</sub>	24	10	33 <sup>1</sup> / <sub>2</sub>	32	1 <sup>7</sup> / <sub>8</sub>	23068K	ER865 ER866
SDAF 3072K	12 <sup>15</sup> / <sub>16</sub> 13 13 <sup>7</sup> / <sub>16</sub> 13 <sup>1</sup> / <sub>2</sub>	540	144	41 <sup>3</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	12 <sup>13</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	36 <sup>1</sup> / <sub>2</sub>	35	1 <sup>7</sup> / <sub>8</sub>	23072K	ER869 ER846 ER872 ER823
SDAF 3076K	13 <sup>15</sup> / <sub>16</sub> 14	560	145	41 <sup>3</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	12 <sup>13</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	36 <sup>1</sup> / <sub>2</sub>	35	1 <sup>7</sup> / <sub>8</sub>	23076K	ER875 ER876
SDAF 3080K	14 <sup>15</sup> / <sub>16</sub> 15	600	158	46	17 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>4</sub>	29	11	40 <sup>3</sup> / <sub>4</sub>	39 <sup>1</sup> / <sub>4</sub>	2	23080K	ER882 ER847
SDAF 3084K	15 <sup>3</sup> / <sub>4</sub>	620	160	46	17 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>4</sub>	29	11	40 <sup>3</sup> / <sub>4</sub>	39 <sup>1</sup> / <sub>4</sub>	2	23084K	ER969
SDAF 3088K	16 <sup>1</sup> / <sub>2</sub>	650	177	48 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	19 <sup>1</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>4</sub>	43 <sup>1</sup> / <sub>2</sub>	41 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	23088K	ER958
SDAF 3092K	17	680	183	48 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	19 <sup>1</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>4</sub>	43 <sup>1</sup> / <sub>2</sub>	41 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	23092K	ER838
SDAF 3096K	18	700	185	53	21	5 <sup>1</sup> / <sub>2</sub>	17	21 <sup>3</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>8</sub>	44 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	23096K	ER888
SDAF 30/500K	18 <sup>1</sup> / <sub>2</sub>	720	187	53	21	5 <sup>1</sup> / <sub>2</sub>	17	21 <sup>3</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>8</sub>	44 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	230/500K	ER978
SDAF 30/530K	19 <sup>1</sup> / <sub>2</sub>	780	205	54 <sup>1</sup> / <sub>4</sub>	21 <sup>5</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>4</sub>	18	22 <sup>1</sup> / <sub>4</sub>	35 <sup>3</sup> / <sub>4</sub>	15	48 <sup>7</sup> / <sub>8</sub>	47 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	230/530K	ER926





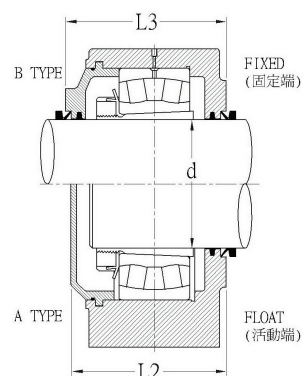
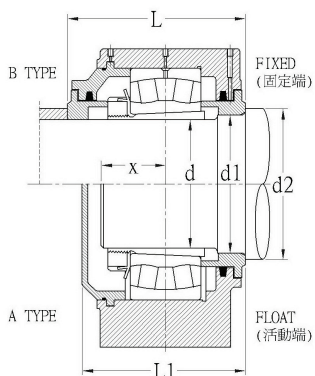
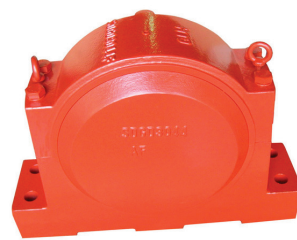
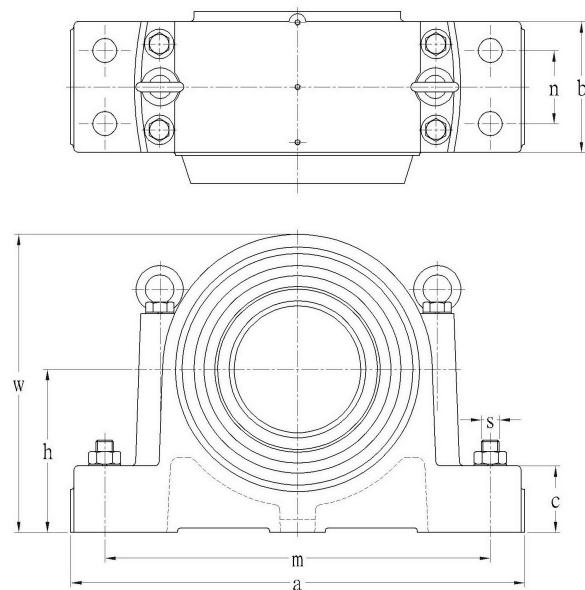
Unit : Inch

Housing No.	Shaft Dia d1	D (mm)	g (mm)	a	b	c	h	L	w	n	m		S Bolt	Bearing No.	Labyrinth Seal
											max.	min.			
SDAF 3152K	9 <sup>7/16</sup> 9 <sup>1/2</sup>	440	164	35	13 <sup>1/8</sup>	3 <sup>3/4</sup>	10 <sup>1/4</sup>	14	20 <sup>7/8</sup>	8 <sup>3/4</sup>	30 <sup>1/2</sup>	29	1 <sup>5/8</sup>	23152K	LER533 LER178
SDAF 3156K	9 <sup>5/16</sup> 10 10 <sup>7/16</sup> 10 <sup>1/2</sup>	460	166	38 <sup>3/4</sup>	14 <sup>3/4</sup>	4	12	15 <sup>1/8</sup>	23 <sup>7/16</sup>	9	33 <sup>1/2</sup>	32 <sup>3/4</sup>	1 <sup>5/8</sup>	23156K	ER751 ER705 ER745 ER710
SDAF 3160K	10 <sup>15/16</sup> 11	500	180	38 <sup>3/4</sup>	14 <sup>3/4</sup>	4	12	15 <sup>1/8</sup>	23 <sup>7/16</sup>	9	33 <sup>1/2</sup>	32 <sup>3/4</sup>	1 <sup>5/8</sup>	23160K	ER858 ER825
SDAF 3164K	11 <sup>7/16</sup> 11 <sup>1/2</sup> 11 <sup>15/16</sup> 12	540	196	41 <sup>3/4</sup>	15 <sup>3/4</sup>	4 <sup>1/2</sup>	12 <sup>13/16</sup>	15 <sup>7/8</sup>	25 <sup>3/4</sup>	10 <sup>1/2</sup>	36 <sup>1/2</sup>	35	1 <sup>7/8</sup>	23164K	ER861 ER832 ER859 ER818
SDAF 3168K	12 <sup>7/16</sup> 12 <sup>1/2</sup>	580	210	43 <sup>3/4</sup>	17 <sup>3/4</sup>	5	14	18 <sup>3/16</sup>	27 <sup>7/8</sup>	10 <sup>3/4</sup>	38 <sup>1/4</sup>	36 <sup>3/4</sup>	2	23168K	ER865 ER866
SDAF 3172K	12 <sup>15/16</sup> 13 13 <sup>7/16</sup> 13 <sup>1/2</sup>	600	212	46	17 <sup>1/8</sup>	5 <sup>1/4</sup>	14 <sup>1/2</sup>	17 <sup>1/4</sup>	28 <sup>7/8</sup>	11	40 <sup>3/4</sup>	39 <sup>1/4</sup>	2	23172K	ER869 ER846 ER872 ER823
SDAF 3176K	13 <sup>15/16</sup> 14	620	214	46	17 <sup>1/8</sup>	5 <sup>1/4</sup>	14 <sup>1/2</sup>	17 <sup>1/4</sup>	28 <sup>7/8</sup>	11	40 <sup>3/4</sup>	39 <sup>1/4</sup>	2	23176K	ER875 ER876
SDAF 3180K	14 <sup>15/16</sup> 15	650	220	48 <sup>3/4</sup>	18 <sup>3/4</sup>	5 <sup>1/2</sup>	15 <sup>1/2</sup>	19 <sup>1/4</sup>	30 <sup>1/2</sup>	12 <sup>1/4</sup>	43 <sup>1/2</sup>	41 <sup>3/4</sup>	2 <sup>1/4</sup>	23180K	ER882 ER847
SDAF 3184K	15 <sup>3/4</sup>	700	244	53	21	5 <sup>1/2</sup>	17	21 <sup>3/4</sup>	33 <sup>3/4</sup>	14 <sup>1/2</sup>	46 <sup>1/8</sup>	44 <sup>3/8</sup>	2 <sup>1/4</sup>	23184K	ER969
SDAF 3188K	16 <sup>1/2</sup>	720	246	53	21	5 <sup>1/2</sup>	17	21 <sup>3/4</sup>	33 <sup>3/4</sup>	14 <sup>1/2</sup>	46 <sup>1/8</sup>	44 <sup>3/8</sup>	2 <sup>1/4</sup>	23188K	ER958
SDAF 3192K	17	760	260	54 <sup>1/4</sup>	21 <sup>5/8</sup>	5 <sup>3/4</sup>	18	22 <sup>3/4</sup>	35 <sup>3/4</sup>	15	48 <sup>7/8</sup>	47 <sup>1/8</sup>	2 <sup>1/2</sup>	23192K	ER838
SDAF 3196K	18	790	268	54 <sup>1/4</sup>	21 <sup>5/8</sup>	5 <sup>3/4</sup>	18	22 <sup>3/4</sup>	35 <sup>3/4</sup>	15	48 <sup>7/8</sup>	47 <sup>1/8</sup>	2 <sup>1/2</sup>	23196K	ER888



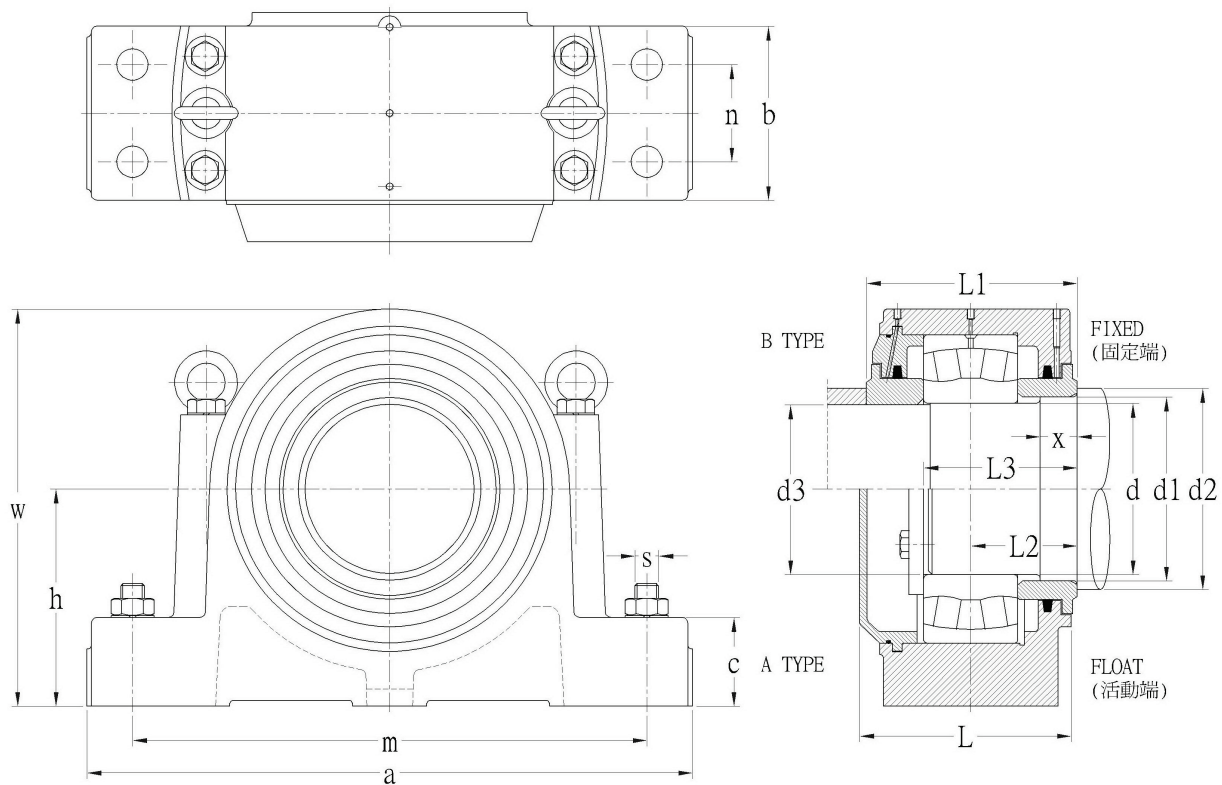
Unit : mm

Housing No.	d	d1	d2	a	m	L	L1	L2	L3	b	n	w	h	c	x	S Bolt	Bearing No.	Adapter Sleeve
HSDG2234	150	172	185	580	490	232	197	194	212	140	70	387	210	85	75	M24	22234K	H3134
HSDG2236	160	182	195	600	520	242	207	204	221	150	80	424	230	90	77	M24	22236K	H3136
HSDG3136	160	182	190	590	500	258	222	219	237	165	90	385	210	85	82	M30	23136K	H3136
HSDG2238	170	192	205	600	520	242	207	204	221	150	80	424	230	90	81	M24	22238K	H3138
HSDG3138	170	192	200	600	510	272	237	234	251	180	100	410	225	90	87	M30	23138K	H3138
HSDG2240	180	202	215	670	560	265	220	215	235	160	80	445	240	95	84	M30	22240K	H3140
HSDG3040	180	202	215	580	490	232	197	194	212	140	70	387	210	85	77	M24	23040K	H3040
HSDG3140	180	202	215	690	580	288	253	250	266	195	105	440	240	95	92	M36	23140K	H3140
HSDG2244	200	222	235	710	620	270	233	228	246	160	80	500	270	110	94	M30	22244K	H3144
HSDG3044	200	222	235	600	520	242	207	204	221	150	80	424	230	90	80	M24	23044K	H3044
HSDG3144	200	222	235	720	610	315	270	265	285	210	120	475	260	105	100	M36	23144K	H3144
HSDG2248	220	242	255	825	710	310	270	263	283	190	100	570	310	120	102	M36	22248K	H3148
HSDG3048	220	242	255	670	560	265	220	215	235	160	80	445	240	95	85	M30	23048K	H3048
HSDG3148	220	242	255	770	655	336	298	293	311	225	130	515	280	115	106	M36	23148K	H3148
HSDG2252	240	262	275	855	735	320	280	273	293	200	105	592	320	130	109	M36	22252K	H3152
HSDG3052	240	262	275	710	620	270	233	228	246	160	80	500	270	110	91	M30	23052K	H3052
HSDG3152	240	262	275	860	730	366	328	323	343	250	140	565	310	125	116	M42	23152K	H3152



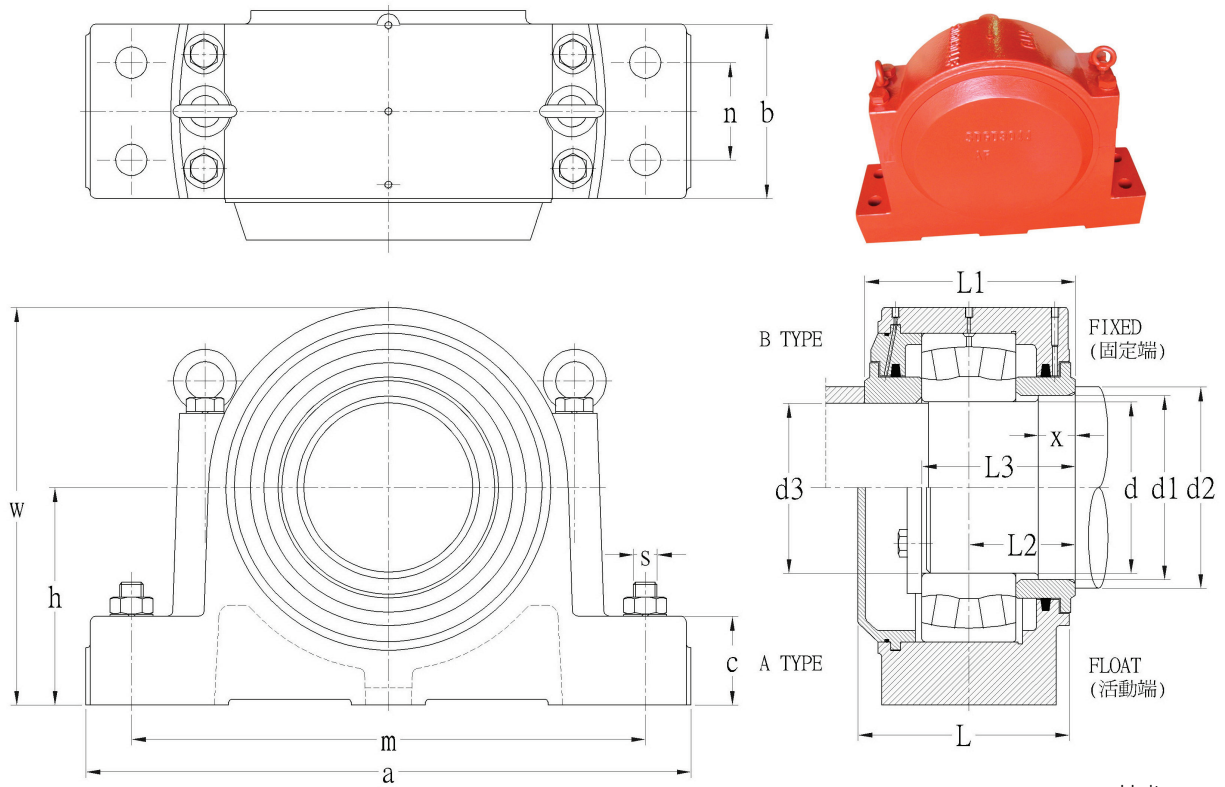
Unit :mm

Housing No.	d	d1	d2	a	m	L	L1	L2	L3	b	n	w	h	c	x	S Bolt	Bearing Adapter No.	Sleeve
HSDG2256	260	282	295	900	780	335	290	283	306	210	110	646	350	140	111	M36	22256K	H3156
HSDG3056	260	282	295	730	635	282	244	239	261	165	80	520	280	115	96	M30	23056K	H3056
HSDG3156	260	282	295	880	750	370	330	323	343	250	145	585	320	130	119	M42	23156K	H3156
HSDG2260	280	302	320	970	840	344	299	292	314	220	110	665	360	145	115	M42	22260K	H3160
HSDG3060	280	302	320	825	710	310	270	263	283	190	100	570	310	120	106	M36	23060K	H3060
HSDG3160	280	302	320	940	800	405	360	353	376	280	165	640	350	140	125	M42	23160K	H3160
HSDG2264	300	322	340	1060	920	365	320	312	332	240	120	740	400	160	132	M48	22264K	H3164
HSDG3064	300	322	340	855	735	320	280	273	293	200	105	592	320	130	108	M36	23064K	H3064
HSDG3164	300	322	340	1060	900	428	384	377	399	305	170	695	380	155	135	M48	23164K	H3164
HSDG3068	320	342	360	900	780	335	290	283	306	210	110	646	350	140	117	M36	23068K	H3068
HSDG3168	320	342	360	1110	940	465	420	412	432	340	195	750	410	165	155	M48	23168K	H3168
HSDG3072	340	362	380	970	840	344	299	292	314	220	110	665	360	145	118	M42	23072K	H3072
HSDG3172	340	362	380	1110	940	465	420	412	432	340	195	750	410	165	160	M48	23172K	H3172
HSDG3076	360	382	400	1000	870	354	309	302	324	230	110	685	370	150	121	M42	23076K	H3076
HSDG3176	360	382	400	1190	1010	468	425	418	438	340	195	790	430	175	163	M56	23176K	H3176
HSDG3080	380	402	420	1060	920	365	320	312	332	240	120	740	400	160	132	M48	23080K	H3080
HSDG3180	380	402	420	1230	1040	490	437	429	449	350	200	825	450	180	168	M56	23180K	H3180



