

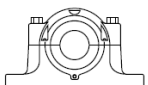
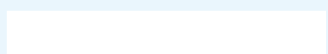
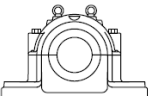
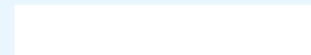
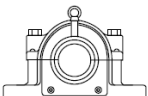
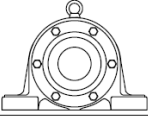
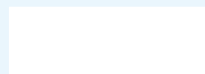
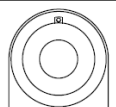
Ningbo Amol Machinery Co., Ltd.
Jiangsu Amol Bearing Co., Ltd.
Ningbo Amol Intl. Trade Co., Ltd.








Plummer blocks





- SN5
- SN2
- SNZ2
- SN6/S6
- SN3/S3
- SNZ3/SZ3
- SD5/SD5G/SD6/SD6G
- SD2/SD2G/SD3/SD3G
- SN30/SN31
- SD30/SD30G
- SD31/SD31G
- SV5
- SV2

Plummer block are housings for spherical roller bearings and self-aligning ball bearings. The standard housing is gray cast iron, while spheroidal graphite cast iron (ductile cast iron) and cast steel, are also available depending on the application. The housings can incorporate rubber seals, felt seals, or labyrinth seals depending on the application. Grease and oil are both available for lubrication.

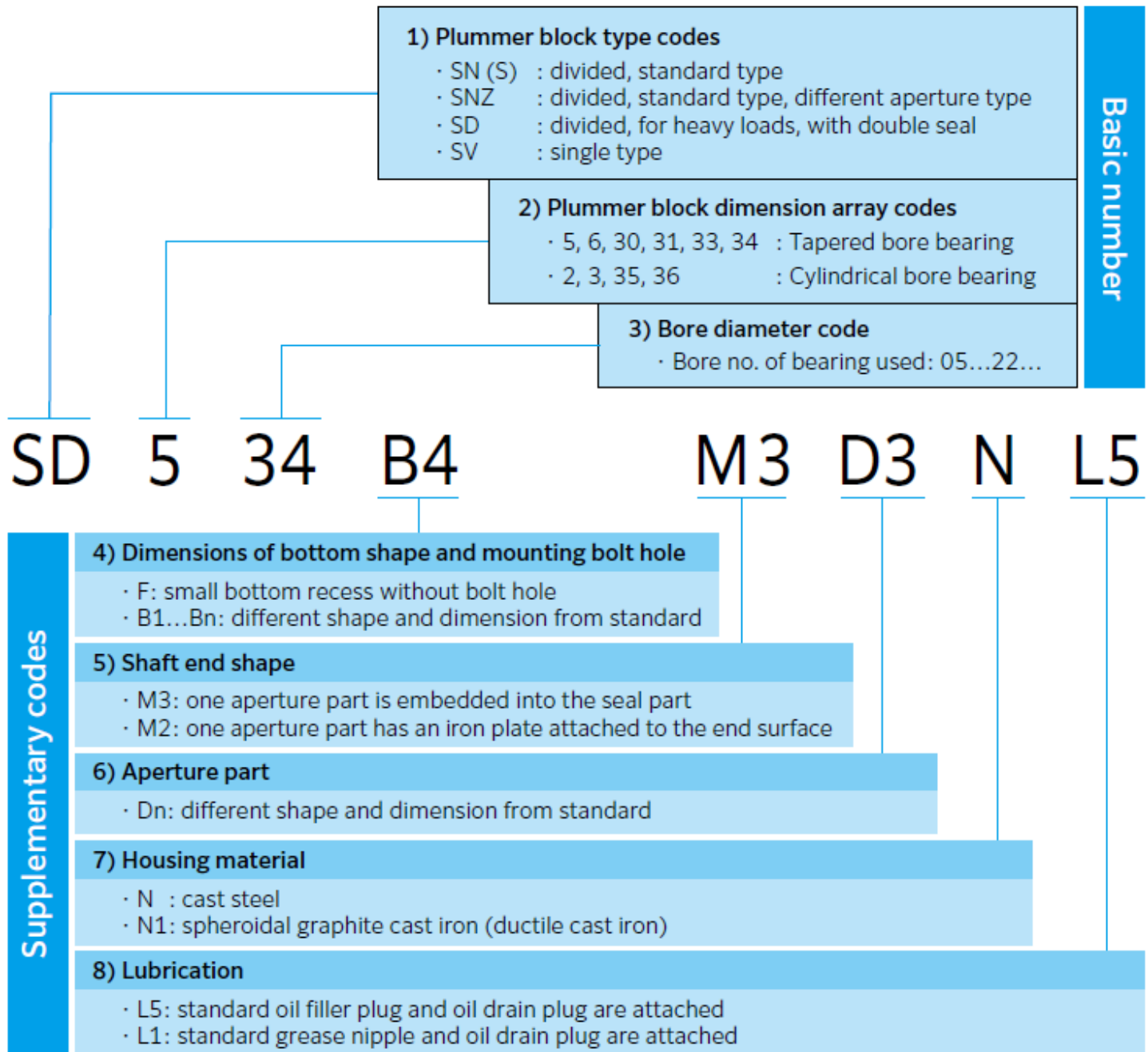
Plummer block types		Shaft diameter mm	Page of bearing dimension table
Split type	SN type 	25~140	
	SD type 	150~300	
	SBG type 	55~180	—
Single type	SV type 	20~300	
	VA type 	50~100	—