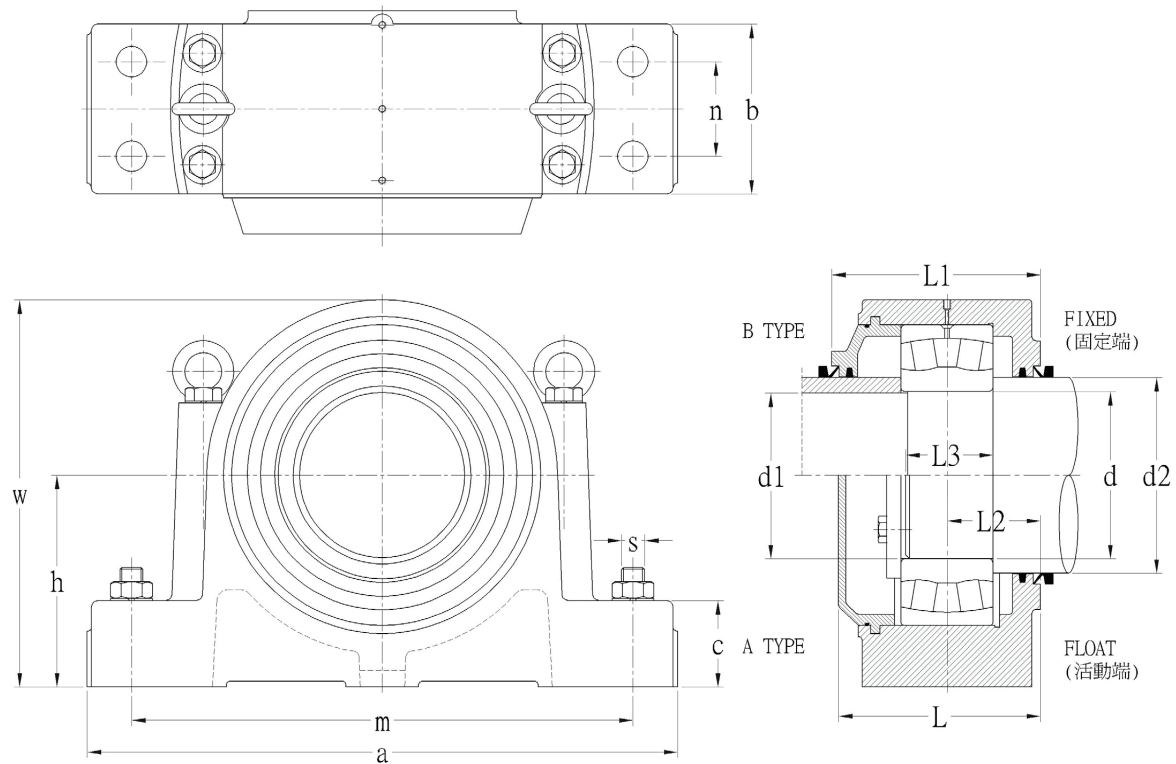
Unit :mm

Housing No.	d	d1	d2	d3	a	m	L	L1	L2	L3	b	n	w	h	c	x	S Bolt	Bearing No.
HSDG2234	170	172	185	168	580	490	197	194	97	138	140	70	385	210	85	38	M24	22234
HSDG2236	180	182	195	178	600	520	207	204	102	143	150	80	424	230	90	40	M24	22226
HSDG3136	180	182	190	178	590	500	222	220	110	156	165	90	385	210	85	44	M30	23136
HSDG2238	190	192	205	188	600	520	207	204	102	146	150	80	424	230	90	40	M24	22238
HSDG3138	190	192	200	188	600	510	237	234	117	167	180	100	410	225	90	46	M30	23138
HSDG2240	200	202	215	198	670	560	220	220	110	157	160	80	445	240	95	42	M30	22240
HSDG3040	200	202	215	198	580	490	197	194	97	135	140	70	385	210	85	40	M24	23040
HSDG3140	200	202	215	198	690	580	253	250	125	179	195	105	440	240	95	48	M36	23140
HSDG2244	220	222	235	218	710	620	233	226	113	165	160	80	500	270	110	42	M30	22244
HSDG3044	220	222	235	218	600	520	207	204	102	145	150	80	424	230	90	40	M24	23044
HSDG3144	220	222	235	218	720	610	270	270	135	193	210	120	475	260	105	52	M36	23144
HSDG2248	240	242	255	238	825	710	270	260	130	188	190	100	570	310	120	50	M36	22248
HSDG3048	240	242	255	238	670	560	220	220	110	152	160	80	445	240	95	45	M30	23048
HSDG3148	240	242	255	238	770	655	298	292	146	208	225	130	515	280	115	58	M36	23148
HSDG2252	260	262	275	258	855	735	280	270	135	197	200	105	592	320	130	50	M36	22252
HSDG3052	260	262	275	258	710	620	233	226	113	162	160	80	500	270	110	45	M30	23052
HSDG3152	260	262	275	258	880	730	328	316	158	228	250	140	565	310	125	60	M42	23152



Unit :mm

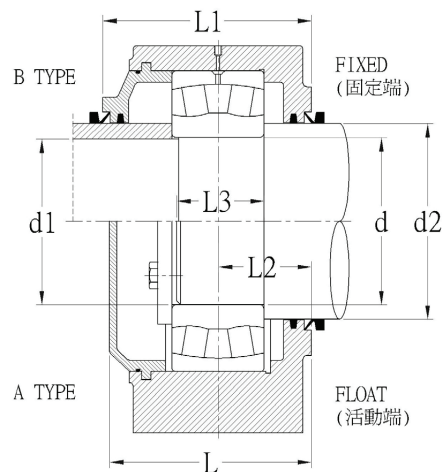
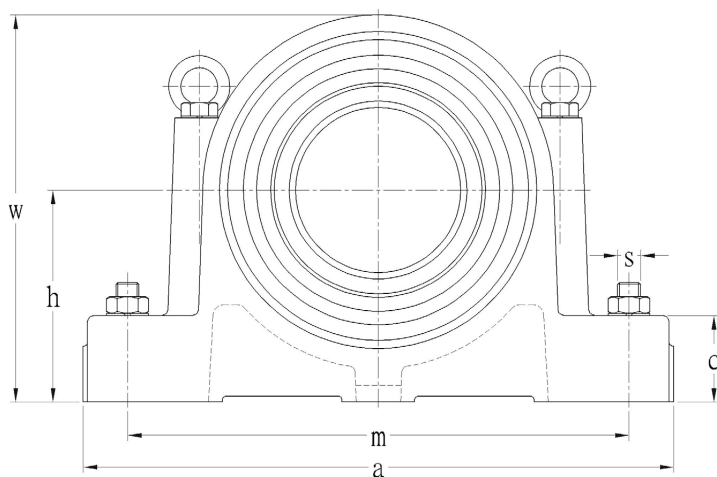
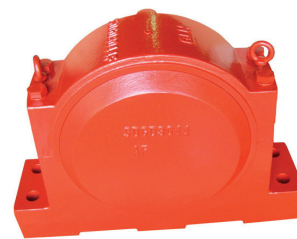
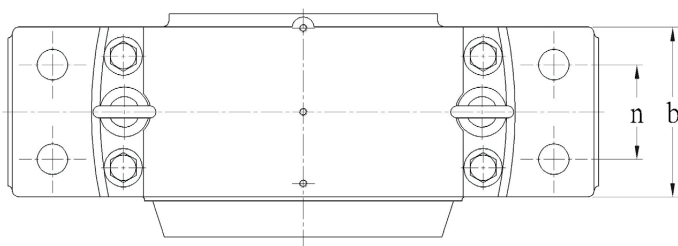
Housing No.	d	d1	d2	d3	a	m	L	L1	L2	L3	b	n	w	h	c	x	S Bolt	Bearing No.
HSDG2256	280	282	295	278	900	780	290	280	140	202	210	110	646	350	140	52	M36	22256
HSDG3056	280	282	295	278	730	635	244	232	116	167	165	80	520	280	115	45	M30	23056
HSDG3156	280	282	295	278	880	750	330	320	160	230	250	145	585	320	130	60	M42	23156
HSDG2260	300	302	315	298	970	840	299	288	144	211	220	110	665	360	145	52	M42	22260
HSDG3060	300	302	315	298	825	710	270	260	130	187	190	100	570	310	120	50	M36	23060
HSDG3160	300	302	315	298	940	800	360	350	175	252	280	165	640	350	140	68	M42	23160
HSDG2264	320	322	340	318	1060	920	320	300	150	222	240	120	740	400	160	52	M48	22264
HSDG3064	320	322	340	318	855	735	280	270	135	192	200	105	592	320	130	50	M36	23064
HSDG3164	320	322	340	318	1060	900	384	372	186	271	305	170	695	380	155	68	M48	23164
HSDG3068	340	342	360	338	900	780	290	280	140	204	210	110	646	350	140	50	M36	23068
HSDG3168	340	342	360	338	1110	940	420	400	200	292	340	195	750	410	165	74	M48	23168
HSDG3072	360	362	380	358	970	840	299	288	144	208	220	110	665	360	145	50	M42	23072
HSDG3172	360	362	380	358	1110	940	420	400	200	293	340	195	750	410	165	74	M48	23172
HSDG3076	380	382	400	378	1000	870	309	298	149	214	230	110	685	370	150	54	M42	23076
HSDG3176	380	382	400	378	1190	1010	425	400	200	294	340	195	790	430	175	74	M56	23176
HSDG3080	400	402	420	398	1060	920	320	300	150	220	240	120	740	400	160	55	M48	23080
HSDG3180	400	402	420	398	1230	1040	437	414	207	303	350	200	825	450	180	75	M56	23180



Unit :mm

Housing No.	d	d1	d2	a	m	L	L1	L2	L3	b	n	w	h	c	S Bolt	Bearing No.
HSDG2234	170	168	190	580	490	194	188	94	84	140	70	385	210	85	M24	22234
HSDG2236	180	178	200	600	520	204	198	99	84	150	80	424	230	90	M24	22226
HSDG3136	180	178	195	590	500	219	214	107	94	165	90	385	210	85	M30	23136
HSDG2238	190	188	210	600	520	204	198	99	90	150	80	424	230	90	M24	22238
HSDG3138	190	188	205	600	510	234	228	114	102	180	100	410	225	90	M30	23138
HSDG2240	200	198	220	670	560	215	210	105	96	160	80	445	240	95	M30	22240
HSDG3040	200	198	215	580	490	194	188	94	80	140	70	385	210	85	M24	23040
HSDG3140	200	198	215	690	580	250	244	122	110	195	105	440	240	95	M36	23140
HSDG2244	220	218	240	710	620	228	216	108	106	160	80	500	270	110	M30	22244
HSDG3044	220	218	235	600	520	204	198	99	88	150	80	424	230	90	M24	23044
HSDG3144	220	218	240	720	610	265	260	130	118	210	120	475	260	105	M36	23144
HSDG2248	240	238	260	825	710	263	246	123	118	190	100	570	310	120	M36	22248
HSDG3048	240	238	255	670	560	215	210	105	90	160	80	445	240	95	M30	23048
HSDG3148	240	238	260	770	655	293	282	141	126	225	130	515	280	115	M36	23148
HSDG2252	260	258	290	855	735	273	256	128	127	200	105	592	320	130	M36	22252
HSDG3052	260	258	280	710	620	228	216	108	102	160	80	500	270	110	M30	23052
HSDG3152	260	258	280	880	730	323	306	153	142	250	140	565	310	125	M42	23152

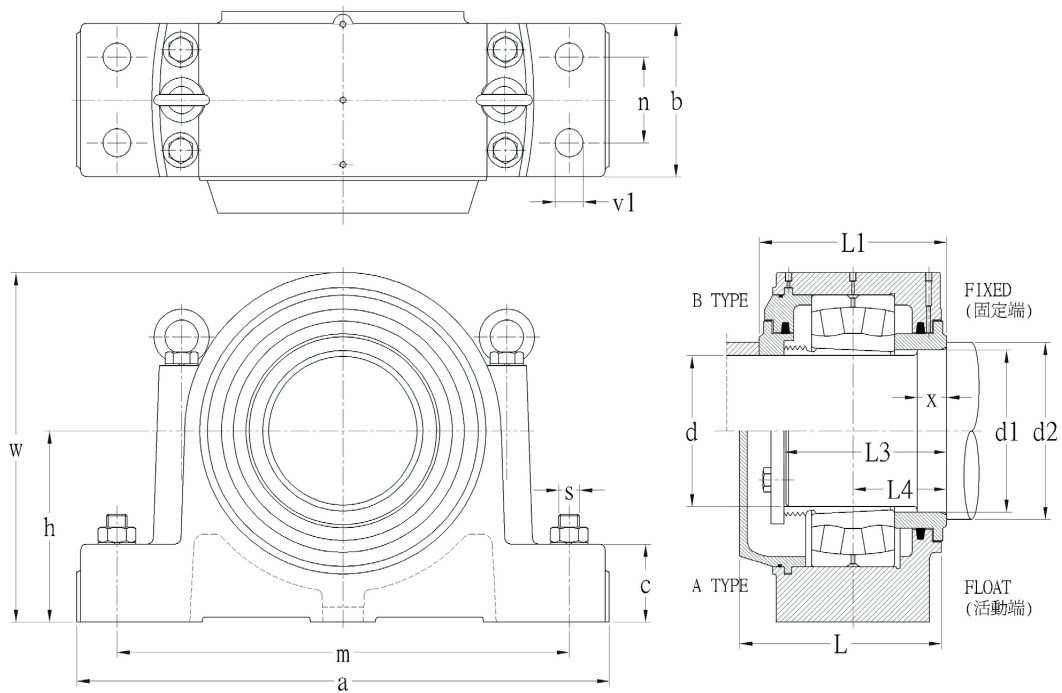




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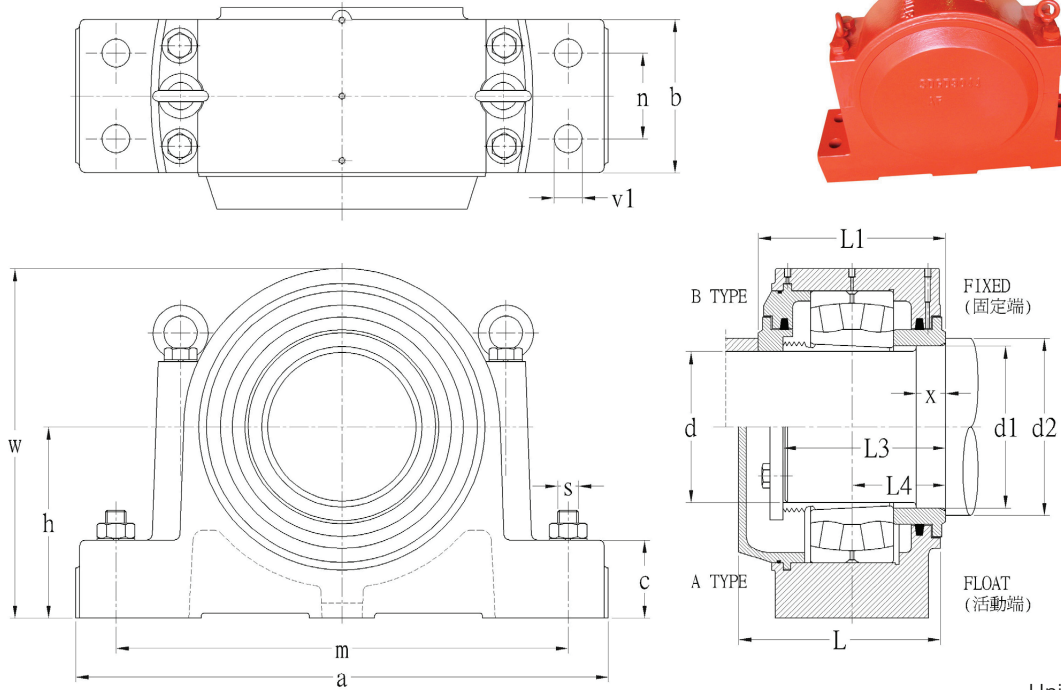
Housing No.	d	d1	d2	a	m	L	L1	L2	L3	b	n	w	h	c	S Bolt	Bearing No.
HSDG2256	280	278	310	900	780	283	266	133	127	210	110	646	350	140	M36	22256
HSDG3056	280	278	300	730	635	239	222	111	104	165	80	520	280	115	M30	23056
HSDG3156	280	278	310	880	750	323	306	153	143	250	145	585	320	130	M42	23156
HSDG2260	300	298	330	970	840	292	274	137	137	220	110	665	360	145	M42	22260
HSDG3060	300	298	320	825	710	263	246	123	116	190	100	570	310	120	M36	23060
HSDG3160	300	298	330	940	800	353	336	168	157	280	165	640	350	140	M42	23160
HSDG2264	320	318	350	1060	920	312	284	142	147	240	120	740	400	160	M48	22264
HSDG3064	320	318	340	855	735	273	256	128	119	200	105	592	320	130	M36	23064
HSDG3164	320	318	350	1060	900	377	358	179	173	305	170	695	380	155	M48	23164
HSDG3068	340	338	370	900	780	283	266	133	130	210	110	646	350	140	M36	23068
HSDG3168	340	338	370	1110	940	412	384	192	187	340	195	750	410	165	M48	23168
HSDG3072	360	358	390	970	840	292	274	137	131	220	110	665	360	145	M42	23072
HSDG3172	360	358	390	1110	940	412	384	102	189	340	195	750	410	165	M48	23172
HSDG3076	380	378	410	1000	870	302	284	142	132	230	110	685	370	150	M42	23076
HSDG3176	380	378	410	1190	1010	418	386	193	191	340	195	790	430	175	M56	23176
HSDG3080	400	398	430	1060	920	312	284	142	145	240	120	740	400	160	M48	23080
HSDG3180	400	398	430	1230	1040	429	398	199	196	350	200	825	450	180	M56	23180





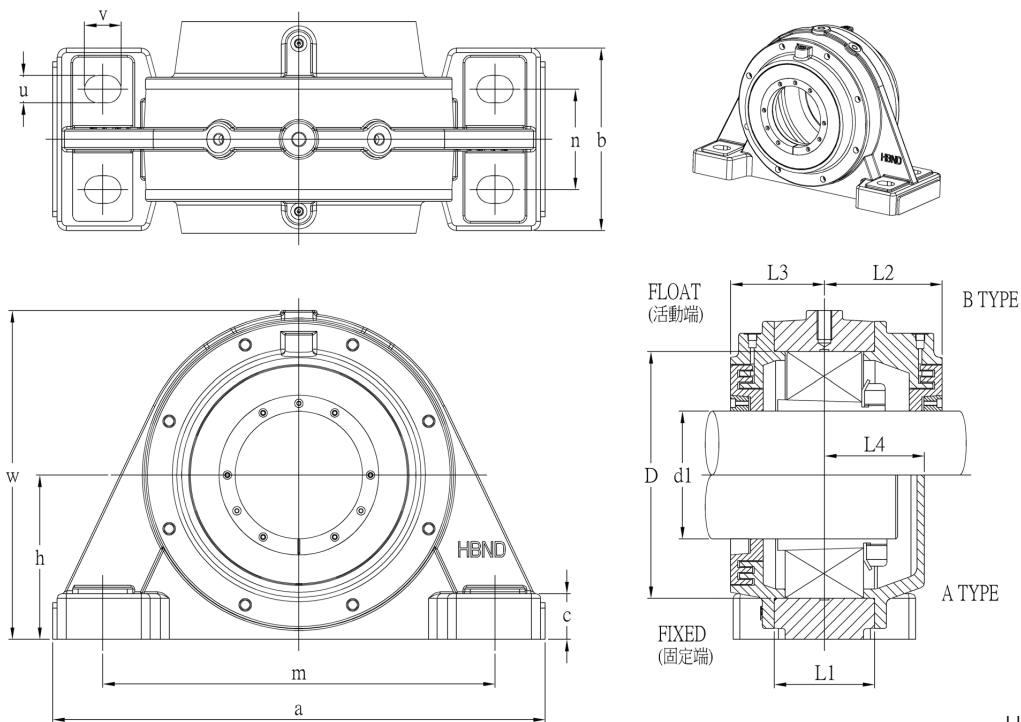
Unit :mm

Housing No.	d	d1	d2	a	m	L	L1	L3	L4	b	n	w	h	c	x	s	Bearing No.	Adapter Sleeve
HSDG2234	160	172	185	580	490	234	194	158	97	140	70	387	210	85	38	M24	22334K	AH3134
HSDG3234	160	172	180	590	500	260	220	190	110	165	90	385	210	85	38	M30	23234K	AH3234
HSDG2236	170	182	195	600	520	252	204	164	102	150	80	424	230	90	40	M24	22326K	AH2236
HSDG3136	170	182	190	590	500	260	220	180	10	165	90	385	210	85	44	M30	23136K	AH3136
HSDG3236	170	182	190	600	510	282	234	202	117	180	100	410	225	90	42	M30	23236K	AH3236
HSDG2238	180	192	205	600	520	252	204	168	102	150	80	424	230	90	40	M24	22238K	AH2238
HSDG3138	180	192	200	600	510	282	234	191	117	180	100	410	225	90	46	M30	23138K	AH3138
HSDG3238	180	192	205	690	580	297	250	212	125	195	105	440	240	95	45	M36	23238K	AH3238
HSDG2240	180	202	215	670	560	270	220	179	110	160	80	445	240	95	42	M30	22240K	AH2240
HSDG3040	180	202	215	580	490	234	194	159	97	140	70	387	210	85	40	M24	23040K	AH3040
HSDG3140	180	202	215	690	580	297	250	204	125	195	105	440	240	95	48	M36	23140K	AH3140
HSDG3240	180	202	215	720	610	320	270	226	135	210	120	475	260	105	50	M36	23240K	AH3240
HSDG2244	200	222	235	710	620	280	226	190	113	160	80	500	270	110	42	M30	22244K	AOH2244
HSDG3044	200	222	235	600	520	252	204	168	102	150	80	424	230	90	40	M24	23044K	AOH3044
HSDG3144	200	222	235	720	610	320	270	220	135	210	120	475	260	105	52	M36	23144K	AOH3144
HSDG3244	200	222	235	770	655	346	292	257	146	225	130	515	280	115	52	M36	23244K	AOH3244



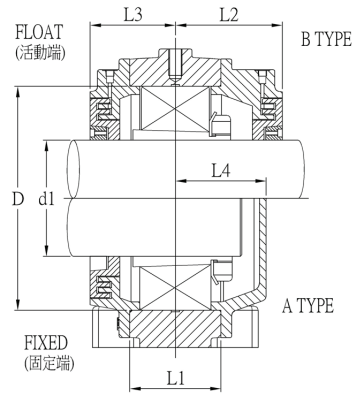
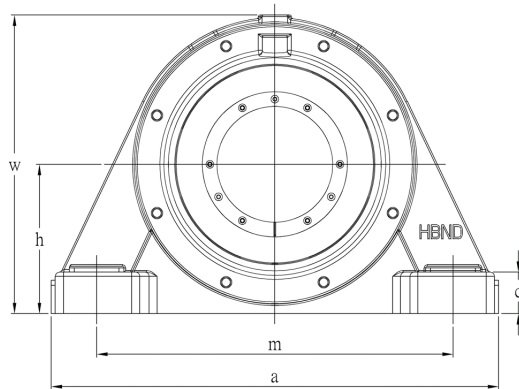
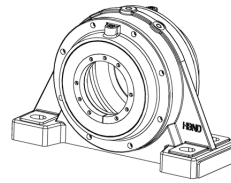
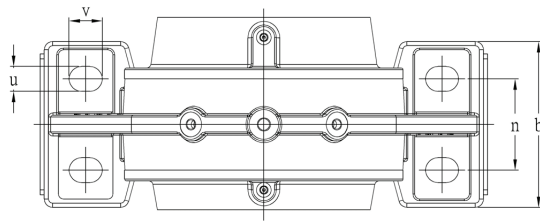
Unit :mm

Housing No.	d	d1	d2	a	m	L	L1	L3	L4	b	n	w	h	c	x	s	Bearing No.	Adapter Sleeve
HSDG2248	220	242	255	825	710	320	260	214	130	190	100	570	310	120	50	M36	22248K	AOH2248
HSDG3048	220	242	255	670	560	270	220	181	110	160	80	445	240	95	45	M30	23048K	AOH3048
HSDG3148	220	242	255	770	655	346	292	237	146	225	130	515	280	115	58	M36	23148K	AOH3148
HSDG3248	220	242	255	860	730	378	316	269	158	250	140	565	310	125	54	M42	23248K	AOH3248
HSDG2252	240	262	275	855	735	330	270	225	135	200	105	592	320	130	50	M36	22252K	AOH2252
HSDG3052	240	262	275	710	620	280	226	190	113	160	80	500	270	110	45	M30	23052K	AOH3052
HSDG3152	240	262	275	860	730	378	316	259	158	250	140	565	310	125	60	M42	23152K	AOH3152
HSDG3252	240	262	275	880	750	380	320	280	160	250	145	585	320	130	52	M42	23252K	AOH3252
HSDG2256	260	282	295	900	780	355	280	232	140	210	110	646	350	140	52	M36	22256K	AOH2256
HSDG3056	260	282	295	730	635	294	232	195	116	165	80	520	280	115	45	M30	23056K	AOH3056
HSDG3156	260	282	295	880	750	380	320	264	160	250	145	585	320	130	60	M42	23156K	AOH3156
HSDG3256	260	282	295	940	800	425	350	300	175	280	165	640	350	140	60	M42	23256K	AOH3256
HSDG2260	280	302	315	970	840	369	288	245	144	220	110	665	360	145	52	M42	22260K	AOH2260
HSDG3060	280	302	315	825	710	320	260	218	130	190	100	570	310	120	50	M36	23060K	AOH3060
HSDG3160	280	302	315	940	800	425	350	288	175	280	165	640	350	140	68	M42	23160K	AOH3160
HSDG3260	280	302	315	1060	900	454	372	318	186	305	170	695	380	155	64	M48	23260K	AOH3260



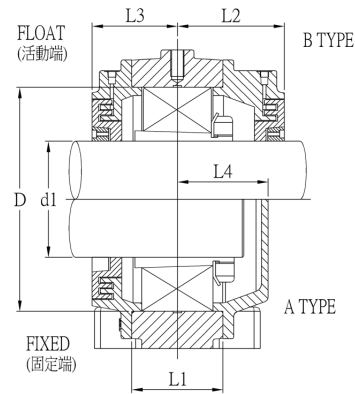
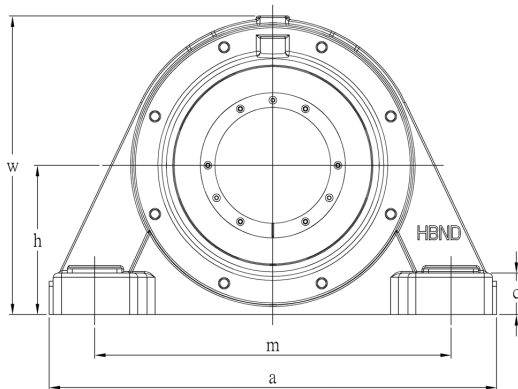
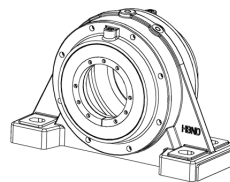
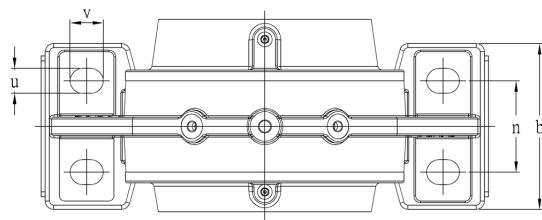
Unit :mm

Housing No.	Shaft Dia. d1	D	a	b	c	h	L1	L2	L3	L4	m	n	w	u	v	Eye Bolt
HBND 2213	60	120	300	100	32	90	50	65	48	48	240	50	180	19	26	M8
HBND 2220	90	180	400	120	40	130	65	90	78	63	320	65	255	30	35	M12
HBND 2222	100	200	440	130	42	140	73	95	83	67	350	70	280	30	35	M12
HBND 2224	110	215	470	140	42	150	77	99	84	69	370	75	300	30	35	M12
HBND 2226	115	230	500	150	45	160	84	100	95	70	400	85	315	30	40	M12
HBND 2228	125	250	530	160	50	170	88	108	98	78	430	85	345	30	42	M12
HBND 2230	135	270	550	170	54	180	97	112	102	82	450	90	365	36	45	M16
HBND 2232	140	290	600	180	58	190	106	121	106	86	490	105	385	36	45	M16
HBND 2234	150	310	640	200	62	200	111	131	116	91	525	110	405	36	45	M16
HBND 2236	160	320	680	210	65	210	114	135	120	95	550	120	425	36	45	M20
HBND 2238	170	340	710	220	85	220	135	145	130	105	560	120	455	36	45	M20
HBND 2240	180	360	780	240	75	235	135	145	125	105	640	140	475	36	50	M20
HBND 2244	200	400	890	270	80	270	160	167	142	152	720	140	550	36	50	M20
HBND 2248	220	440	900	250	90	290	150	180	140	130	750	140	550	42	52	M24
HBND 2252	240	480	960	290	95	310	161	185	145	135	800	160	625	42	65	M24
HBND 2256	260	500	1000	300	100	320	175	200	160	145	840	170	645	42	65	M24
HBND 2260	280	540	1100	330	105	350	177	195	175	160	920	180	705	56	75	M24
HBND 2264	300	580	1150	360	115	370	220	225	180	175	960	200	745	56	75	M30



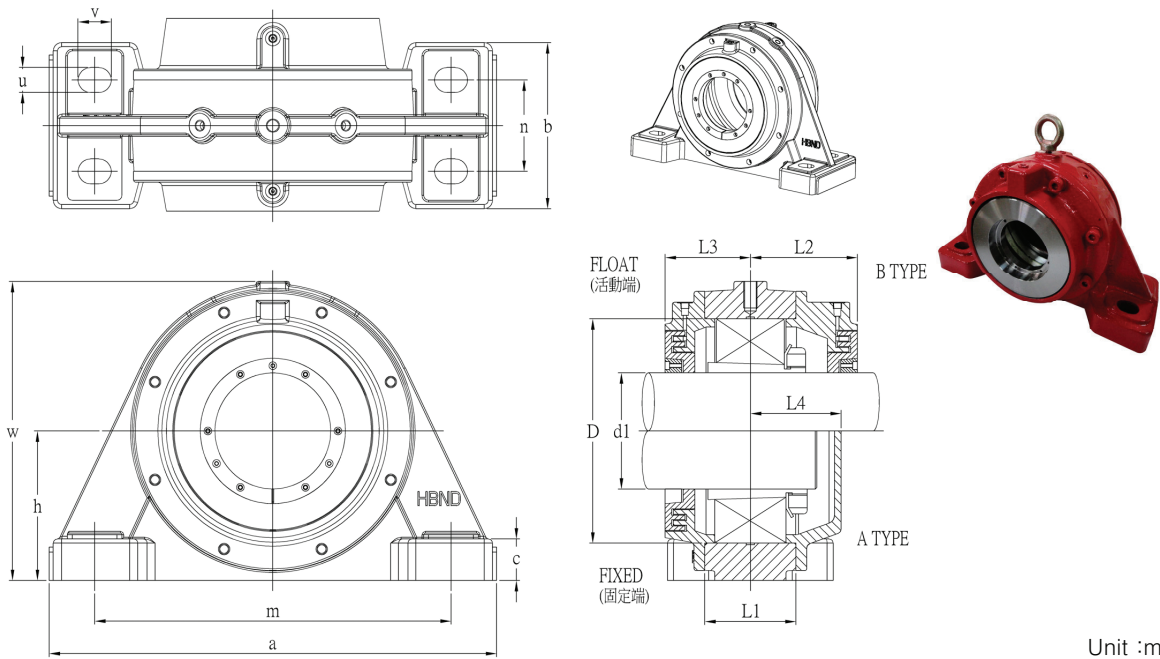
Unit :mm

Housing No.	Shaft Dia. d1	D	a	b	c	h	L1	L2	L3	L4	m	n	w	u	v	Eye Bolt
HBND 3024	110	180	370	110	35	115	60	83	63	63	300	60	230	23	35	M12
HBND 3026	115	200	410	120	38	130	70	88	68	65	340	60	260	23	35	M12
HBND 3028	125	210	430	130	40	140	70	88	68	68	360	70	275	30	35	M12
HBND 3030	135	225	455	140	42	145	80	98	78	71	370	80	290	30	35	M12
HBND 3032	140	240	480	150	45	155	85	103	78	78	390	90	310	30	35	M12
HBND 3034	150	260	510	160	50	165	90	108	83	83	420	95	330	36	45	M12
HBND 3036	160	280	540	170	52	180	100	113	88	88	450	100	360	36	45	M16
HBND 3038	170	290	570	180	55	185	105	118	93	88	480	105	370	36	45	M16
HBND 3040	180	310	600	190	60	200	110	128	98	98	510	110	400	36	45	M16
HBND 3044	200	340	640	200	65	215	115	138	103	103	540	115	430	42	52	M20
HBND 3048	220	360	680	210	70	225	120	143	108	108	560	120	450	42	52	M20
HBND 3052	240	400	720	220	75	250	130	148	113	113	600	130	500	42	52	M20
HBND 3056	260	420	760	240	80	260	135	163	118	118	630	140	520	42	65	M20
HBND 3060	280	460	820	250	85	285	140	173	128	133	690	150	570	42	65	M24
HBND 3064	300	480	860	260	90	295	150	173	128	133	730	160	590	42	65	M24
HBND 3068	320	520	900	270	95	315	160	178	133	143	770	170	630	42	65	M24
HBND 3072	340	540	960	280	100	330	170	185	140	150	820	180	660	42	65	M24
HBND 3076	360	560	1000	300	105	340	160	187	142	152	840	190	680	56	75	M24
HBND 3080	380	600	1060	320	110	360	175	203	148	158	900	200	720	56	75	M30
HBND 3084	400	620	1100	340	115	375	180	203	148	163	940	210	755	56	75	M30



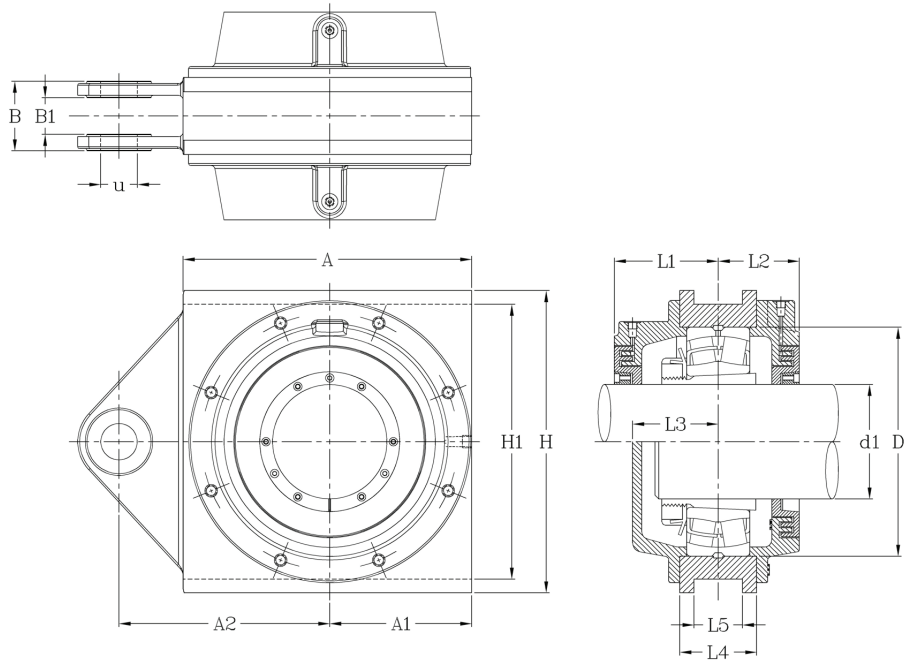
Unit :mm

Housing No.	Shaft Dia. d1	D	a	b	c	h	L1	L2	L3	L4	m	n	w	u	v	Eye Bolt
HBND 3122	100	180	400	150	40	130	80	93	78	83	300	80	270	25	35	M12
HBND 3124	110	200	410	150	40	140	85	100	75	75	330	80	285	25	35	M12
HBND 3126	115	210	430	150	40	145	90	105	85	85	350	80	295	25	35	M12
HBND 3128	125	225	470	160	45	155	95	111	87	95	380	85	315	23	33	M12
HBND 3130	135	250	580	200	60	170	102	113	93	93	450	110	345	30	40	M16
HBND 3132	140	270	540	200	55	180	110	129	103	107	430	110	360	30	40	M16
HBND 3134	150	280	570	200	55	190	120	136	113	112	470	110	395	36	45	M20
HBND 3136	160	300	600	200	58	200	125	135	115	105	490	105	395	36	45	M20
HBND 3138	170	320	680	210	65	210	130	143	123	113	550	120	435	36	45	M20
HBND 3140	180	340	710	220	85	220	135	148	128	118	560	120	455	42	52	M24
HBND 3144	200	370	780	240	75	235	150	160	135	125	640	140	485	42	52	M24
HBND 3148	220	400	890	250	80	270	160	182	152	132	720	140	550	42	52	M24
HBND 3152	240	440	900	250	90	290	175	186	151	141	750	140	585	42	52	M24
HBND 3156	260	460	900	250	90	290	175	193	158	148	750	140	585	42	65	M24
HBND 3160	280	500	1000	300	100	320	190	215	170	155	840	170	655	42	65	M30
HBND 3164	300	540	1150	300	100	350	210	215	180	192	940	160	702	42	65	M30
HBND 3168	320	580	1150	360	115	370	220	245	200	200	960	200	735	56	75	M30
HBND 3172	340	600	1200	370	115	380	225	250	200	200	1000	200	760	56	75	M30
HBND 3176	360	620	1200	380	125	390	230	257	202	202	1000	200	790	60	75	M30
HBND 3180	380	650	1280	400	130	410	235	260	200	205	1040	210	820	68	80	M36
HBND 3184	400	700	1350	420	135	450	260	300	210	230	1100	210	900	68	85	M36



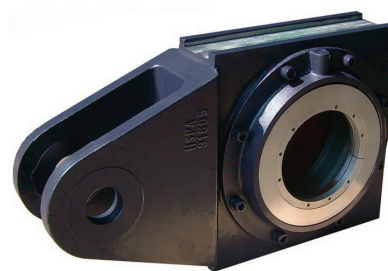
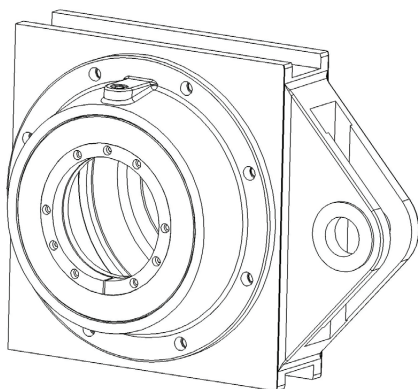
Unit :mm

Housing No.	Shaft Dia. d1	D	a	b	c	h	L1	L2	L3	L4	m	n	w	u	v	Eye Bolt
HBND 3222	100	200	440	130	42	140	90	103	91	75	350	70	280	30	35	M16
HBND 3224	110	215	470	140	42	150	95	108	93	78	370	75	300	30	35	M16
HBND 3226	115	230	500	150	45	160	100	108	103	78	400	85	315	30	40	M16
HBND 3228	125	250	530	160	50	170	110	118	108	88	430	85	345	30	42	M20
HBND 3230	135	270	550	170	54	180	120	123	113	93	450	90	365	36	45	M20
HBND 3232	140	290	600	180	58	190	130	133	118	98	490	105	385	36	45	M20
HBND 3234	150	310	640	200	62	200	135	143	128	103	525	110	405	36	45	M20
HBND 3236	160	320	680	210	65	210	140	150	135	110	550	120	425	36	45	M20
HBND 3238	170	340	710	220	85	220	150	153	138	113	560	120	455	36	45	M20
HBND 3240	180	360	780	240	75	235	165	158	138	118	640	140	475	42	52	M24
HBND 3244	200	400	850	250	80	260	175	182	147	132	700	140	525	42	52	M24
HBND 3248	220	440	900	250	90	290	190	198	158	148	750	140	585	42	52	M24
HBND 3252	240	480	960	290	95	310	205	208	168	158	800	160	625	42	65	M24
HBND 3256	260	500	1000	300	100	320	210	220	180	165	840	170	645	42	65	M30
HBND 3260	280	540	1100	330	105	350	230	222	182	187	920	180	705	56	75	M30
HBND 3264	300	580	1150	360	115	370	250	237	192	187	960	200	745	60	75	M30
HBND 3268	320	620	1200	380	125	390	265	272	212	217	980	200	785	60	75	M36
HBND 3272	340	650	1280	400	130	410	275	282	227	222	1040	210	820	72	80	M36
HBND 3276	360	680	1350	405	135	425	295	297	232	257	1100	225	860	72	85	M36
HBND 3280	380	720	1430	450	145	450	300	317	252	252	1160	240	900	72	85	M36
HBND 3284	400	760	1500	470	150	470	315	320	255	255	1220	255	950	72	90	M36



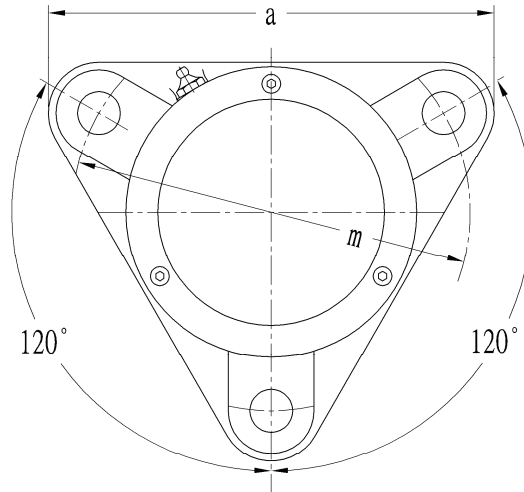
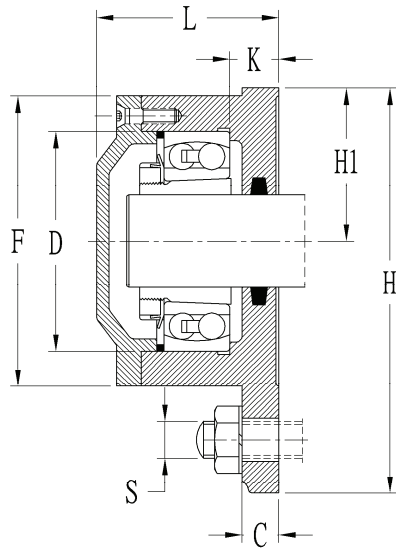
Housing No.	Shaft Dia. d1	D	A	A1	A2	B	B1	H	H1	L1	L2	L3	L4	L5	u
HSPA 2211 K	50	100	150	75	105	42	22	150	135	60	49	38	60	34	20
HSPA 2212 K	55	110	165	82.5	120	50	26	165	150	66	50	41	66	43	25
HSPA 2213 K	60	120	160	80	145	66	30	180	155	73	50	53	78	53	30
HSPA 2216 K	70	140	180	90	155	66	30	200	175	70	62	49	78	53	30
HSPA 2218 K	80	160	210	105	170	66	30	230	200	90	67	63	78	53	30
HSPA 2220 K	90	180	235	117.5	185	70	36	250	220	92	76	70	69	40	35
HSPA 2222 K	100	200	255	125	200	76	40	270	240	97	85	75	78	53	40
HSPA 2224 K	110	215	275	135	210	76	40	290	260	99	84	72	78	53	40
HSPA 2226 K	115	230	295	147.5	220	76	40	310	290	102	80	90	82	53	40
HSPA 2228 K	125	250	315	155	230	74	40	330	300	102	80	90	83	53	40
HSPA 3028 K	125	210	260	130	225	150	60	300	270	88	68	68	70	45	50
HSPA 3030 K	135	225	280	140	235	150	60	320	290	98.5	77.5	74.5	85	45	50
HSPA 3034 K	150	260	325	165	255	112	52	360	330	113	88	93	102	63	50
HSPA 3036 K	160	280	350	175	275	150	60	390	360	113	88	88	100	65	50
HSPA 3038 K	170	290	380	195	350	165	90	390	360	126	101	96	112	73	50
HSPA 3040 K	180	310	390	200	275	125	62	430	400	133	107	108	125	83	70
HSPA 3044 K	200	340	430	210	325	200	70	480	440	142	107	107	120	65	60
HSPA 3052 K	240	400	500	245	515	215	123	540	500	148	113	113	135	65	100





Housing No.	Shaft Dia.	D	A	A1	A2	B	B1	H	H1	L1	L2	L3	L4	L5	u
HSPA 3132 K	140	270	370	185	350	132	62	370	340	126	101	101	116	74	61
HSPA 3134 K	150	280	375	190	395	122	62	380	350	136	113	100	120	63	60
HSPA 3136 K	160	300	400	200	360	135	65	440	410	135	113	105	120	60	80
HSPA 3140 K	180	340	440	220	300	128	62	440	420	148.5	115	120	138	90	60
HSPA 3144 K	200	370	470	235	530	144	74	510	480	160	135	135	150	103	100
HSPA 3148 K	220	400	520	260	515	215	123	540	500	178	148	138	152	65	100
HSPA 3152 K	240	440	550	275	565	225	135	570	540	187	152	152	175	80	100
HSPA 3156 K	260	460	600	300	615	240	173	610	570	193	158	148	175	103	100
HSPA 3160 K	280	500	625	312	630	240	173	650	610	210	165	170	195	103	105
HSPA 3164 K	300	540	665	340	650	240	170	670	630	212	177	187	210	123	110
HSPA 3168 K	320	580	740	370	720	300	180	740	700	242	197	237	220	150	120
HSPA 3176 K	360	620	750	375	750	300	200	790	740	257	202	254	230	120	110
HSPA 3236 K	160	320	420	210	300	140	72	450	410	148	133	108	140	93	80
HSPA 3252 K	240	480	590	305	615	240	173	610	570	208	167	158	205	103	100
HSPA 3260 K	280	540	670	335	650	240	173	670	630	222	182	187	230	123	100
HSPA 3268 K	320	620	750	375	750	300	213	750	700	272	202	237	265	123	110
HSPA 3272 K	340	650	790	395	765	300	213	790	740	282	227	247	275	123	130
HSPA 3276 K	360	680	810	420	780	300	213	820	780	297	232	257	295	123	100

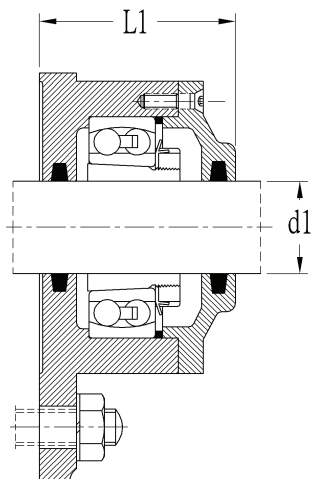




Housing for shaft end.