TYPES of PLUMME BLOCK

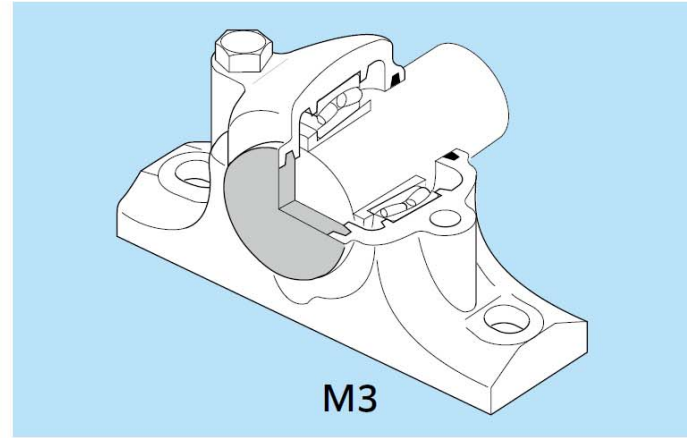
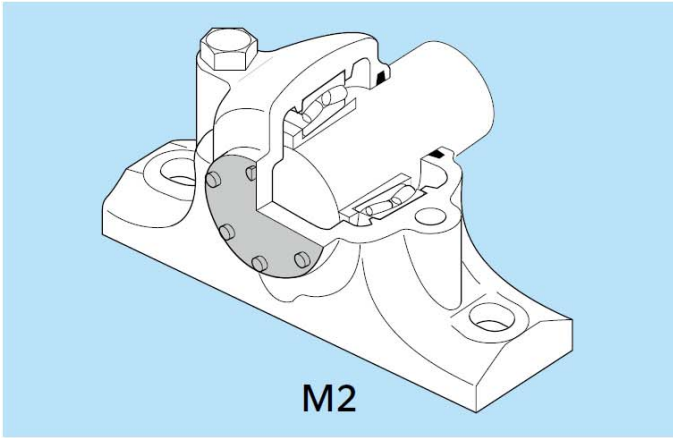
Type	
Split type	<p>SN type (standard type) SN5 SN2 SN6 SN3 S6 S3 SN30 SN31</p>  <p>Lubricant: grease Seal: rubber seal</p> <ul style="list-style-type: none"> · SN5 and SN6 are the most general types that are specified in JIS, ISO, and DIN, and widely used in the world. · SN30 and SN31 are a medium size and can be applied when the bearing diameter is large. · A tapered bore bearing (with adapter) is used.
	<p>SNZ type (stepped bore type) SNZ2 SNZ3 SZ3</p>  <p>Lubricant: grease Seal: rubber seal</p> <ul style="list-style-type: none"> · This type of plummer block is SN5, SN6, and S6 types having a large aperture on one side. · Cylindrical bore bearings are attached with nuts and washers.
	<p>SN type (high strength type) SN5·F SN2·F SNZ2·F SN6·F SN3·F</p>  <p>Lubricant: grease Seal: rubber seal</p> <ul style="list-style-type: none"> · The recess at the bottom part is made small to increase the strength of the plummer block. · The plummer block has same dimensions as SN5, SN6, and S6 types except the bottom shape. · A tapered bore bearing (with adapter) is used. · There is no mounting bolt hole.
	<p>SD type (standard type and large bore type) SD5·(G) SD2·D(G) SD6·(G) SD3·D(G) SD30·(G) SD31·(G) SD33·(G) SD34·(G)</p>  <p>Lubricant: grease or oil Seal: double rubber seal</p> <ul style="list-style-type: none"> · Used for heavy loads with large self-aligning roller bearings. · There are types for the floating side and the fixed side (G). · A tapered bore bearing (with adapter) is used. · There are four mounting bolt holes.
	<p>SD type (stepped bore type) SD2·(G) SD3·(G) SD35·(G) SD36·(G)</p>  <p>Lubricant: grease or oil Seal: double rubber seal</p> <ul style="list-style-type: none"> · Used for heavy loads with large self-aligning roller bearings. · This type of plummer block is SD5(G) and SD6(G) types having a large aperture on one side. · Cylindrical bore bearings are attached with nuts and washers.

Type	
Split type	<p>SD type (labyrinth seal type) SD31·TS(G) SD32·TS(G)</p>  <p>Lubricant: grease or oil Seal: Labyrinth seal</p> <ul style="list-style-type: none"> · Used for heavy loads with large self-aligning roller bearings. · Suitable for high speed rotation because the sealing device for labyrinth seals is adopted. · Used for both oil lubrication and grease lubrication because an oil sump is provided in the housing.
	<p>SV type (standard type) SV5 SV6 SV30</p>  <p>Lubricant: grease Seal: rubber seal</p> <ul style="list-style-type: none"> · The plummer block main body is a single type and has higher accuracy compared with the divided type. · Applied to tapered bore bearings.
Single type	<p>SV type (stepped bore type) SV2 SV3 SV35</p>  <p>Lubricant: grease Seal: rubber seal</p> <ul style="list-style-type: none"> · This type of plummer block is SN5 and SN6 types having a large aperture on one side. · Cylindrical bore bearings are attached with nuts and washers.
	<p>VA type (narrow attachment width type) VA5</p>  <p>Lubricant: grease Seal: oil seal</p> <ul style="list-style-type: none"> · Applied to tapered bore bearings. · Mounting bolt holes are provided at the bottom.

How to name a plummer block



For shaft ends, a plummer block having a non-penetrating aperture on the shaft end side (outer side) is generally used. There are two types shown below.



Dimensional tolerance of plummer blocks

Divided type				Single type					
Plummer block series	Bearing seating bore dia. Δ_{Ds}	Bearing seating bore width Δ_{gs}	Center height Δ_{Hs}	Plummer block series	Bearing seating bore dia. Δ_{Ds}	Center height Δ_{Hs}	Main body width I_1	Cover dimension I_2	Cover inlet width I_3
SN5, SN5F SN(S)6, SN(S)6F SN2, SNZ2, SN30 SN(S)3, SNZ(SZ)3, SN31 SBG5	H8	H13	h13	SV5 SV6 SV2 SV3 SV30 SV35 VA5	H7	h11	+0.2 0	±1	0 -0.2
SD30, SD31 SD33 SD34, SD35 SD36 SD2, SD3 SD5, SD6 SD31TS, SD32TS	H8	±0.2	h13						

Dimensional tolerance of length of castings

Size of castings (mm)				
120 or below	121 to 250	251 to 400	401 to 800	801 to 1600
±1.5	±2.0	±3.0	±4.0	±6.0

Plummer blocks and applied bearings

Applied bearing series Plummer block series	12	22	13	23	230	231	222	232	213	223
SN5 SN5··F	06SK ~22SK	06SK ~22SK					06EAK ~32EAK	18EMK, 20EMK ~32EMK		
SN2 SN2··F	06S ~22S	06S ~22S					06EA ~32EA	18EM, 20EM ~32EM		
SNZ2 SNZ2··F	06S ~22S	06S ~22S					06EA ~32EA	18EM, 20EM ~32EM		
SD5 SD5··G							34EMK ~64EMK			
SD2··D SD2··DG							34EM ~64EM			
SD2 SD2··G							34EM ~64EM			
SN(S)6 SN(S)6··F			06SK ~22SK	06SK ~22SK					08C~10C 11K~22K	08EAK~28EAK 30EMK~32EMK
SN(S)3 SN(S)3··F			06S ~22S	06S ~22S					08C~10C 11~22	08EA~28EA 30EM~32EM
SNZ(SZ)3 SNZ(SZ)3··F			06S ~22S	06S ~22S					08C~10C 11~22	08EA~28EA 30EM~32EM
SD6 SD6··G										34EMK ~56EMK
SD3··D SD3··DG										34EM ~56EM
SD3 SD3··G										34EM ~56EM
SN30					24EAK ~38EAK					
SD30 SD30··G					34EAK ~38EAK					
SD33 SD33··G					40EMK ~76EMK					
SD35 SD35··G					40EM ~76EM					
SN31						22EAK~36EAK 38EMK				
SD31 SD31··G						34EAK~36EAK 38EMK~68EMK 72BK~84BK				
SD34 SD34··G						40EMK ~68EMK				
SD36 SD36··G						40EM ~68EM				