A Type

Housing No.	Shaft Dia. d1	D	L	L1	C	K	F	H	H1	m	a
722505	20	52	51.5	56.5	10	15	75	100	38	96	110
722506	25	62	57	59.5	12	16	86	117	44	116	130
722507	30	72	59.5	63.5	12	16	97	130	48.5	130	145
722508	35	80	64	65.5	12	17	108	143	54	140	160
722509	40	85	64.5	69.5	12	19	113	160	60	160	180
722510	45	90	68.5	73	15	22	118	160	60	160	180
722511	50	100	75.5	81.5	15	24	128	172	65	170	192
722512	55	110	77	82	15	23	142	189	72	180	210
722513	60	120	80	86	15	22	152	203	78	190	225

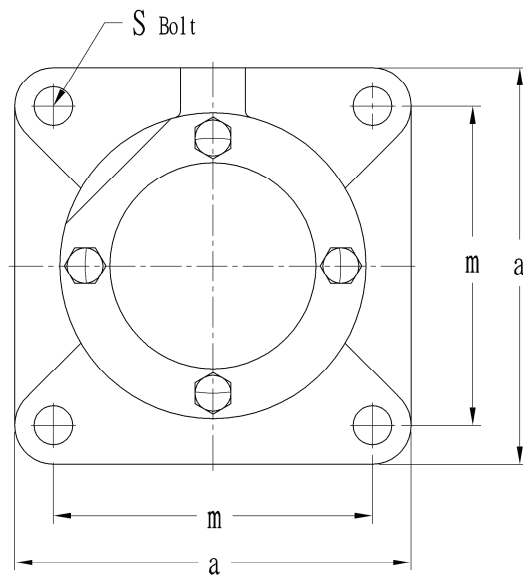
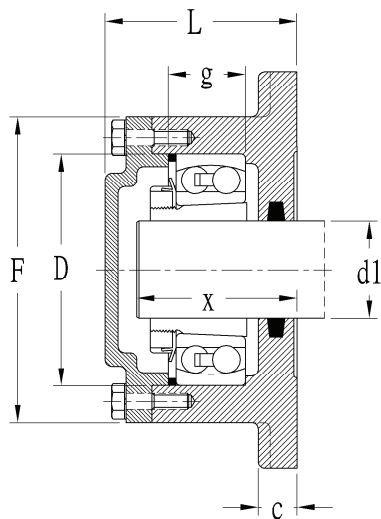


Housing for through shaft.

### B Type

Unit: mm

S Bolt	Mass kg	Bearing No.		Adapter Sleeve	Locating Ring		Felt Seal	Caps Screw	Housing No.
		Self-Alig. Ball	Spherical Roller		Number	Q'ty			
M10	1.1	1205 K	22205 K	H 205	SR 52×5	1	FS 05	M5×16	722505
		2205 K		H 305	SR 52×2	1			
M10	1.5	1206 K	22206 K	H 206	SR 62×6	1	FS 06	M5×16	722506
		2206 K		H 306	SR 62×2	1			
M12	1.8	1207 K	22207 K	H 207	SR 72×8	1	FS 07	M5×16	722507
		2207 K		H 307	SR 72×2	1			
M12	2.3	1208 K	22208 K	H 208	SR 80×7	1	FS 08	M5×16	722508
		2208 K		H 308	SR 80×2	1			
M12	3	1209 K	22209 K	H 209	SR 85×6	1	FS 09	M6×20	722509
		2209 K		H 309	SR 85×2	1			
M12	3	1210 K	22210 K	H 210	SR 90×5	1	FS 10	M6×20	722510
		2210 K		H 310	SR 90×2	1			
M12	4.1	1211 K	22211 K	H 211	SR 100×6	1	FS 11	M6×20	722511
		2211 K		H 311	SR 100×2	1			
M12	4.8	1212 K	22212 K	H 212	SR 110×8	1	FS 12	M6×20	722512
		2212 K		H 312	SR 110×2	1			
M12	5.9	1213 K	22213 K	H 213	SR 120×10	1	FS 13	M6×20	722513
		2213 K		H 313	SR 120×2	1			



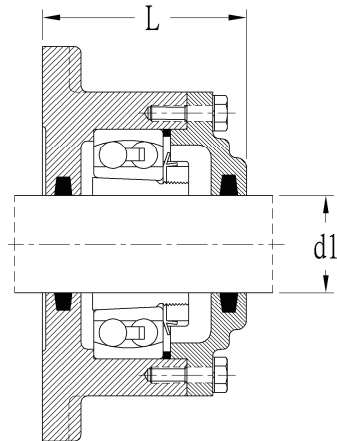
Housing for shaft end.

### A Type

Housing No.	SKF No.	Shaft Dia. d1		D	a	c	g	L	F	x	m	
		mm	inch								Metric	Imperial
FC 508	--	35	1 <sup>1</sup> / <sub>4</sub>	80	136	12	33	77	108	62	105	104.8
FC 509	--	40	1 <sup>1</sup> / <sub>2</sub>	85	136	12	31	78	113	63	105	104.8
FC 510	--	45	1 <sup>3</sup> / <sub>4</sub>	90	142	15	33	82	118	69	108	108
FC 511	--	50	2	100	160	20	33	89	130	70	124	123.8
FC 512	--	55	2 <sup>1</sup> / <sub>8</sub>	110	170	20	38	94	142	71	130	--
FC 513	--	60	2 <sup>1</sup> / <sub>4</sub>	120	180	20	43	98	152	79	140	139.7
FC 515	722515	65	2 <sup>1</sup> / <sub>2</sub>	130	188	25	41	104	168	84	152	149.2
FC 516	722516	70	2 <sup>3</sup> / <sub>4</sub>	140	198	25	43	110	176	90	152	158.7
FC 517	722517	75	3	150	210	25	46	114	188	94	170	158.7
FC 518	722518	80	3 <sup>1</sup> / <sub>4</sub>	160	210	25	62.4	127	198	98	170	--
FC 520	722520	90	3 <sup>1</sup> / <sub>2</sub>	180	250	30	70.3	146	220	106	198	190.5
FC 522	722522	100	4	200	270	30	80	148	246	118	219	215.9

### Europe Spec,

FCM 518	--	80	--	160	210	25	50	118	198	--	170	--
FCM 520	--	90	--	180	250	30	56	130	220	--	198	--
FCM 522	--	100	--	200	270	30	63	137	246	--	219	--



Housing for through shaft.

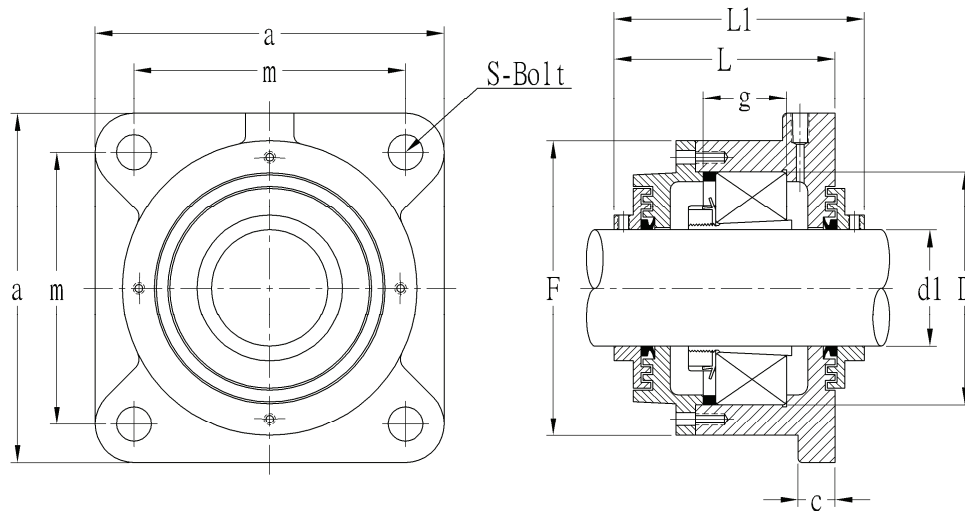
### B Type

Unit: mm

S Bolt	Mass kg	Bearing No.		Adapter Sleeve		Locating Ring		Housing No.
		Self-Alig. Ball	Spherical Roller	Metric	Imperial	Number	Q,ty	
M10	3.2	1208 K 2208 K	22208 K	H 208 H 308	HE 208 HE 308	SR 80×7.5 SR 80×10	2 1	FC 508
M12	3.5	1209 K 2209 K	22209 K	H 209 H 309	HE 209 HE 309	SR 85×6 SR 85×8	2 1	FC 509
M12	3.8	1210 K 2210 K	22210 K	H 210 H 310	HE 210 HE 310	SR 90×6.5 SR 90×10	2 1	FC 510
M16	5.3	1211 K 2211 K	22211 K	H 211 H 311	HE 211 HE 311	SR 100×6 SR 100×8	2 1	FC 511
M16	6.3	1212 K 2212 K	22212 K	H 212 H 312	HE 212 HE 312	SR 110×8 SR 110×10	2 1	FC 512
M16	7.2	1213 K 2213 K	22213 K	H 213 H 313	HE 213 HE 313	SR 120×10 SR 120×12	2 1	FC 513
M16	9.2	1215 K 2215 K	22215 K	H 215 H 315	HE 215 HE 315	SR 130×8 SR 130×10	2 1	FC 515
M16	10.2	1216 K 2216 K	22216 K	H 216 H 316	HE 216 HE 316	SR 140×8.5 SR 140×10	2 1	FC 516
M16	12	1217 K 2217 K	22217 K	H 217 H 317	HE 217 HE 317	SR 150×9 SR 150×10	2 1	FC 517
M16	13.2	1218 K 2218 K	22218 K 23218 K	H 218 H 318 H 2318	HE 218 HE 318 HE 2318	SR 160×16.2 SR 160×11.2 SR 160×10	2 2 1	FC 518
M20	19	2220 K	22220 K 23220 K	H 320 H 2320	HE 320 HE 2320	SR 180×12.1 SR 180×10	2 1	FC 520
M20	28	2222 K	22222 K 23222 K	H 322 H 2322	HE 322 HE 2322	SR 200×13.5 SR 200×10	2 1	FC 522

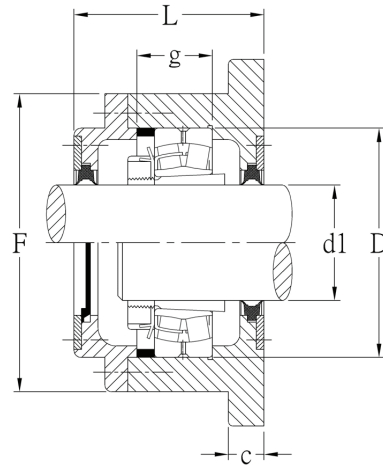
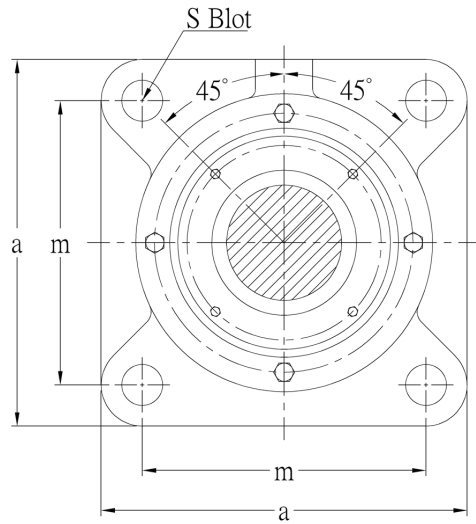
### Europe Spec,

M16	--	1218K 2218K	22218K	H 218 H 318		SR 160×10 SR 160×10	2 1	FCM 518
M20	--	1220K 2220K	22220K	H 220 H 320		SR 180×11 SR 180×10	2 1	FCM 520
M20	--	1222K 2222K	22222K	H 222 H 322		SR 200×12.5 SR 200×10	2 1	FCM 522



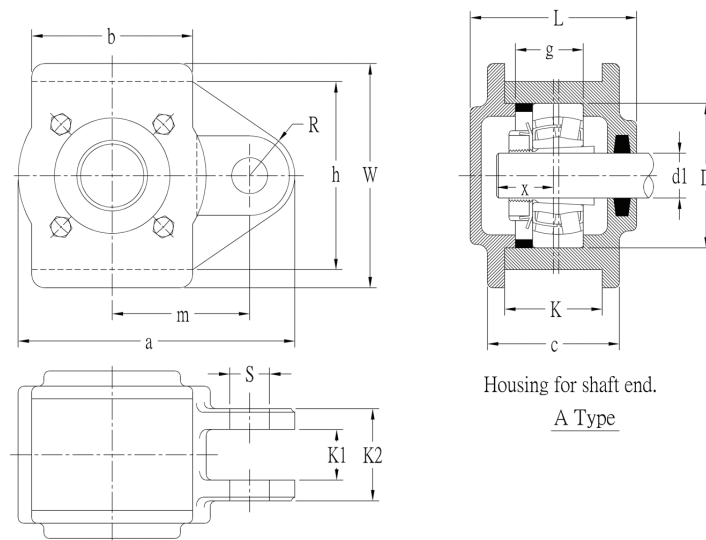
Unit : mm

Housing No.	Shaft Dia. d1	D	a	c	g	L	L1	F	m	S Bolt	Bearing No.	Locating Ring	
												Number	Q'ty
FCM 508 LS	35	80	136	12	33	93	109	108	105	M10	1208K	SR 80×7.5	2
											2208K	SR 80×10	1
											22208K	SR 80×10	1
FCM 509 LS	40	85	136	12	31	95	111	113	105	M12	1209 K	SR 85×6	2
											2209 K	SR 85×8	1
											22209 K	SR 85×8	1
FCM 510 LS	45	90	142	15	33	97	112	118	108	M12	1210 K	SR 90×6.5	2
											2210 K	SR 90×10	1
											22210 K	SR 90×10	1
FCM 511 LS	50	100	160	20	33	104	119	130	124	M16	1211 K	SR 100×6	2
											2211 K	SR 100×8	1
											22211 K	SR 100×8	1
FCM 512 LS	55	110	170	20	38	109	124	142	130	M16	1212K	SR 110×8	2
											2212K	SR 110×10	1
											22212K	SR 110×10	1
FCM 513 LS	60	120	180	20	43	114	129	152	140	M16	1213 K	SR 120×10	2
											2213 K	SR 120×12	1
											22213 K	SR 120×12	1
FCM 515 LS	65	130	188	25	41	119	134	168	152	M16	1215 K	SR 130×8	2
											2215 K	SR 130×10	1
											22215 K	SR 130×10	1
FCM 516 LS	70	140	198	25	43	130	150	176	152	M16	1216 K	SR 140×8.5	2
											2216 K	SR 140×10	1
											22216 K	SR 140×10	1
FCM 517 LS	75	150	210	25	46	134	153	188	170	M16	1217 K	SR 150×9	2
											2217 K	SR 150×10	1
											22217 K	SR 150×10	1
FCM 518 LS	80	160	210	25	62.4	148	168	198	170	M16	1218 K	SR 160×16.2	2
											2218 K	SR 160×11.2	2
											22218 K	SR 160×11.2	2
											23218 K	SR 160×10	1
FCM 520 LS	90	180	250	30	70.3	162	182	220	198	M20	2220 K	SR 180×12.1	2
											22220 K	SR 180×12.1	2
											23220 K	SR 180×10	1
FCM 522 LS	100	200	270	30	80	167	185	246	219	M20	2222 K	SR 200×13.5	2
											22222 K	SR 200×13.5	2
											23222 K	SR 200×10	1

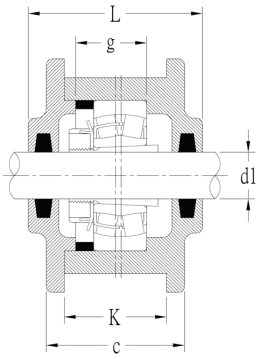


Unit : mm

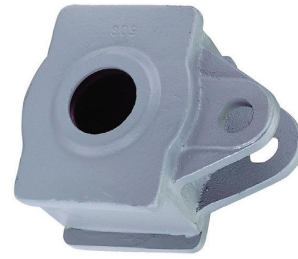
Housing No.	Shaft Dia. d1	D	a	c	g	L	F	m	S Bolt	Bearing No.	Locating Ring		TSNG Seal
											Number	Q'ty	
FCM 508 G	35	80	136	12	33	77	108	105	M10	1208 K	SR 80×7.5	2	TSNG508
										2208 K	SR 80×10	1	
										22208 K	SR 80×10	1	
FCM 509 G	40	85	136	12	31	78	113	105	M12	1209 K	SR 85×6	2	TSNG509
										2209 K	SR 85×8	1	
										22209 K	SR 85×8	1	
FCM 510 G	45	90	142	15	33	82	118	108	M12	1210 K	SR 90×6.5	2	TSNG510
										2210 K	SR 90×10	1	
										22210 K	SR 90×10	1	
FCM 511 G	50	100	160	20	33	89	130	124	M16	1211 K	SR 100×6	2	TSNG511
										2211 K	SR 100×8	1	
										22211 K	SR 100×8	1	
FCM 512 G	55	110	170	20	38	94	142	130	M16	1212 K	SR 110×8	2	TSNG512
										2212 K	SR 110×10	1	
										22212 K	SR 110×10	1	
FCM 513 G	60	120	180	20	43	98	152	140	M16	1213 K	SR 120×10	2	TSNG513
										2213 K	SR 120×12	1	
										22213 K	SR 120×12	1	
FCM 515 G	65	130	188	25	41	104	168	152	M16	1215 K	SR 130×8	2	TSNG515
										2215 K	SR 130×10	1	
										22215 K	SR 130×10	1	
FCM 516 G	70	140	198	25	43	110	176	152	M16	1216 K	SR 140×8.5	2	TSNG516
										2216 K	SR 140×10	1	
										22216 K	SR 140×10	1	
FCM 517 G	75	150	210	25	46	114	188	170	M16	1217 K	SR 150×9	2	TSNG517
										2217 K	SR 150×10	1	
										22217 K	SR 150×10	1	
FCM 518 G	80	160	210	25	62.4	127	198	170	M16	1218 K	SR 160×16.2	2	TSNG518
										2218 K	SR 160×11.2	2	
										22218 K	SR 160×11.2	2	
										23218 K	SR 160×10	1	
FCM 520 G	90	180	250	30	70.3	146	220	198	M20	2220 K	SR 180×12.1	2	TSNG520
										22220 K	SR 180×12.1	2	
										23220 K	SR 180×10	1	
FCM 522 G	100	200	270	30	80	148	246	219	M20	2222 K	SR 200×13.5	2	TSNG522
										22222 K	SR 200×13.5	2	
										23222 K	SR 200×10	1	



Housing No.	Shaft Dia. d1	D	a	b	m	g	h	w	c	L	PIN Dia. S	R	x	Mass kg
THM 508	35	80	153	89	76	33	104.77	124	73	81	M20	25	22	4.1
THM 509	40	85	153	89	76	31	104.77	124	73	81	M20	25	24	4.2
THM 510	45	90	180	100	90	33	120	140	75	90	M20	25	25	4.8
THM 511	50	100	180	100	90	33	120	140	75	95	M20	25	26	5.0
THM 512	55	110	215	115	110	38	150	170	85	100	M20	25	28	9.7
THM 513	60	120	215	115	110	43	150	170	85	100	M20	25	30	8.6
THM 515	65	130	240	115	120	41	165	185	90	115	M20	30	31	11.5
THM 516	70	140	265	140	135	43	195	220	105	120	M20	30	36	16.2
THM 517	75	150	265	140	135	46	195	220	105	125	M20	30	40	16.2
THM 518	80	160	273	150	140	62.4	195	220	105	135	M20	30	42	19.6
THM 520	90	180	320	150	165	70.3	210	250	123	150	M24	35	45	23.2
THM 522	100	200	360	160	180	80	240	280	130	160	M24	50	51	27
THM 524	110	215	384	216	200	86	255	286	133	165	M35	44		
THM 526	115	230	406	230	210	90	270	300	140	184	M38	50		
THM 528	125	250	425	222	220	98	305	330	146	189	M40	50		
THM 530	135	270	470	280	235	106	330	370	167	201	M50	57		
THM 532	140	290	470	280	235	114	340	370	167	201	M50	57		



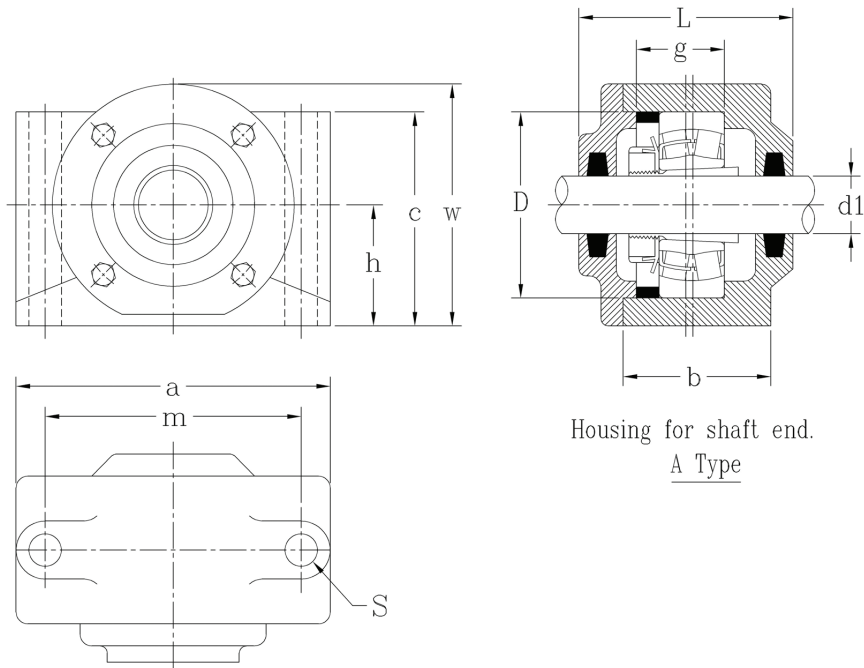
Housing for through shaft.  
B Type



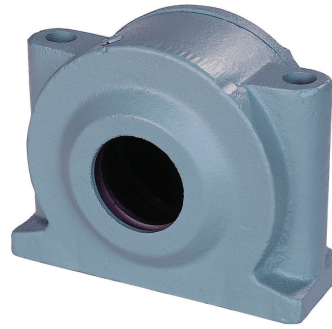
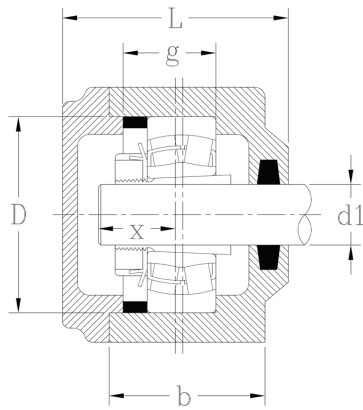
for THM (Metric Series) ← → for TH (Imperial Series)

K	K1	K2	Bearing No.		Adapter Sleeve	Locating Ring		Housing No.	Shaft Dia. d1	h	PIN Dia. S	m
			Self-Alig Ball	Spherical Roller		Number	Q'ty					
54	28	51	1208 K 2208 K	— 22208K	H 208 H 308	SR 80×7.5 SR 80×10	2 1	TH 508	1 <sup>1</sup> / <sub>4</sub>	104.8	19.1	76
54	28	51	1209 K 2209 K	— 22209K	H 209 H 309	SR 85×6 SR 85×8	2 1	TH 509	1 <sup>1</sup> / <sub>2</sub>	104.8	19.1	76
54	30	50	1210 K 2210 K	— 22210K	H 210 H 310	SR 90×6.5 SR 90×10	2 1	TH 510	1 <sup>3</sup> / <sub>4</sub>	120.5	19.1	90
54	30	52	1211 K 2211 K	— 22211K	H 211 H 311	SR 100×6 SR 100×8	2 1	TH 511	2	120.5	19.1	90
67	32	60	1212 K 2212 K	— 22212K	H 212 H 312	SR 110×8 SR 110×10	2 1	TH 512	2 <sup>1</sup> / <sub>8</sub>	152.3	19.1	110
67	32	60	1213 K 2213 K	— 22213K	H 213 H 313	SR 120×10 SR 120×12	2 1	TH 513	2 <sup>1</sup> / <sub>4</sub>	152.3	19.1	110
68	32	65	1215 K 2215 K	— 22215K	H 215 H 315	SR 130×8 SR 130×10	2 1	TH 515	2 <sup>1</sup> / <sub>2</sub>	165	19.1	120
78	40	75	1216 K 2216 K	— 22216K	H 216 H 316	SR 140×8.5 SR 140×10	2 1	TH 516	2 <sup>3</sup> / <sub>4</sub>	196.8	22.2	133
78	40	75	1217 K 2217 K	— 22217K	H 217 H 317	SR 150×9 SR 150×10	2 1	TH 517	3	196.8	22.2	135
78	40	75	1218 K 2218 K —	— 22218K 23218K	H 218 H 318 H 2318	SR 160×16.2 SR 160×11.2 SR 160×10	2 2 1	TH 518	3 <sup>1</sup> / <sub>4</sub>	196.8	25.4	140
93	45	90	2220 K —	22220K 23220K	H 320 H 2320	SR 180×12.1 SR 180×10	2 1	TH 520	3 <sup>1</sup> / <sub>2</sub>	212.7	28.6	152.4
93	45	100	2222 K —	22222K 23222K	H 322 H 2322	SR 200×13.5 SR 200×10	2 1	TH 522	4	241.2	31.8	180
97	45	94	—	22224K 23224K	H3124 H2324	SR 214×14 SR 215×10	2 1					
102	45	100	—	22226K 23226K	H3126 H2326	SR 230×13 SR 230×10	2 1					
103	50	100	—	22228K 23228K	H3128 H2328	SR 250×15 SR 250×10	2 1					
93	51	120	—	22230K 23230K	H3130 H2330	SR 270×16.5 SR 270×10	2 1					
93	51	120	—	22232K 23232K	H3132 H2332	SR 290×17 SR 290×10	2 1					





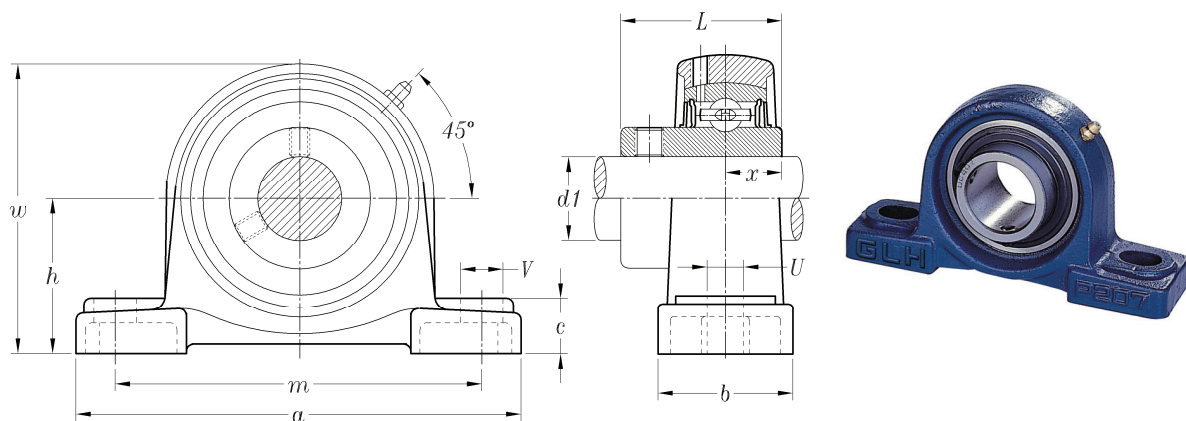
Housing No.	Shaft Dia. d1	D	a	b	c	g	h	L	w	m	S Bolt	x
MSB 509	40	85	135	47	92	31	52	78	109	110	M12	27
MSB 510	45	90	140	47	93	33	55	83	114	115	M12	28
MSB 511	50	100	160	52	108	33	62	89	127	130	M16	28
MSB 512	55	110	170	52	119	38	67	90	140	140	M16	32
MSB 513	60	120	185	63	130	43	75	101	152	150	M16	36
MSB 515	65	130	195	63	140	41	80	104	163	160	M16	38
MSB 516	70	140	240	89	140	43	87	111	176	190	M20	40
MSB 517	75	150	255	89	140	46	92	119	186	205	M20	42
MSB 518	80	160	275	95	156	62.4	100	135	200	220	M20	50
MSB 520	90	180	300	103	182	70.3	110	145	223	240	M24	54
MSB 522	100	200	375	114	205	80	122	147	246	285	M30	60



Housing for through shaft.  
B Type

for MSB (Metric Series) ← → for SB (Imperial Series)

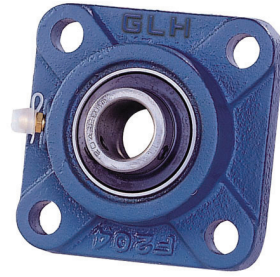
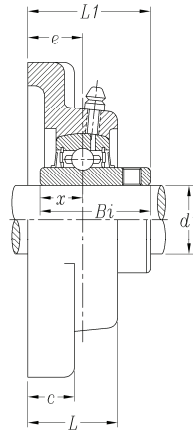
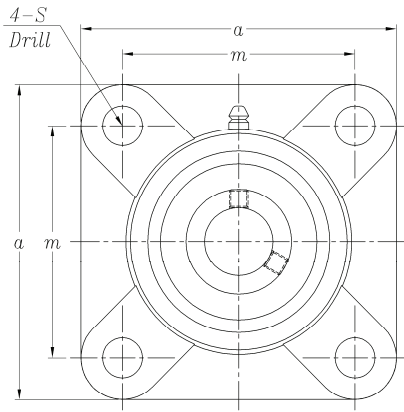
Mass kg	Bearing No.		Adapter Sleeve	Locating Ring		Housing No.	Shaft Dia. d1	h	c	w	m
	Self-Alig. Ball	Spherical Roller		Number	Q'ty						
3.0	1209 K 2209 K	22209 K	H 209 H 309	SR 85×6 SR 85×8	2 1	<b>SB 509</b>	1 <sup>1</sup> / <sub>2</sub>	50.8	90	107	108
3.1	1210 K 2210 K	22210 K	H 210 H 310	SR 90×6.5 SR 90×10	2 1	<b>SB 510</b>	1 <sup>3</sup> / <sub>4</sub>	53.98	92	113	111.12
4.2	1211 K 2211 K	22211 K	H 211 H 311	SR 100×6 SR 100×8	2 1	<b>SB 511</b>	2	58.73	105	124	123.83
6.6	1212 K 2212 K	22212 K	H 212 H 312	SR 110×8 SR 110×10	2 1	<b>SB 512</b>	2 <sup>1</sup> / <sub>8</sub>	63.5	114	140	139.7
6.8	1213 K 2213 K	22213 K	H 213 H 313	SR 120×10 SR 120×12	2 1	<b>SB 513</b>	2 <sup>1</sup> / <sub>4</sub>	69.85	125	147	146.05
8.1	1215 K 2215 K	22215 K	H 215 H 315	SR 130×8 SR 130×10	2 1	<b>SB 515</b>	2 <sup>1</sup> / <sub>2</sub>	76.2	136	159	155.58
10.2	1216 K 2216 K	22216 K	H 216 H 316	SR 140×8.5 SR 140×10	2 1	<b>SB 516</b>	2 <sup>3</sup> / <sub>4</sub>	82.55	136	172	190.5
12.3	1217 K 2217 K	22217 K	H 217 H 317	SR 150×9 SR 150×10	2 1	<b>SB 517</b>	3	88.90	137	183	203.2
16	1218 K 2218 K	22218 K 23218 K	H 218 H 318 H 2318	SR 160×16.2 SR 160×11.2 SR 160×10	2 2 1	<b>SB 518</b>	3 <sup>1</sup> / <sub>4</sub>	98.42	153	198	222.25
21	2220 K	22220 K 23220 K	H 320 H 2320	SR 180×12.1 SR 180×10	2 1	<b>SB 520</b>	3 <sup>1</sup> / <sub>2</sub>	107.95	180	221	241.3
24	2222 K	22222 K 23222 K	H 322 H 2322	SR 200×13.5 SR 200×10	2 1	<b>SB 522</b>	4	120.65	203	244	260.35



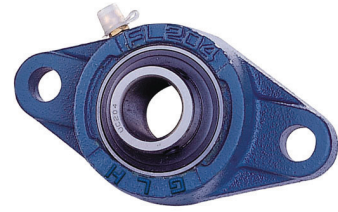
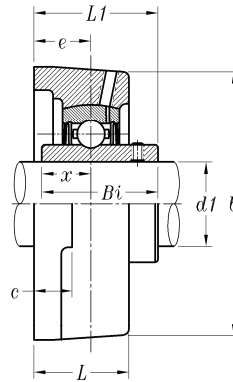
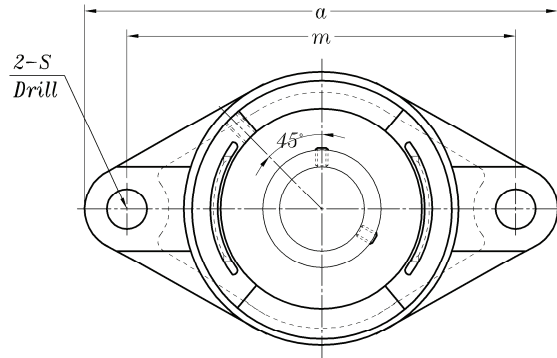
Unit No.	Shaft Dia. d1 mm inch	Nominal dimensions mm inch										Bolt Size mm inch	Bearing number	HSG., No.	Mass (kg)
		h	a	m	b	U	V	c	w	L	x				
UCP201 201-8	12 1/2	30.2 1-3/16	127 5	95 3-3/4	38 1-1/2	13 1/2	19 3/4	15 19/32	62 2-7/16	31 1.22	12.7 0.5	M10 3/8	UC201 201-8	P201	0.63
UCP202 202-10	15 5/8	30.2 1-3/16	127 5	95 3-3/4	38 1-1/2	13 1/2	19 3/4	15 19/32	62 2-7/16	31 1.22	12.7 0.5	M10 3/8	UC202 202-10	P202	0.63
UCP203 203-11	17 11/16	30.2 1-3/16	127 5	95 3-3/4	38 1-1/2	13 1/2	19 3/4	15 19/32	62 2-7/16	31 1.22	12.7 0.5	M10 3/8	UC203 203-11	P203	0.63
UCP204 204-12	20 3/4	33.3 1-5/16	127 5	95 3-3/4	38 1-1/2	13 1/2	19 3/4	15 19/32	65 2-9/16	31 1.22	12.7 0.5	M10 3/8	UC204 204-12	P204	0.65
UCP205 205-14 205-15 205-16	25 7/8 15/16 1	36.5 1-7/16	140 5-1/2	105 4-1/8	38 1-1/2	13 1/2	19 3/4	16 5/8	71 2-25/32	34 1.33	14.3 0.56	M10 3/8	UC205 205-14 205-15 205-16	P205	0.79
UCP206 206-18 206-19 206-20	30 1-1/8 1-3/16 1-1/4	42.9 1-11/16	165 6-1/2	121 4-3/4	48 1-7/8	17 21/32	21 13/16	18 45/64	83 3-9/32	38.1 1.50	15.9 0.62	M14 1/2	UC206 206-18 206-19 206-20	P206	0.79
UCP207 207-20 207-21 207-22 207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	47.6 1-7/8	167 6-9/16	127 5	48 1-7/8	17 21/32	21 13/16	19 3/4	93 3-21/32	42.9 1.68	17.5 0.68	M14 1/2	UC207 207-20 207-21 207-22 207-23	P207	1.60
UCP208 208-24 208-25	40 1-1/2 1-9/16	49.2 1-15/16	184 7-1/4	137 5-13/32	54 2-1/8	17 21/32	21 13/16	19 3/4	98 3-27/32	49.2 1.93	19 0.74	M14 1/2	UC208 208-24 208-25	P208	2.00
UCP209 209-26 209-27 209-28	45 1-5/8 1-11/16 1-3/4	54 2-1/8	190 7-15/32	146 5-3/4	54 2-1/8	17 21/32	25 31/32	20 25/32	106 4-3/16	49.2 1.93	19 0.74	M14 1/2	UC209 209-26 209-27 209-28	P209	2.20
UCP210 210-30 210-31 210-32	50 1-7/8 1-15/16 2	57.2 2-1/4	206 8-1/8	159 6-1/4	60 2-3/8	20 25/32	25 31/32	22 7/8	112 4-13/32	51.6 2.03	19 0.74	M16 5/8	UC210 210-30 210-31 210-32	P210	2.80
UCP211 211-32 211-34 211-35	55 2 2-1/8 2-3/16	63.5 2-1/2	219 8-5/8	171 6-23/32	60 2-3/8	20 25/32	25 31/32	22 7/8	126 4-31/32	55.6 2.18	22.2 0.87	M16 5/8	UC211 211-32 211-34 211-35	P211	3.40
UCP212 212-36 212-38 212-39	60 2-1/4 2-3/8 2-7/16	69.8 2-3/4	241 9-1/2	184 7-1/4	70 2-3/4	20 25/32	25 31/32	25 1	137 5-25/64	65.1 2.56	25.4 1	M16 5/8	UC212 212-36 212-38 212-39	P212	4.80
UCP213 213-40	65 2-1/2	76.2 3	265 10-7/16	203 8	70 2-3/4	25 31/32	29 1-9/64	27 1-1/16	150 5-29/32	65.1 2.56	25.4 1	M20 3/4	UC213 213-40	P213	5.70
UCP214 214-44	70 2-3/4	79.4 3-1/8	266 10-15/32	210 8-9/32	72 2-27/32	25 31/32	31 1-7/32	27 1-1/16	156 6-5/32	74.6 2.93	30.2 1.18	M20 3/4	UC214 214-44	P214	7.00
UCP215 215-47 215-48	75 2-15/16 3	82.6 3-1/4	275 10-13/16	217 8-17/32	74 2-29/32	25 31/32	31 1-7/32	28 1-3/32	163 6-13/32	77.8 3.06	33.3 1.31	M20 3/4	UC215 215-47 215-48	P215	7.60
UCP216 216-50	80 3-1/8	88.9 3-1/2	292 11-1/2	232 9-1/8	78 3-1/16	25 31/32	35 1-3/8	32 1-1/4	175 6-7/8	82.6 3.25	33.3 1.31	M20 3/4	UC216 216-50	P216	9.00
UCP217 217-52 217-55	85 3-1/4 3-7/16	95.2 3-3/4	310 12-7/32	247 9-23/32	83 3-9/32	25 31/32	40 1-9/16	32 1-1/4	187 7-3/8	85.7 3.37	34.1 1.34	M20 3/4	UC217 217-52 217-55	P217	11.50
UCP218 218-56	90 3-1/2	101.6 4	327 12-7/8	262 10-5/16	88 3-15/32	27 1-1/16	45 1-25/32	34 1-11/32	200 7-7/8	96 3.77	39.7 1.56	M22 7/8	UC218 218-56	P218	14.30

# UCF 200 (Normal-duty)

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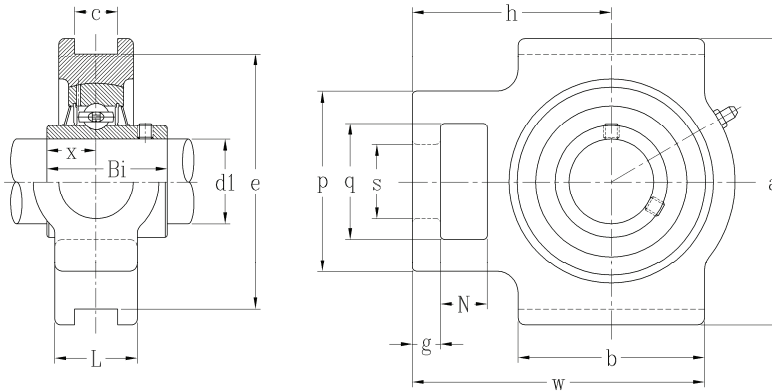
Unit No.	Shaft Dia. d1 mm inch	Nominal dimensions mm inch									Bolt Size mm inch	Bearing number	HSG., No.	Mass (kg)
		a	m	e	c	L	S	L1	Bi	x				
UCF201 201-8	12 1/2	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC201 201-8	F201	0.63
UCF202 202-10	15 5/8	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC202 202-10	F202	0.63
UCF203 203-11	17 11/16	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC203 203-11	F203	0.63
UCF204 204-12	20 3/4	86 3-3/8	64 2-33/64	15 19/32	12 15/32	25.5 1	12 15/32	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC204 204-12	F204	0.63
UCF205 205-14 205-15 205-16	25 7/8 15/16 1	95 3-3/4	70 2-3/4	16 5/8	14 9/16	27 1-1/16	12 15/32	35.7 1-13/32	34 1.33	14.3 0.56	M10 3/8	UC205 205-14 205-15 205-16	F205	0.82
UCF206 206-18 206-19 206-20	30 1-1/8 1-3/16 1-1/4	108 4-1/4	83 3-17/64	18 45/64	14 9/16	31 1-7/32	12 15/32	40.2 1-37/64	38.1 1.50	15.9 0.62	M10 3/8	UC206 206-18 206-19 206-20	F206	1.1
UCF207 207-20 207-21 207-22 207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	117 4-19/32	92 3-5/8	19 3/4	16 5/8	34 1-11/32	14 35/64	44.4 1-3/4	42.9 1.68	17.5 0.68	M12 7/16	UC207 207-20 207-21 207-22 207-23	F207	1.5
UCF208 208-24 208-25	40 1-1/2 1-9/16	130 5-1/8	102 4-1/64	21 53/64	16 5/8	36 1-13/32	16 5/8	51.2 2-1/64	49.2 1.93	19 0.74	M14 1/2	UC208 208-24 208-25	F208	1.9
UCF209 209-26 209-27 209-28	45 1-5/8 1-11/16 1-3/4	137 5-13/32	105 4-9/64	22 55/64	18 23/32	38 1-1/2	16 5/8	52.2 2-1/16	49.2 1.93	19 0.74	M14 1/2	UC209 209-26 209-27 209-28	F209	2.3
UCF210 210-30 210-31 210-32	50 1-7/8 1-15/16 2	143 5-5/8	111 4-3/8	22 55/64	18 23/32	40 1-9/16	16 5/8	54.6 2-5/32	51.6 2.03	19 0.74	M14 1/2	UC210 210-30 210-31 210-32	F210	2.5
UCF211 211-32 211-34 211-35	55 2 2-1/8 2-3/16	162 6-3/8	130 5-1/8	25 63/64	20 25/32	43 1-11/16	19 3/4	58.4 2-19/64	55.6 2.18	22.2 0.87	M16 5/8	UC211 211-32 211-34 211-35	F211	3.4
UCF212 212-36 212-38 212-39	60 2-1/4 2-3/8 2-7/16	175 6-7/8	143 5-5/8	29 1-9/64	20 25/32	48 1-7/8	19 3/4	68.7 2-45/64	65.1 2.56	25.4 1	M16 5/8	UC212 212-36 212-38 212-39	F212	4.4
UCF213 213-40	65 2-1/2	187 7-3/8	149 5-55/64	30 1-3/16	20 25/32	50 1-31/32	19 3/4	69.7 2-3/4	65.1 2.56	25.4 1	M16 5/8	UC213 213-40	F213	5.3
UCF214 214-44	70 2-3/4	193 7-19/32	152 5-63/64	31 1-7/32	24 15/16	54 2-1/8	19 3/4	75.4 2-31/32	74.6 2.93	30.2 1.18	M16 5/8	UC214 214-44	F214	6.0
UCF215 215-47 215-48	75 2-5/16 3	200 7-7/8	159 6-17/64	35 1-3/8	24 15/16	57 2-1/4	19 3/4	79.5 3-1/8	77.8 3.06	33.3 1.31	M16 5/8	UC215 215-47 215-48	F215	6.6
UCF216 216-50	80 3-1/8	208 8-3/16	165 6-1/2	35 1-3/8	24 15/16	59 2-9/32	23 29/32	83.3 3-9/32	82.6 3.25	33.3 1.31	M20 3/4	UC216 216-50	F216	7.5
UCF217 217-52 217-55	85 3-1/4 3-7/16	220 8-21/32	175 6-57/64	36 1-27/64	26 1-1/32	63 2-15/32	23 29/32	87.6 3-29/64	85.7 3.37	34.1 1.34	M20 3/4	UC217 217-52 217-55	F217	9.1
UCF218 218-56	90 3-1/2	235 9-1/4	187 7-23/64	42 1-21/32	26 1-1/32	70 2-49/64	23 29/32	98.3 3-7/8	96 3.77	39.7 1.56	M20 3/4	UC218 218-56	F218	11.3



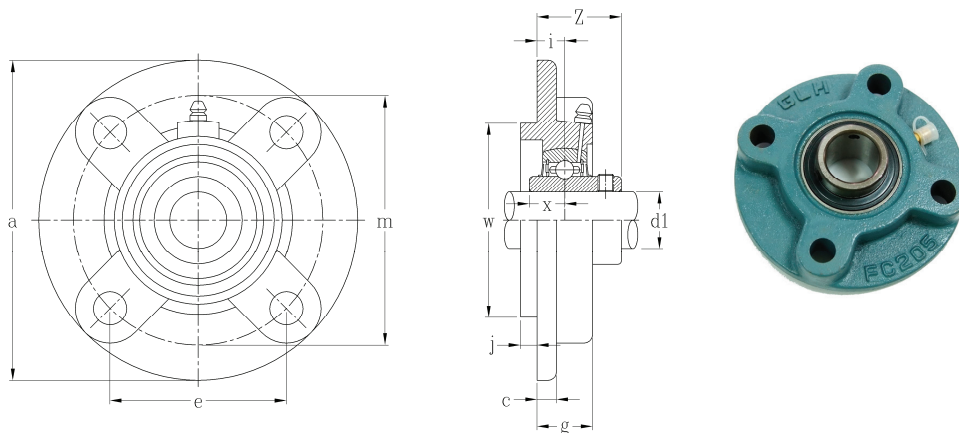
Unit No.	Shaft Dia. d1 mm inch	Nominal dimensions mm inch										Bolt Size mm inch	Bearing number	HSG., No.	Mass (kg)
		a	m	e	c	L	S	b	L1	Bi	x				
UCFL201 201-8	12 1/2	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC201 201-8	FL201	0.49
UCFL202 202-10	15 5/8	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC202 202-10	FL202	0.49
UCFL203 203-11	17 11/16	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC203 203-11	FL203	0.49
UCFL204 204-12	20 3/4	113 4-7/16	90 3-35/64	15 19/32	11 7/16	25.5 1	12 15/32	60 2-3/8	33.3 1-5/16	31 1.22	12.7 0.5	M10 3/8	UC204 204-12	FL204	0.49
UCFL205 205-14 205-15 205-16	25 7/8 15/16 1	130 5-1/8	99 3-57/64	16 5/8	13 1/2	27 1-1/16	16 5/8	68 2-11/16	35.7 1-13/32	34 1.33	14.3 0.56	M14 1/2	UC205 205-14 205-15 205-16	FL205	0.63
UCFL206 206-18 206-19 206-20	30 1-1/8 1-3/16 1-1/4	148 5-13/16	117 4-39/64	18 45/64	13 1/2	31 1-7/32	16 5/8	80 3-5/32	40.2 1-37/64	38.1 1.50	15.9 0.62	M14 1/2	UC206 206-18 206-19 206-20	FL206	0.94
UCFL207 207-20 207-21 207-22 207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	161 6-11/32	130 5-1/8	19 3/4	14 9/16	34 1-11/32	16 5/8	90 3-17/32	44.4 1-3/4	42.9 1.68	17.5 0.68	M14 1/2	UC207 207-20 207-21 207-22 207-23	FL207	1.2
UCFL208 208-24 208-25	40 1-1/2 1-9/16	175 6-7/8	144 5-43/64	21 53/64	14 9/16	36 1-13/32	16 5/8	100 3-15/16	51.2 2-1/64	49.2 1.93	19 0.74	M14 1/2	UC208 208-24 208-25	FL208	1.6
UCFL209 209-26 209-27 209-28	45 1-5/8 1-11/16 1-3/4	188 7-13/32	148 5-53/64	22 55/64	15 19/32	38 1-1/2	19 3/4	108 4-1/4	52.2 2-1/16	49.2 1.93	19 0.74	M16 5/8	UC209 209-26 209-27 209-28	FL209	1.9
UCFL210 210-30 210-31 210-32	50 1-7/8 1-15/16 2	197 7-3/4	157 6-3/16	22 55/64	15 19/32	40 1-9/16	19 3/4	115 4-17/32	54.6 2-5/32	51.6 2.03	19 0.74	M16 5/8	UC210 210-30 210-31 210-32	FL210	2.2
UCFL211 211-32 211-34 211-35	55 2 2-1/8 2-3/16	224 8-13/16	184 7-1/4	25 63/64	18 23/32	43 1-11/16	19 3/4	130 5-1/8	58.4 2-19/64	55.6 2.18	22.2 0.87	M16 5/8	UC211 211-32 211-34 211-35	FL211	3.2
UCFL212 212-36 212-38 212-39	60 2-1/4 2-3/8 2-7/16	250 9-27/32	202 7-61/64	29 1-9/64	18 23/32	48 1-7/8	23 29/32	140 5-1/2	68.7 2-45/64	65.1 2.56	25.4 1	M20 3/4	UC212 212-36 212-38 212-39	FL212	4.1
UCFL213 213-40	65 2-1/2	258 10-5/32	210 8-17/64	30 1-3/16	20 25/32	50 1-31/32	23 29/32	155 6-3/32	69.7 2-3/4	65.1 2.56	25.4 1	M20 3/4	UC213 213-40	FL213	5.1
UCFL214 214-44	70 2-3/4	265 10-7/16	216 8-1/2	31 1-7/32	20 25/32	54 2-1/8	23 29/32	160 6-5/16	75.4 2-31/32	74.6 2.93	30.2 1.18	M20 3/4	UC214 214-44	FL214	5.9
UCFL215 215-48	75 3	275 10-13/16	225 8-55/64	35 1-3/8	20 25/32	57 2-1/4	23 29/32	165 6-1/2	79.5 3-1/8	77.8 3.06	33.3 1.31	M20 3/4	UC215 215-48	FL215	6.4
UCFL216 216-50	80 3-1/8	290 11-13/32	233 9-11/64	35 1-3/8	20 25/32	58 2-9/32	25 63/64	180 7-3/32	83.3 3-9/32	82.6 3.25	33.3 1.31	M22 7/8	UC216 216-50	FL216	7.9
UCFL217 217-52	85 3-1/4	305 12	248 9-49/64	36 1-27/64	22 7/8	63 2-15/32	25 63/64	190 7-15/32	87.6 3-29/64	85.7 3.37	34.1 1.34	M22 7/8	UC217 217-52	FL217	9.6
UCFL218 218-56	90 3-1/2	320 12-19/32	265 10-7/16	40 1-37/64	23 29/32	70 2-49/64	25 63/64	205 8-1/16	98.3 3-7/8	96 3.77	39.7 1.56	M22 7/8	UC218 218-56	FL218	12.1

# UCT 200 (Normal-duty)

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Unit No.	Shaft Dia. d1 mm inch	Nominal dimensions mm inch														Bearing number	HSG., Mass No. (kg)
		N	g	p	q	s	b	c	e	a	w	L	h	Bi	x		
UCT201 201-8	12 1/2	16 5/8	10 25/64	51 2	32 1-1/4	19 3/4	51 2	12 0.47	76 2-63/64	89 3-1/2	94 3-11/16	21 13/16	61 2-13/32	31 1.22	12.7 0.5	UC201 201-8	T204 0.79
UCT202 202-10	15 5/8	16 5/8	10 25/64	51 2	32 1-1/4	19 3/4	51 2	12 0.47	76 2-63/64	89 3-1/2	94 3-11/16	21 13/16	61 2-13/32	31 1.22	12.7 0.5	UC202 202-10	T204 0.79
UCT203	17	16 5/8	10 25/64	51 2	32 1-1/4	19 3/4	51 2	12 0.47	76 2-63/64	89 3-1/2	94 3-11/16	21 13/16	61 2-13/32	31 1.22	12.7 0.5	UC203	T204 0.79
UCT204 204-12	20 3/4	16 5/8	10 25/64	51 2	32 1-1/4	19 3/4	51 2	12 0.47	76 2-63/64	89 3-1/2	94 3-11/16	21 13/16	61 2-13/32	31 1.22	12.7 0.5	UC204 204-12	T204 0.79
UCT205 205-14 205-15 205-16	25 1-1/8 7/8 15/16 1	16 5/8	10 25/64	51 2	32 1-1/4	19 3/4	51 2	12 0.47	76 2-63/64	89 3-1/2	97 3-13/16	24 15-16	62 2-7/16	34 1.33	14.3 0.56	UC205 205-14 205-15 205-16	T205 0.83
UCT206 206-18 206-19	30 1-1/8 1-3/16	16 5/8	10 25/64	56 2-7/32	37 1-15/32	22 7/8	57 2-1/4	12 0.47	89 3-1/2	102 4-1/32	113 4-7/16	28 1-3/32	70 2-3/4	38.1 1.50	15.9 0.62	UC206 206-18 206-19	T206 1.3
UCT207 207-20 207-21 207-22 207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	16 5/8	13 33/64	64 2-17/32	37 1-15/32	22 7/8	64 2-17/32	12 0.47	89 3-1/2	102 4-1/32	129 5-3/32	30 1-3/16	78 3-1/16	42.9 1.68	17.5 0.68	UC207 207-20 207-21 207-22 207-23	T207 1.7
UCT208 208-24 208-25	40 1-1/2 1-9/16	19 3/4	16 5/8	83 3-9/32	49 1-15/16	29 1-5/32	83 3-9/32	16 0.63	102 4-1/32	114 4-1/2	144 5-21/32	33 1-5/16	88 3-15/32	49.2 1.93	19 0.74	UC208 208-24 208-25	T208 2.4
UCT209 209-26 209-27 209-28	45 1-5/8 1-11/16 1-3/4	19 3/4	16 5/8	83 3-9/32	49 1-15/16	29 1-5/32	83 3-9/32	16 0.63	102 4-1/32	117 4-19/32	145 5-23/32	35 1-3/8	88 3-15/32	49.2 1.93	19 0.74	UC209 209-26 209-27 209-28	T209 2.4
UCT210 210-30 210-31	50 1-7/8 1-15/16	19 3/4	16 5/8	83 3-9/32	49 1-15/16	29 1-5/32	86 3-3/8	16 0.63	102 4-1/32	117 4-19/32	151 5-15/16	37 1-15/32	90 3-17/32	51.6 2.03	19 0.74	UC210 210-30 210-31	T210 2.5
UCT211 211-32 211-34 211-35	55 2 2-1/8 2-3/16	25	19 3/4	102 4-1/32	64 2-17/32	35 1-3/8	95 3-3/4	22 0.86	130 5-1/8	146 5-3/4	171 6-23/32	38 1-1/2	106 4-3/16	55.6 2.18	22.2 0.87	UC211 211-32 211-34 211-35	T211 4.0
UCT212 212-36 212-38 212-39	60 2-1/4 2-3/8 2-7/16	32 1-1/4	19 3/4	102 4-1/32	64 2-17/32	35 1-3/8	102 4-1/32	22 0.86	130 5-1/8	146 5-3/4	194 7-5/8	42 1-21/32	119 4-11/16	65.1 2.56	25.4 1	UC212 212-36 212-38 212-39	T212 5.2
UCT213 213-40	65 2-1/2	32 1-1/4	21 13/16	111 4-3/8	70 2-3/4	41 1-5/8	121 4-3/4	26 1.02	151 5-15/16	167 6-9/16	224 8-13/16	44 1-23/32	137 5-13/32	65.1 2.56	25.4 1	UC213 213-40	T213 7.05
UCT214 214-44	70 2-3/4	32 1-1/4	21 13/16	111 4-3/8	70 2-3/4	41 1-5/8	121 4-3/4	26 1.02	151 5-15/16	167 6-9/16	224 8-13/16	46 1-13/16	137 5-13/32	74.6 2.93	30.2 1.18	UC214 214-44	T214 7.1
UCT215 215-47 215-48	75 2-15/16 3	32 1-1/4	21 13/16	111 4-3/8	70 2-3/4	41 1-5/8	121 4-3/4	26 1.02	151 5-15/16	167 6-9/16	232 9-1/8	48 1-7/8	140 5-1/2	77.8 3.06	33.3 1.31	UC215 215-47 215-48	T215 7.5
UCT216 216-50	80 3-1/8	32 1-1/4	21 13/16	111 4-3/8	70 2-3/4	41 1-5/8	121 4-3/4	26 1.02	165 6-1/2	184 7-1/4	235 9-1/4	51 2	140 5-1/2	82.6 3.25	33.3 1.31	UC216 216-50	T216 8.5
UCT217 217-52	85 3-1/4	38 1-1/2	29 1-9/16	124 4-7/8	73 2-7/8	48 1-7/8	157 6-3/16	30 1.18	173 6-13/16	198 7-25/32	260 10-1/4	54 2-1/8	162 6-3/8	85.7 3.37	34.1 1.34	UC217 217-52	T217 11.2



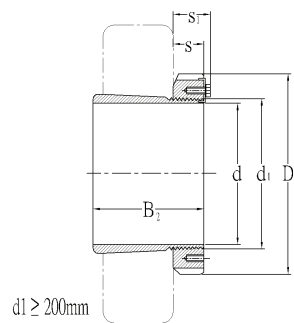
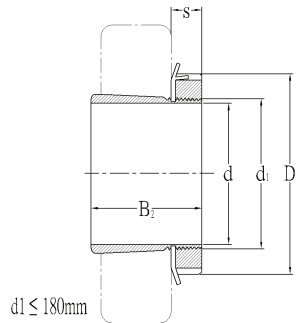
Unit No.	Shaft Dia. d1 mm inch	Nominal dimensions mm      inch												Bolt Size mm inch	Bearing number	HSG. No.	Mass (kg)
		a	m	e	i	s	j	c	g	w	Z	x					
UCFC201 201-8	12 1/2	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.44	28.3 1-7/64	12.7 0.5	M10 3/8	UC201 201-8	FC204	0.89	
UCFC202 202-10	15 5/8	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.44	28.3 1-7/64	12.7 0.5	M10 3/8	UC202 202-10	FC204	0.87	
UCFC203 203-11	17 11/16	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.44	28.3 1-7/64	12.7 0.5	M10 3/8	UC203 203-11	FC204	0.86	
UCFC204 204-12	20 3/4	100 3-15/16	78 3-5/64	55.1 2-11/64	10 25/64	12 15/32	5 13/64	7 9/32	20.5 13/16	62 2.44	28.3 1-7/64	12.7 0.5	M10 3/8	UC204 204-12	FC204	0.84	
UCFC205 205-14 205-15 205-16	25 7/8 15/16 1	115 4-17/32	90 3-35/64	63.6 2-1/2	10 25/64	12 15/32	6 15/64	7 9/32	21 13/16	70 2.75	29.7 1-11/64	14.3 0.56	M10 3/8	UC205 205-14 205-15 205-16	FC205	1.1	
UCFC206 206-18 206-19 206-20	30 1-1/8 1-3/16 1-1/4	125 4-29/32	100 3-15/16	70.7 2-25/32	10 25/64	12 15/32	8 5/16	8 5/16	23 29/32	80 3.14	32.2 1-17/64	15.9 0.62	M10 3/8	UC206 206-18 206-19 206-20	FC206	1.5	
UCFC207 207-20 207-21 207-22 207-23	35 1-1/4 1-5/16 1-3/8 1-7/16	135 5-5/16	110 4-21/64	77.8 3-1/16	11 7/16	14 35/64	8 5/16	9 11/32	26 1-1/32	90 3.54	36.4 1-7/16	17.5 0.68	M12 7/16	UC207 207-20 207-21 207-22 207-23	FC207	1.7	
UCFC208 208-24 208-25	40 1-1/2 1-9/16	145 5-23/32	120 4-23/32	84.8 3-11/32	11 7/16	14 35/64	10 25/64	9 11/32	26 1-1/32	100 3.93	41.2 1-5/8	19 0.74	M12 7/16	UC208 208-24 208-25	FC208	2.1	
UCFC209 209-26 209-27 209-28	45 1-5/8 1-11/16 1-3/4	160 6-5/16	132 5-13/64	93.3 3-43/64	10 25/64	16 5/8	12 15/32	14 9/16	26 1-1/32	105 4.13	40.2 1-37/64	19 0.74	M14 1/2	UC209 209-26 209-27 209-28	FC209	3.0	
UCFC210 210-30 210-31	50 1-7/8 1-15/16	165 6-1/2	138 5-7/16	97.6 3-27/32	10 25/64	16 5/8	12 15/32	14 9/16	28 1-3/32	110 4.33	42.6 1-47/64	19 0.74	M14 1/2	UC210 210-30 210-31	FC210	3.1	
UCFC211 211-32 211-34 211-35	55 2 2-1/8 2-3/16	185 7-9/32	150 5-29/32	106.1 4-11/64	13 33/64	19 3/4	12 15/32	15 19/32	31 1-7/32	125 4.92	46.4 1-53/64	22.2 0.87	M16 5/8	UC211 211-32 211-34 211-35	FC211	3.9	
UCFC212 212-36 212-38 212-39	60 2-1/4 2-3/8 2-7/16	195 7-11/16	160 6-19/64	113.1 4-29/64	17 43/64	19 3/4	12 15/32	15 19/32	36 1-13/32	135 5.31	56.7 2-15/64	25.4 1	M16 5/8	UC212 212-36 212-38 212-39	FC212	4.4	
UCFC213 213-40	65 2-1/2	205 8-1/16	170 6-11/16	120.2 4-47/64	16 5/8	19 3/4	14 35/64	15 19/32	36 1-13/32	145 5.7	55.7 2-3/16	25.4 1	M16 5/8	UC213 213-40	FC213	5.3	
UCFC214 214-44	70 2-3/4	215 8-15/32	177 6-31/32	125.1 4-59/64	17 43/64	19 3/4	14 35/64	18 23/32	40 1-9/16	150 5.9	61.4 2-27/64	30.2 1.18	M16 5/8	UC214 214-44	FC214	6.8	
UCFC215 215-48	75 3	220 8-21/32	184 7-1/4	130.1 5-1/8	18 23/32	19 3/4	16 5/8	18 23/32	40 1-9/16	160 6.29	62.5 2-29/64	33.3 1.31	M16 5/8	UC215 215-48	FC215	7.4	
UCFC216 216-50	80 3-1/8	240 9-7/16	200 7-7/8	141.4 5-9/16	18 23/32	23 29/32	16 5/8	18 23/32	42 1-21/32	170 6.69	67.3 2-21/32	33.3 1.31	M20 3/4	UC216 216-50	FC216	8.7	
UCFC217 217-52	85 3-1/4	250 9-27/32	208 8-3/16	147.1 5-51/64	18 23/32	23 29/32	18 23/32	20 25/32	45 1-25/32	180 7.08	69.6 2-47/64	34.1 1.34	M20 3/4	UC217 217-52	FC217	10.3	
UCFC218 218-56	90 3-1/2	265 10-7/16	220 8-21/32	155.5 6-1/8	22 55/64	23 29/32	18 23/32	20 25/32	50 1-31/32	190 7.48	78.3 3-5/64	39.7 1.56	M20 3/4	UC218 218-56	FC218	13.3	



Tapre Bore Bearing No.					Applicable Adapter Series and Withdrawal Sleeve Series
Self – Aligning Ball Bearings	Spherical Roller Bearings	Deep Groove Ball Bearings	Cylindrical Roller Bearings	Insert Bearings for Bearing Units	
自動調心滾珠軸承	自動調心滾子軸承	單列深溝滾子軸承	圓筒滾子軸承	連座軸承	適用之緊定套代號
1204K – 1222K	—	6211K – 6222K	N206K – N222K NU204K – NU222K	—	H 2
1304K – 1322K 2204K – 2222K	22208K – 22222K 21308K – 21322K	6311K – 6322K	NU2205K – NU2222K N306K – N322K NU304K – NU322K	—	H 3
2304K – 2322K	23218K – 23256K 22308K – 22356K	—	NU2305K – NU2356K	UK205 – UK218 UK305 – UK328 UKX05 – UKX20	H 23 HOH 23
—	23024K – 230/500K	6224K – 6240K	N(NU)224K – 264K N(NU)344K – 356K	—	H 30 HOH 30
—	23120K – 231/500K 22224K – 22264K	6324K – 6340K	NU2224K – NU2264K N(NU)324K – 340K	—	H 31 HOH 31
—	23260K – 232/500K	—	—	—	H 32 HOH 32
—	23936K – 239/500K	—	—	—	H 39 HOH 39
1208K – 1222K	—	—	N206K – N222K NU208K – NU222K	—	AH 2
1308K – 1322K 2208K – 2220K	22208K – 22220K 21308K – 21322K	6311K – 6322K	N(NU)308K – 322K NU2208K – NU2220K	—	AH 3
—	22236K – 22264K	—	NU2236K – NU2264K	—	AH 22 AOH 22
2308K – 2322K	23244K – 23256K 22308K – 22356K	—	NU2308K – NU2356K	—	AH 23 AOH 23
—	23024K – 230/500K	—	NU3024K – NU3064K	—	AH 30 AOH 30
2222K	23120K – 231/500K 22222K – 22234K	—	NU2222K – NU2234K	—	AH 31 AOH 31
—	23218K – 23240K 23260K – 232/500K	—	—	—	AH 32 AOH 32
—	23936K – 239/500K	—	—	—	AH 39 AOH 39
—	24024K – 240/500K	—	—	—	AH 240 AOH 240
—	24122K – 241/500K	—	—	—	AH 241 AOH 241
SNW & SNP (U.S.A Standard Specification)					
Locknuts					AN / KM.ANL / KML HN / HM.HNL / KML
Lockwashers and Lockplates					AW / MB.AWL / MBL AL / MS31.ALL / MS30



Series : H2(HE2,HS2,HA2) H3(HE3,HS3,HA3) H23(HE23,HS23,HA23)



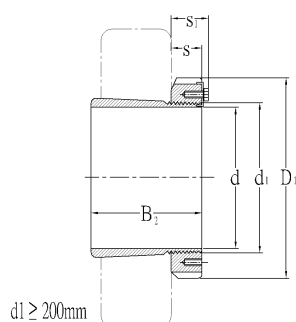
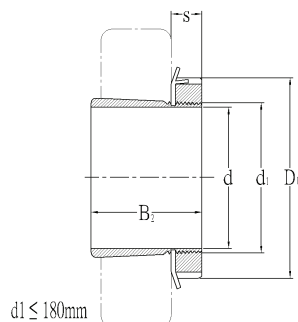
Unit:mm

Adapter No.	d1	d	B2	D1	S	Mass kg
H 204	20	17	24	32	7	0.041
H 205	25	20	26	38	8	0.070
H 206	30	25	27	45	8	0.099
H 207	35	30	29	52	9	0.125
H 208	40	35	31	58	10	0.174
H 209	45	40	33	65	11	0.227
H 210	50	45	35	70	12	0.274
H 211	55	50	37	75	12	0.308
H 212	60	55	38	80	13	0.346
H 213	65	60	40	85	14	0.401
H 214	70	60	41	92	14	0.593
H 215	75	65	43	98	15	0.707
H 216	80	70	46	105	17	0.882
H 217	85	75	50	110	18	1.02
H 218	90	80	52	120	18	1.19
H 219	95	85	55	125	19	1.37
H 220	100	90	58	130	20	1.49
H 221	105	95	60	140	20	1.72
H 222	110	100	63	145	21	1.93
H 304	20	17	28	32	7	0.045
H 305	25	20	29	38	8	0.075
H 306	30	25	31	45	8	0.109
H 307	35	30	35	52	9	0.142
H 308	40	35	36	58	10	0.189
H 309	45	40	39	65	11	0.248
H 310	50	45	42	70	12	0.303
H 311	55	50	45	75	12	0.345
H 312	60	55	47	80	13	0.394
H 313	65	60	50	85	14	0.458
H 314	70	60	52	92	14	0.723
H 315	75	65	55	98	15	0.831
H 316	80	70	59	105	17	1.03
H 317	85	75	63	110	18	1.18
H 318	90	80	65	120	18	1.37
H 319	95	85	68	125	19	1.56
H 320	100	90	71	130	20	1.69
H 321	105	95	74	140	20	1.95
H 322	110	100	77	145	21	2.18

Adapter No.	d1	d	B2	D1	S	S1	Mass kg
H 2304	20	17	31	32	7	-	0.049
H 2305	25	20	35	38	8	-	0.087
H 2306	30	25	38	45	8	-	0.126
H 2307	35	30	43	52	9	-	0.165
H 2308	40	35	46	58	10	-	0.224
H 2309	45	40	50	65	11	-	0.280
H 2310	50	45	55	70	12	-	0.362
H 2311	55	50	59	75	12	-	0.420
H 2312	60	55	62	80	13	-	0.481
H 2313	65	60	65	85	14	-	0.557
H 2314	70	60	68	92	14	-	0.897
H 2315	75	65	73	98	15	-	1.05
H 2316	80	70	78	105	17	-	1.28
H 2317	85	75	82	110	18	-	1.45
H 2318	90	80	86	120	18	-	1.69
H 2319	95	85	90	125	19	-	1.92
H 2320	100	90	97	130	20	-	2.15
H 2321	105	95	101	140	20	-	2.46
H 2322	110	100	105	145	21	-	2.74
H 2324	120	110	112	155	22	-	3.19
H 2326	130	115	121	165	23	-	4.60
H 2328	140	125	131	180	24	-	5.55
H 2330	150	135	139	195	26	-	6.63
H 2332	160	140	147	210	28	-	9.14
H 2334	170	150	154	220	29	-	10.2
H 2336	180	160	161	230	30	-	11.3
H 2338	190	170	169	240	31	-	12.6
H 2340	200	180	176	250	32	-	13.9
H 2344	220	200	186	280	35	44	16.7
H 2348	240	220	199	300	37	46	19.7
H 2352	260	240	211	330	39	49	24.2
H 2356	280	260	224	350	41	51	27.8

# Adapter Sleeves

Series : H30 , H31 , H32(HE30,HE31)

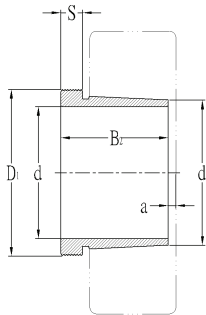


Unit:mm

Adapter No.	d1	d	B2	D1	S	S1	Mass kg
H 3024	120	110	72	145	22	—	1.93
H 3026	130	115	80	155	23	—	2.85
H 3028	140	125	82	165	24	—	3.16
H 3030	150	135	87	180	26	—	3.89
H 3032	160	140	93	190	28	—	5.21
H 3034	170	150	101	200	29	—	5.99
H 3036	180	160	109	210	30	—	6.83
H 3038	190	170	112	220	31	—	7.45
H 3040	200	180	120	240	32	—	9.19
H 3044	220	200	126	260	30	41	10.3
H 3048	240	220	133	290	34	46	13.2
H 3052	260	240	145	310	34	46	15.3
H 3056	280	260	152	330	38	50	17.7
H 3060	300	280	168	360	42	54	22.8
H 3064	320	300	171	380	42	55	24.6
H 3068	340	320	187	400	45	58	28.7
H 3072	360	340	188	420	45	58	30.5
H 3076	380	360	193	450	48	62	35.8
H 3080	400	380	210	470	52	66	41.3
H 3084	420	400	212	490	52	66	43.7
H 3088	440	410	228	520	60	77	65.2
H 3092	460	430	234	540	60	77	69.5
H 3096	480	450	237	560	60	77	73.3
H 3120	100	90	76	130	20	—	1.80
H 3122	110	100	81	145	21	—	2.25
H 3124	120	110	88	155	22	—	2.64
H 3126	130	115	92	165	23	—	3.66
H 3128	140	125	97	180	24	—	4.34
H 3130	150	135	111	195	26	—	5.52

Adapter No.	d1	d	B2	D1	S	S1	Mass kg
H 3132	160	140	119	210	28	—	7.67
H 3134	170	150	122	220	29	—	8.38
H 3136	180	160	131	230	30	—	9.5
H 3138	190	170	141	240	31	—	10.8
H 3140	200	180	150	250	32	—	12.1
H 3144	220	200	161	280	35	—	14.7
H 3148	240	220	172	300	37	—	17.3
H 3152	260	240	190	330	39	—	22.0
H 3156	280	260	195	350	41	—	24.5
H 3160	300	280	208	380	40	53	30.2
H 3164	320	300	226	400	42	56	34.9
H 3168	340	320	254	440	55	72	49.5
H 3172	360	340	259	460	58	75	54.2
H 3176	380	360	264	490	60	77	61.7
H 3180	400	380	272	520	62	82	70.6
H 3184	420	400	304	540	70	90	84.2
H 3188	440	410	307	560	70	90	104
H 3192	460	430	326	580	75	95	116
H 3196	480	450	335	620	75	95	133
H 3260	300	280	240	380	40	53	34.1
H 3264	320	300	258	400	42	56	39.3
H 3268	340	320	288	440	55	72	54.6
H 3272	360	340	299	460	58	75	60.6
H 3276	380	360	310	490	60	77	69.6
H 3280	400	380	328	520	62	82	81.0
H 3284	420	400	352	540	70	90	94.0
H 3288	440	410	361	560	70	90	118
H 3292	460	430	382	580	75	95	132
H 3296	480	450	397	620	75	95	152

Series : AH2 AH3 AH23 AH30



Unit:mm

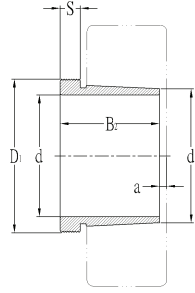
Adapter No.	d1	d	B2	S	a	D1	Mass kg
AH 208	40	35	25	6	2	M45*1.5	0.081
AH 209	45	40	26	6	3	M50*1.5	0.095
AH 210	50	45	28	7	3	M55*2	0.114
AH 211	55	50	29	7	3	M60*2	0.132
AH 212	60	55	32	8	3	M65*2	0.161
AH 213	65	60	32.5	8	3.5	M75*2	0.213
AH 214	70	65	33.5	8	3.5	M80*2	0.240
AH 215	75	70	34.5	8	3.5	M85*2	0.259
AH 216	80	75	35.5	8	3.5	M90*2	0.284
AH 217	85	80	38.5	9	3.5	M95*2	0.314
AH 218	90	85	40	9	4	M100*2	0.351
AH 219	95	90	43	10	4	M105*2	0.403
AH 220	100	95	45	10	4	M110*2	0.481
AH 222	110	105	50	11	4	M120*2	0.547
AH 308	40	35	29	6	3	M45*1.5	0.090
AH 309	45	40	31	6	3	M50*1.5	0.109
AHX310	50	45	35	7	3	M55*2	0.137
AHX311	55	50	37	7	3	M60*2	0.161
AHX312	60	55	40	8	3	M65*2	0.189
AH 313	65	60	42	8	3	M75*2	0.253
AH 314	70	65	43	8	4	M80*2	0.280
AH 315	75	70	45	8	4	M85*2	0.313
AH 316	80	75	48	8	4	M90*2	0.365
AHX317	85	80	52	9	4	M95*2	0.429
AHX318	90	85	53	9	4	M100*2	0.461
AHX319	95	90	57	10	4	M105*2	0.532
AHX320	100	95	59	10	4	M110*2	0.582
AHX322	110	105	63	12	4	M120*2	0.663
AH 2308	40	35	40	7	3	M45*1.5	0.128
AH 2309	45	40	44	7	3	M50*1.5	0.164
AHX2310	50	45	50	9	3	M55*2	0.209
AHX2311	55	50	54	10	3	M60*2	0.253
AHX2312	60	55	58	11	3	M65*2	0.297
AH 2313	65	60	61	12	3	M75*2	0.395
AHX2314	70	65	64	12	4	M80*2	0.466
AHX2315	75	70	68	12	4	M85*2	0.534
AHX2316	80	75	71	12	4	M90*2	0.597
AHX2317	85	80	74	13	4	M95*2	0.670
AHX2318	90	85	79	14	4	M100*2	0.779

Adapter No.	d1	d	B2	S	a	D1	Mass kg
AHX2319	95	90	85	16	4	M105*2	0.886
AHX2320	100	95	90	16	4	M110*2	0.998
AHX2322	110	105	98	16	4	M125*2	3.35
AHX2324	120	115	105	17	4	M135*2	1.60
AHX2326	130	125	115	19	4	M145*2	1.97
AHX2328	140	135	125	20	5	M155*3	2.33
AHX2330	150	145	135	24	5	M165*3	2.82
AH 2332	160	150	140	24	6	M180*3	4.72
AH 2334	170	160	146	24	6	M190*3	5.25
AH 2336	180	170	154	26	6	M200*3	5.83
AH 2338	190	180	160	26	7	Tr210*4	6.63
AH 2340	200	190	170	30	7	Tr220*4	7.54
AH 2344	220	200	181	30	8	Tr 240*4	13.5
AH 2348	240	220	189	30	8	Tr260*4	15.5
AH 2352	260	240	205	30	8	Tr290*4	19.6
AH 2356	280	260	212	30	8	Tr310*5	21.6
AHX3024	120	115	60	13	4	M130*2	0.750
AHX3026	130	125	67	14	4	M140*2	0.930
AHX3028	140	135	68	14	5	M150*2	1.01
AHX3030	150	145	72	15	5	M160*3	1.15
AH 3032	160	150	77	16	5	M170*3	2.06
AH 3034	170	160	85	17	5	M180*3	2.43
AH 3036	180	170	92	17	6	M190*3	2.81
AH 3038	190	180	96	18	6	Tr205*4	3.31
AH 3040	200	190	102	19	6	Tr215*4	3.80
AH 3044	220	200	111	20	6	Tr235*4	7.40
AH 3048	240	220	116	21	7	Tr260*4	8.75
AH 3052	260	240	128	23	7	Tr280*4	10.7
AH 3056	280	260	131	24	8	Tr300*4	12.0
AH 3060	300	280	145	26	8	Tr320*5	14.4
AH 3064	320	300	149	27	8	Tr345*5	16.0
AH 3068	340	320	162	28	9	Tr365*5	19.5
AH 3072	360	340	167	30	9	Tr385*5	21.0
AH 3076	380	360	170	31	10	Tr410*5	23.2
AH 3080	400	380	183	33	10	Tr430*5	27.3
AH 3084	420	400	186	34	10	Tr450*5	29.0
AHX3088	440	420	194	35	11	Tr470*5	32.0
AHX3092	460	440	202	37	11	Tr490*5	35.2
AHX3096	480	460	205	38	12	Tr520*6	39.2

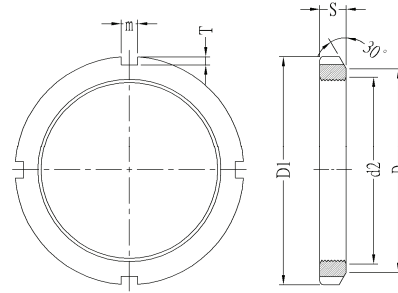
# Withdrawal Sleeve Nut for Adapter / Withdrawal Sleeves

**GLH<sup>®</sup>** 遠立行

Series : AH31 , AH32 , AH22



Series : AN / KM , ANL / KML

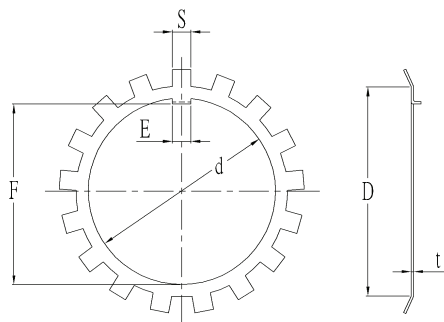


Unit:mm

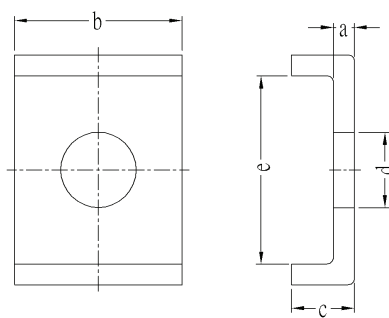
Adapter No.	d1	d	B2	S	a	D1	Mass kg
AHX3120	100	95	64	11	4	M110*2	0.650
AHX3122	110	105	68	11	4	M120*2	0.760
AHX3124	120	115	75	12	4	M130*2	0.950
AHX3126	130	125	78	12	4	M140*2	1.08
AHX3128	140	135	83	14	5	M150*2	1.28
AHX3130	150	145	96	15	5	M165*3	1.79
AH 3132	160	150	103	16	5	M180*3	3.21
AH 3134	170	160	104	16	5	M190*3	3.40
AH 3136	180	170	116	19	6	M200*3	4.22
AH 3138	190	180	125	20	6	Tr210*4	4.89
AH 3140	200	190	134	21	6	Tr220*4	5.49
AH 3144	220	200	145	23	6	Tr240*4	10.4
AH 3148	240	220	154	25	7	Tr260*4	12.0
AH 3152	260	240	172	26	7	Tr290*4	16.2
AH 3156	280	260	175	28	8	Tr310*5	17.5
AH 3160	300	280	192	30	8	Tr330*5	20.8
AH 3164	320	300	209	31	8	Tr350*5	24.5
AH 3168	340	320	225	33	9	Tr370*5	29.0
AH 3172	360	340	229	35	9	Tr400*5	33.0
AH 3176	380	360	232	36	10	Tr420*5	35.7
AH 3180	400	380	240	38	10	Tr440*5	39.5
AH 3184	420	400	266	40	10	Tr460*5	46.5
AHX3188	440	420	270	42	11	Tr480*5	49.8
AHX3192	460	440	285	43	11	Tr510*6	57.9
AHX3196	480	460	295	45	12	Tr530*6	63.1
AHX3218	90	85	63	10	4	M100*2	0.576
AHX3219	95	90	67	11	4	M105*2	0.655
AHX3220	100	95	73	11	4	M110*2	0.767
AHX3222	110	105	82	11	4	M125*2	1.04
AHX3224	120	115	90	13	4	M135*2	1.30
AHX3226	130	125	98	15	4	M145*2	1.58
AHX3228	140	135	104	15	5	M155*3	1.84
AHX3230	150	145	114	17	5	M165*3	2.22
AH 3232	160	150	124	20	6	M180*3	4.08
AH 3234	170	160	134	24	6	M190*3	4.80
AH 3236	180	170	140	25	6	M200*3	5.32
AH 3238	190	180	145	25	7	Tr210*4	5.90
AH 3240	200	190	153	24	7	Tr220*4	6.68
AH 3260	300	280	228	34	8	Tr330*5	26.0
AH 3264	320	300	246	36	8	Tr350*5	30.6
AH 2236	180	170	105	17	5	M200*3	3.73
AH 2238	190	180	112	18	5	Tr210*4	4.25
AH 2240	200	190	118	19	5	Tr220*4	4.68
AH 2244	220	200	130	20	6	Tr240*4	9.10
AH 2248	240	220	144	21	6	Tr260*4	11.1
AH 2252	260	240	155	23	6	Tr290*4	14.0
AH 2256	280	260	155	24	8	Tr310*5	15.2
AH 2260	300	280	170	26	8	Tr330*5	18.1
AH 2264	320	300	180	27	10	Tr350*5	20.2

Adapter No.	d2	D1	S	D	m	T	Mass kg
AN/KM 0	M 10*0.75	18	4	13.5	3	2	0.004
AN/KM 1	M 12*1	22	4	17	3	2	0.007
AN/KM 2	M 15*1	25	5	21	4	2	0.010
AN/KM 3	M 17*1	28	5	24	4	2	0.013
AN/KM 4	M 20*1	32	6	26	4	2	0.019
AN/KM 5	M 25*1.5	38	7	32	5	2	0.025
AN/KM 6	M 30*1.5	45	7	38	5	2	0.043
AN/KM 7	M 35*1.5	52	8	44	5	2	0.053
AN/KM 8	M 40*1.5	58	9	50	6	2.5	0.085
AN/KM 9	M 45*1.5	65	10	56	6	2.5	0.119
AN/KM 10	M 50*1.5	70	11	61	6	2.5	0.148
AN/KM 11	M 55*2	75	11	67	7	3	0.158
AN/KM 12	M 60*2	80	11	73	7	3	0.174
AN/KM 13	M 65*2	85	12	79	7	3	0.203
AN/KM 14	M 70*2	92	12	85	8	3.5	0.242
AN/KM 15	M 75*2	98	13	90	8	3.5	0.287
AN/KM 16	M 80*2	105	15	95	8	3.5	0.397
AN/KM 17	M 85*2	110	16	102	8	3.5	0.451
AN/KM 18	M 90*2	120	16	108	10	4	0.556
AN/KM 19	M 95*2	125	17	113	10	4	0.658
AN/KM 20	M 100*2	130	18	120	10	4	0.698
AN/KM 21	M 105*2	140	18	126	12	5	0.845
AN/KM 22	M 110*2	145	19	133	12	5	0.965
AN/KM 23	M 115*2	150	19	137	12	5	1.01
AN/KM 24	M 120*2	155	20	138	12	5	1.08
AN/KM 25	M 125*2	160	21	148	12	5	1.19
AN/KM 26	M 130*2	165	21	149	12	5	1.25
AN/KM 27	M 135*2	175	22	160	14	6	1.55
AN/KM 28	M 140*2	180	22	160	14	6	1.56
AN/KM 29	M 145*2	190	24	172	14	6	1.80
AN/KM 30	M 150*2	195	24	171	14	6	2.03
AN/KM 31	M 155*3	200	25	182	16	7	2.30
AN/KM 32	M 160*3	210	25	182	16	7	2.59
AN/KM 33	M 165*3	210	26	193	16	7	2.70
AN/KM 34	M 170*3	220	26	193	16	7	2.80
AN/KM 36	M 180*3	230	27	203	18	8	3.07
AN/KM 38	M 190*3	240	28	214	18	8	3.39
AN/KM 40	M 200*3	250	29	226	18	8	3.69
ANL/KML 24	M 120*2	145	20	135	12	5	0.78
ANL/KML 26	M 130*2	155	21	145	12	5	0.88
ANL/KML 28	M 140*2	165	22	155	12	5	0.99
ANL/KML 30	M 150*2	180	24	170	14	5	1.38
ANL/KML 32	M 160*3	190	25	180	14	5	1.56
ANL/KML 34	M 170*3	200	26	190	16	5	1.72
ANL/KML 36	M 180*3	210	27	200	16	5	1.95
ANL/KML 38	M 190*3	220	28	210	16	5	2.08
ANL/KML 40	M 200*3	240	29	222	18	8	2.98

Series : AW / MB



Series : AL / MS31, ALL / MS30



Unit:mm

Adapter No.	d	D	t	E	F	S	Mass (100/kg)
AW/MB 0	10	13.5	1	3	8.5	3	0.131
AW/MB 1	12	17	1	3	10.5	3	0.192
AW/MB 2	15	21	1	4	13.5	4	0.253
AW/MB 3	17	24	1	4	15.5	4	0.313
AW/MB 4	20	26	1	4	18.5	4	0.350
AW/MB 5	25	32	1.25	5	23	5	0.640
AW/MB 6	30	38	1.25	5	27.5	5	0.780
AW/MB 7	35	44	1.25	6	32.5	5	1.04
AW/MB 8	40	50	1.25	6	37.5	6	1.23
AW/MB 9	45	56	1.25	6	42.5	6	1.52
AW/MB 10	50	61	1.25	6	47.5	6	1.6
AW/MB 11	55	67	1.25	8	52.5	7	1.96
AW/MB 12	60	73	1.5	8	57.5	7	2.53
AW/MB 13	65	79	1.5	8	62.5	7	2.90
AW/MB 14	70	85	1.5	8	66.5	8	3.34
AW/MB 15	75	90	1.5	8	71.5	8	3.56
AW/MB 16	80	95	1.75	10	76.5	8	4.64
AW/MB 17	85	102	1.75	10	81.5	8	5.24
AW/MB 18	90	108	1.75	10	86.5	10	6.23
AW/MB 19	95	113	1.75	10	91.5	10	6.70
AW/MB 20	100	120	1.75	12	96.5	10	7.65
AW/MB 21	105	126	1.75	12	100.5	12	8.26
AW/MB 22	110	133	1.75	12	105.5	12	9.40
AW/MB 23	115	137	2	12	110.5	12	10.8
AW/MB 24	120	138	2	14	115	12	10.5
AW/MB 25	125	148	2	14	120	12	11.8
AW/MB 26	130	149	2	14	125	12	11.3
AW/MB 27	135	160	2	14	130	14	14.4
AW/MB 28	140	160	2	16	135	14	14.2
AW/MB 29	145	172	2	16	140	14	16.8
AW/MB 30	150	171	2	16	145	14	15.5
AW/MB 31	155	182	2.5	16	147.5	16	20.9
AW/MB 32	160	182	2.5	18	154	16	22.2
AW/MB 33	165	193	2.5	18	157.5	16	24.1
AW/MB 34	170	193	2.5	18	164	16	24.7
AW/MB 36	180	203	2.5	20	174	18	26.8
AW/MB 38	190	214	2.5	20	184	18	27.8
AW/MB 40	200	226	2.5	20	194	18	29.3
AW/MB 44	220	250	3	24	213	20	40.0
AW/MB 48	240	270	3	24	233	20	40.0
AW/MB 52	260	300	3	28	253	24	60.0
AW/MB 56	280	320	3	28	273	24	62.0

Adapter No.	a	b	c	d	e	Mass kg
AL/MS 3144	4	20	12	9	22.5	2.60
AL/MS 3148	4	20	12	9	22.5	2.60
AL/MS 3152	4	24	12	12	25.5	3.39
AL/MS 3156	4	24	12	12	25.5	3.39
AL/MS 3160	4	24	12	12	30.5	3.79
AL/MS 3164	5	24	15	12	31	5.35
AL/MS 3168	5	28	15	14	38	6.65
AL/MS 3172	5	28	15	14	38	6.65
AL/MS 3176	5	32	15	14	40	7.96
AL/MS 3180	5	32	15	18	45	8.20
AL/MS 3184	5	32	15	18	45	8.20
AL/MS 3188	5	36	15	18	43	9.00
AL/MS 3192	5	36	15	18	43	9.00
AL/MS 3196	5	36	15	18	53	10.4
ALL/MS 3044	4	20	12	7	13.5	2.12
ALL/MS 3048	4	20	12	9	17.5	2.29
ALL/MS 3052	4	20	12	9	17.5	2.29
ALL/MS 3056	4	24	12	9	17.5	2.92
ALL/MS 3060	4	24	12	9	20.5	3.16
ALL/MS 3064	5	24	15	9	21	4.56
ALL/MS 3068	5	24	15	9	21	4.56
ALL/MS 3072	5	28	15	9	20	5.03
ALL/MS 3076	5	28	15	12	24	5.28
ALL/MS 3080	5	28	15	12	24	5.28
ALL/MS 3084	5	32	15	12	24	6.11
ALL/MS 3088	5	32	15	14	28	6.45
ALL/MS 3092	5	32	15	14	28	6.45
ALL/MS 3096	5	36	15	14	28	7.29

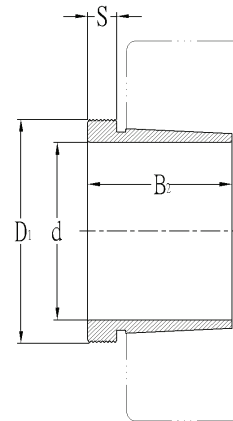
## Shaft Adapter Accessories For Tapered Bore Bearings

### SNW/SNP-Pull Type Sleeve, Locknut, Lockwasher/Lockplate Assemblies

The table below shows dimensions for adapter assemblies and components used in the mounting of tapered bore bearings on shafts.

.SNW assembly consists of a sleeve, locknut and lockwasher.

.SNP assembly consists of a sleeve, locknut and lockplate.



### FOR BEARING SERIES 222K

Bearing Number	Accessory Numbers				Shaft Dimensions Inches d Diameter	Adapter Dimensions Inch			SNW/SNP Assembly Weight lbs.
	Assembly	Sleeve	Locknut	Lockwasher Lockplate		B2	S	D1	
22209 K	SNW-09	S-09	N-09	W-09	$1\frac{7}{16}$	$1\frac{37}{64}$	$\frac{1}{2}$	$2\frac{17}{32}$	0.6
22210 K	SNW-10	S-10	N-10	W-10	$1\frac{11}{16}$	$1\frac{49}{64}$	$\frac{9}{16}$	$2\frac{11}{16}$	0.7
22211 K	SNW-11	S-11	N-11	W-11	$1\frac{15}{16}$	$1\frac{27}{32}$	$\frac{9}{16}$	$2\frac{31}{32}$	0.8
22212 K	SNW-12	S-12	N-12	W-12	$2\frac{1}{16}$	$1\frac{63}{64}$	$\frac{19}{32}$	$3\frac{5}{32}$	1.1
22213 K	SNW-13	S-13	N-13	W-13	$2\frac{3}{16}$	$2\frac{3}{32}$	$\frac{5}{8}$	$3\frac{3}{8}$	1.4
22214 K	SNW-14	S-14	N-14	W-14	$2\frac{5}{16}$	$2\frac{11}{64}$	$\frac{5}{8}$	$3\frac{5}{8}$	1.8
22215 K	SNW-15	S-15	AN-15	W-15	$2\frac{7}{16}$	$2\frac{19}{64}$	$\frac{43}{64}$	$3\frac{7}{8}$	2.0
22216 K	SNW-16	S-16	AN-16	W-16	$2\frac{11}{16}$	$2\frac{3}{8}$	$\frac{43}{64}$	$4\frac{5}{32}$	2.4
22217 K	SNW-17	S-17	AN-17	W-17	$2\frac{15}{16}$	$2\frac{31}{64}$	$\frac{45}{64}$	$4\frac{13}{32}$	3.0
22218 K	SNW-18	S-18	AN-18	W-18	$3\frac{3}{16}$	$2\frac{41}{64}$	$\frac{25}{32}$	$4\frac{21}{32}$	3.0
22219 K	SNW-19	S-19	AN-19	W-19	$3\frac{5}{16}$	$2\frac{49}{64}$	$\frac{13}{16}$	$4\frac{15}{16}$	3.3
22220 K	SNW-20	S-20	AN-20	W-20	$3\frac{7}{16}$	$2\frac{7}{8}$	$\frac{27}{32}$	$5\frac{3}{16}$	4.4
22222 K	SNW-22	S-22	AN-22	W-22	$3\frac{15}{16}$	$3\frac{13}{64}$	$\frac{29}{32}$	$5\frac{23}{32}$	5.0
22224 K	SNW-24	S-24	AN-24	W-24	$4\frac{3}{16}$	$3\frac{15}{32}$	$\frac{15}{16}$	$6\frac{1}{8}$	6.7
22226 K	SNW-26	S-26	AN-26	W-26	$4\frac{7}{16}$	$3\frac{49}{64}$	1	$6\frac{3}{4}$	8.6
22228 K	SNW-28	S-28	AN-28	W-28	$4\frac{15}{16}$	$3\frac{63}{64}$	$1\frac{1}{16}$	$7\frac{3}{32}$	10.3
22230 K	SNW-30	S-30	AN-30	W-30	$5\frac{3}{16}$	$4\frac{15}{64}$	$1\frac{1}{8}$	$7\frac{11}{16}$	13.5
22232 K	SNW-32	S-32	AN-32	W-32	$5\frac{7}{16}$	$4\frac{37}{64}$	$1\frac{3}{16}$	$8\frac{1}{16}$	15.6
22234 K	SNW-34	S-34	AN-34	W-34	$5\frac{15}{16}$	$4\frac{27}{32}$	$1\frac{7}{32}$	$8\frac{21}{32}$	19.4
22236 K	SNW-36	S-36	AN-36	W-36	$6\frac{7}{16}$	$5\frac{1}{32}$	$1\frac{1}{4}$	$9\frac{1}{16}$	20.5
22238 K	SNW-38	S-38	AN-38	W-38	$6\frac{15}{16}$	$5\frac{17}{64}$	$1\frac{9}{32}$	$9\frac{15}{32}$	23.4
22240 K	SNW-40	S-40	AN-40	W-40	$7\frac{3}{16}$	$5\frac{31}{64}$	$1\frac{11}{32}$	$9\frac{27}{32}$	30.5
22244 K	SNW-44	S-44	N-44	W-44	$7\frac{15}{16}$	$5\frac{29}{32}$	$1\frac{3}{8}$	11	33.0

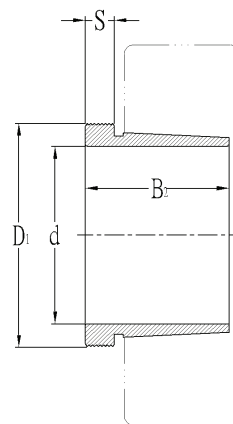
## Shaft Adapter Accessories For Tapered Bore Bearings

### SNW/SNP-Pull Type Sleeve, Locknut, Lockwasher/Lockplate Assemblies

The table below shows dimensions for adapter assemblies and components used in the mounting of tapered bore bearings on shafts.

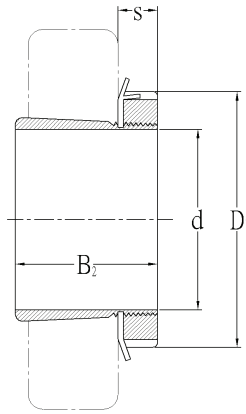
.SNW assembly consists of a sleeve, locknut and lockwasher.

.SNP assembly consists of a sleeve, locknut and lockplate.



### FOR BEARING SERIES 223K AND 232K

Bearing Number	Accessory Numbers					Shaft Dimensions Inches d Diameter	Adapter Dimensions Inch			SNW/SNP Assembly Weight lbs.
	Assembly	Sleeve	Locknut	Lockwasher Lockplate			B2	S	D1	
22308K	SNW-108	S-108	N-08	W-08		1 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>64</sub>	1/2	2 <sup>1</sup> / <sub>4</sub>	0.8
22309K	SNW-109	S-109	N-09	W-09		1 <sup>7</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>64</sub>	1/2	2 <sup>17</sup> / <sub>32</sub>	0.8
22310K	SNW-110	S-110	N-10	W-10		1 <sup>11</sup> / <sub>16</sub>	2 <sup>25</sup> / <sub>64</sub>	9/16	2 <sup>11</sup> / <sub>16</sub>	0.9
22311K	SNW-111	S-111	N-11	W-11		1 <sup>15</sup> / <sub>16</sub>	2 <sup>33</sup> / <sub>64</sub>	9/16	2 <sup>31</sup> / <sub>32</sub>	0.9
22312K	SNW-112	S-112	N-12	W-12		2 <sup>1</sup> / <sub>16</sub>	2 <sup>21</sup> / <sub>32</sub>	19/32	3 <sup>5</sup> / <sub>32</sub>	1.2
22313K	SNW-113	S-113	N-13	W-13		2 <sup>3</sup> / <sub>16</sub>	2 <sup>49</sup> / <sub>64</sub>	5/8	3 <sup>3</sup> / <sub>8</sub>	1.7
22314K	SNW-114	S-114	N-14	W-14		2 <sup>5</sup> / <sub>16</sub>	2 <sup>61</sup> / <sub>64</sub>	5/8	3 <sup>5</sup> / <sub>8</sub>	2.3
22315K	SNW-115	S-115	AN-15	W-15		2 <sup>7</sup> / <sub>16</sub>	3 <sup>5</sup> / <sub>64</sub>	43/64	3 <sup>7</sup> / <sub>8</sub>	3.0
22316K	SNW-116	S-116	AN-16	W-16		2 <sup>11</sup> / <sub>16</sub>	3 <sup>13</sup> / <sub>64</sub>	43/64	4 <sup>5</sup> / <sub>32</sub>	3.2
22317K	SNW-117	S-117	AN-17	W-17		2 <sup>15</sup> / <sub>16</sub>	3 <sup>5</sup> / <sub>16</sub>	45/64	4 <sup>13</sup> / <sub>32</sub>	3.5
22318K	SNW-118	S-118	AN-18	W-18		3 <sup>3</sup> / <sub>16</sub>	3 <sup>35</sup> / <sub>64</sub>	25/32	4 <sup>21</sup> / <sub>32</sub>	4.0
22319K	SNW-119	S-119	AN-19	W-19		3 <sup>5</sup> / <sub>16</sub>	3 <sup>45</sup> / <sub>64</sub>	13/16	4 <sup>15</sup> / <sub>16</sub>	5.0
22320K	23220K	SNW-120	S-120	AN-20	W-20	3 <sup>7</sup> / <sub>16</sub>	3 <sup>31</sup> / <sub>32</sub>	27/32	5 <sup>3</sup> / <sub>16</sub>	6.2
22322K	23222K	SNW-122	S-122	AN-22	W-22	3 <sup>15</sup> / <sub>16</sub>	4 <sup>11</sup> / <sub>32</sub>	29/32	5 <sup>23</sup> / <sub>32</sub>	6.5
22324K	23224K	SNW-124	S-124	AN-24	W-24	4 <sup>3</sup> / <sub>16</sub>	4 <sup>41</sup> / <sub>64</sub>	15/16	6 <sup>1</sup> / <sub>8</sub>	8.0
22326K	23226K	SNW-126	S-126	AN-26	W-26	4 <sup>7</sup> / <sub>16</sub>	4 <sup>63</sup> / <sub>64</sub>	1	6 <sup>3</sup> / <sub>4</sub>	12.4
22328K	23228K	SNW-128	S-128	AN-28	W-28	4 <sup>15</sup> / <sub>16</sub>	5 <sup>21</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>32</sub>	13.0
22330K	23230K	SNW-130	S-130	AN-30	W-30	5 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	7 <sup>11</sup> / <sub>16</sub>	17.6
22332K	23232K	SNW-132	S-132	AN-32	W-32	5 <sup>7</sup> / <sub>16</sub>	5 <sup>59</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	18.5
22334K	23234K	SNW-134	S-134	AN-34	W-34	5 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>32</sub>	8 <sup>21</sup> / <sub>32</sub>	21.0
22336K	23236K	SNW-136	S-136	AN-36	W-36	6 <sup>7</sup> / <sub>16</sub>	6 <sup>29</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>16</sub>	22.5
22338K	23238K	SNW-138	S-138	AN-38	W-38	6 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	1 <sup>9</sup> / <sub>32</sub>	9 <sup>15</sup> / <sub>32</sub>	28.0
22340K	23240K	SNW-140	S-140	AN-40	W-40	7 <sup>3</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>32</sub>	1 <sup>11</sup> / <sub>32</sub>	9 <sup>27</sup> / <sub>32</sub>	36.0
22344K	23244K	SNW-144	S-144	N-44	W-44	7 <sup>15</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>8</sub>	11	47.0
22348K	23248K	SNP-148	S-148	N-48	P-48	8 <sup>15</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>64</sub>	1 <sup>11</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>16</sub>	38.3
22352K	23252K	SNP-152	S-152	N-52	P-52	9 <sup>7</sup> / <sub>16</sub>	8 <sup>49</sup> / <sub>64</sub>	1 <sup>13</sup> / <sub>32</sub>	12 <sup>13</sup> / <sub>16</sub>	53.4
22356K	23256K	SNP-3256	S-3256	N-56	P-56	10 <sup>7</sup> / <sub>16</sub>	8 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	13	61.3

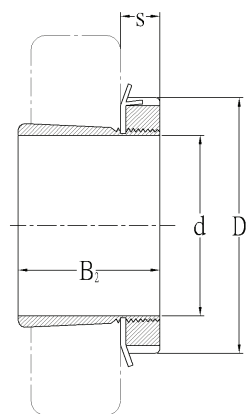


Tapered bore bearing plus SNW

## FOR BEARING SERIES 230K

Bearing Number	Accessory Numbers				Shaft Dimensions Inches d Diameter	Adapter Dimensions Inch			SNW/SNP Assembly Weight lbs.
	Assembly	Sleeve	Locknut	Lockwasher Lockplate		B2	S	D1	
23024 K	SNW-3024	S-3024	N-024	W-024	$4\frac{3}{16}$	$2\frac{61}{64}$	$1\frac{3}{16}$	$5\frac{11}{16}$	6.1
23026 K	SNW-3026	S-3026	N-026	W-026	$4\frac{7}{16}$	$3\frac{15}{64}$	$\frac{7}{8}$	$6\frac{1}{8}$	7.5
23028 K	SNW-3028	S-3028	N-028	W-028	$4\frac{15}{16}$	$3\frac{11}{32}$	$\frac{15}{16}$	$6\frac{1}{2}$	8.4
23030 K	SNW-3030	S-3030	N-030	W-030	$5\frac{3}{16}$	$3\frac{31}{64}$	$\frac{31}{32}$	$7\frac{1}{8}$	9.8
23032 K	SNW-3032	S-3032	N-032	W-032	$5\frac{7}{16}$	$3\frac{23}{32}$	$1\frac{1}{32}$	$7\frac{1}{2}$	11.8
23034 K	SNW-3034	S-3034	N-034	W-034	$5\frac{15}{16}$	$4\frac{1}{64}$	$1\frac{1}{16}$	$7\frac{7}{8}$	13.3
23036 K	SNW-3036	S-3036	N-036	W-036	$6\frac{7}{16}$	$4\frac{11}{32}$	$1\frac{3}{32}$	$8\frac{1}{4}$	15.2
23038 K	SNW-3038	S-3038	N-038	W-038	$6\frac{15}{16}$	$4\frac{13}{32}$	$1\frac{1}{8}$	$8\frac{11}{16}$	16.7
23040 K	SNW-3040	S-3040	N-040	W-040	$7\frac{3}{16}$	$4\frac{3}{4}$	$1\frac{3}{16}$	$9\frac{7}{16}$	19.7
23044 K	SNW-3044	S-3044	N-044	W-044	$7\frac{15}{16}$	$5\frac{1}{8}$	$1\frac{1}{4}$	$10\frac{1}{4}$	24.4
23048 K	SNP-3048	S-3048	N-048	P-48	$8\frac{15}{16}$	$5\frac{7}{16}$	$1\frac{11}{32}$	$11\frac{7}{16}$	32.2
23052 K	SNP-3052	S-3052	N-052	P-52	$9\frac{7}{16}$	$6\frac{1}{64}$	$1\frac{13}{32}$	$12\frac{3}{16}$	41.1
23056 K	SNP-3056	S-3056	N-056	P-56	$10\frac{7}{16}$	$6\frac{3}{16}$	$1\frac{1}{2}$	13	45.4
23060 K	SNP-3060	S-3060	N-060	P-60	$10\frac{15}{16}$	$6\frac{47}{64}$	$1\frac{9}{16}$	$14\frac{3}{16}$	58.9
23064 K	SNP-3064	S-3064	N-064	P-64	$11\frac{15}{16}$	$6\frac{61}{64}$	$1\frac{21}{32}$	15	65.7
23068 K	SNP-3068	S-3068	N-068	P-68	$12\frac{7}{16}$	$7\frac{35}{64}$	$1\frac{25}{32}$	$15\frac{3}{4}$	77.8
23072 K	SNP-3072	S-3072	N-072	P-72	$13\frac{7}{16}$	$7\frac{37}{64}$	$1\frac{25}{32}$	$16\frac{1}{2}$	86.2
23076 K	SNP-3076	S-3076	N-076	P-76	$13\frac{15}{16}$	$7\frac{3}{4}$	$1\frac{57}{64}$	$17\frac{3}{4}$	94.3
23080 K	SNP-3080	S-3080	N-080	P-80	15	$8\frac{13}{32}$	$2\frac{1}{16}$	$18\frac{1}{2}$	100.0



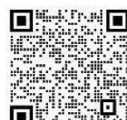


Tapered bore bearing plus SNW

## FOR BEARING SERIES 231K

Bearing Number	Accessory Numbers				Shaft Dimensions Inches d Diameter	Adapter Dimensions Inch			SNW/SNP Assembly Weight lbs.
	Assembly	Sleeve	Locknut	Lockwasher Lockplate		B2	S	D1	
23122 K	SNW-3122	S-22	N-022	W-022	$3^{15}/_{16}$	$3^{13}/_{64}$	$25/_{32}$	$5^5/_{32}$	4.2
23124 K	SNW-3124	S-24	N-026	W-024	$4^3/_{16}$	$3^{15}/_{32}$	$13/_{16}$	$5^{11}/_{16}$	5.8
23126 K	SNW-3126	S-26	N-026	W-026	$4^7/_{16}$	$3^{49}/_{64}$	$7/_{8}$	$6^1/_{8}$	8.3
23128 K	SNW-3128	S-28	N-028	W-028	$4^{15}/_{16}$	$3^{63}/_{64}$	$15/_{16}$	$6^1/_{2}$	8.8
23130 K	SNW-3130	S-30	N-030	W-030	$5^3/_{16}$	$4^{15}/_{64}$	$31/_{32}$	$7^1/_{8}$	13.7
23132 K	SNW-3132	S-32	N-032	W-032	$5^7/_{16}$	$4^{37}/_{64}$	$1^1/_{32}$	$7^1/_{2}$	13.3
23134 K	SNW-3134	S-34	N-034	W-034	$5^{15}/_{16}$	$4^{27}/_{32}$	$1^1/_{16}$	$7^7/_{8}$	16.1
23136 K	SNW-3136	S-36	N-036	W-036	$6^7/_{16}$	$5^1/_{32}$	$1^3/_{32}$	$8^1/_{4}$	17.1
23138 K	SNW-3138	S-38	N-038	W-038	$6^{15}/_{16}$	$5^{17}/_{64}$	$1^1/_{8}$	$8^{11}/_{16}$	19.7
23140 K	SNW-3140	S-40	N-040	W-040	$7^3/_{16}$	$5^{31}/_{64}$	$1^3/_{16}$	$9^7/_{16}$	28.4
23144 K	SNW-3144	S-44	N-044	W-044	$7^{15}/_{16}$	$5^{29}/_{32}$	$1^1/_{4}$	$10^1/_{4}$	28.1
23148 K	SNP-3148	S-48	N-048	P-48	$8^{15}/_{16}$	$6^{41}/_{64}$	$1^{11}/_{32}$	$11^7/_{16}$	36.0
23152 K	SNP-3152	S-52	N-052	P-52	$9^7/_{16}$	$7^{19}/_{32}$	$1^{13}/_{32}$	$12^3/_{16}$	39.0
23156 K	SNP-3156	S-3156	N-056	P-56	$10^7/_{16}$	$7^{49}/_{64}$	$1^1/_{2}$	13	60.0
23160 K	SNP-3160	S-3160	N-060	P-60	$10^{15}/_{16}$	$8^3/_{8}$	$1^9/_{16}$	$14^3/_{16}$	65.0
23164 K	SNP-3164	S-3164	N-064	P-64	$11^{15}/_{16}$	$9^7/_{64}$	$1^{21}/_{32}$	15	70.0

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