Applied bearing series Plummer block series	12	22	13	23	230	231	222	232	213	223
SD31··TS SD31··TSG						34EAK~36EAK 38EMK~68EMK 72BK~89BK				
SD32··TS SD32··TSG								34EMK~64EMK 68BK~80BK		
SBG5							12EAK~32EAK 34EMK~40EMK			
SV5	05SK ~22SK	05SK ~22SK					05EAK ~32EAK	18EMK, 20EMK~64EMK		
SV2	05S ~22S	05S ~22S					05EA~32EA	18EM, 20EM~38EM		
SV6			05SK ~22SK	05SK ~22SK					08CK~10CK 11K~22K	08EAK~28EAK 30EMK~58EMK
SV3			05S ~22S	05S ~22S					08C~10C 11~22	08EA~28EA 30EM~58EM
SV30					22EAK~38EAK 40EMK~72EMK					
SV35					22EA~38EA 40EM~72EM					
VA5							11EAK ~22EAK			
TV5							11EAK ~32EAK			

Sealing device

External seals have two main functions: to prevent lubrication from leaking out and to prevent dust, water, and other contaminants from entering the bearing. The sealing device must be selected with the following in consideration: the type of lubricant (oil or grease) and seal peripheral speed. A rubber seal or a felt seal is used for the contact type, and a labyrinth seal is used for the non-contact type. There are also special seals suitable for other conditions including heavy contamination.

Contact seal

(1) Rubber seal (Fig. 3)

Since rubber seals are mainly used for grease lubrication, a rough standard for the peripheral speed is 5 to 6 m/s. Nitrile rubber is generally used for the rubber seal material, and materials shown in Table 6 are used depending on the ambient temperature.

(2) Felt seal (Fig. 4)

Felt seals are interchangeable with rubber seals, but the use is limited to grease lubrication. Felt seals are unsuitable for environments with a large amount of dust or high humidity, and a rough standard for the peripheral speed is 4 m/s. The seal is also convenient because it can be cut and embedded separately into the seal grooves at the upper and lower parts of a plummer block.

(3) S type seal (Fig. 5)

The S type seal has excellent sealing performance and can be used for grease and oil lubrications. Plummer blocks with special specifications are used. A rough standard for the peripheral speed of S type seals is 10 to 12 m/s. The shaft roughness and hardness of the seal contact area especially needs attention.

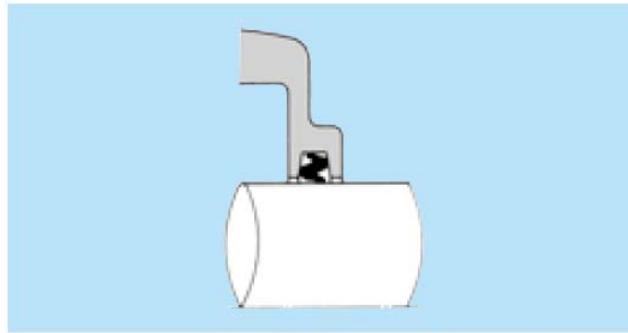


Fig. 3 Rubber seal

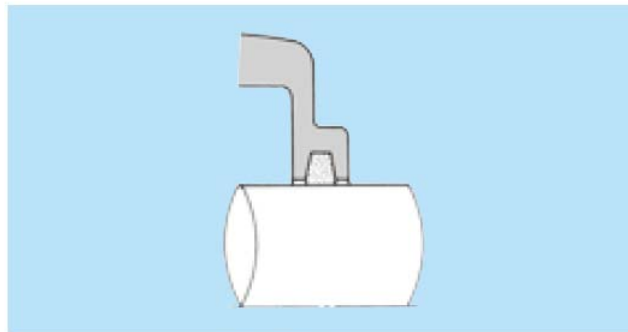


Fig. 4 Felt seal

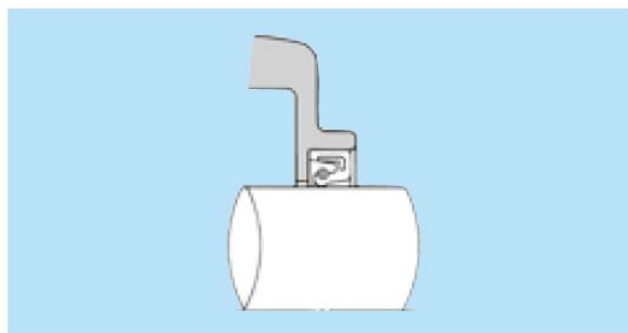


Fig. 5 S type seal

Rubber seal types and characteristics

Seal material	Abrasion resistance	Oil resistance	Acid resistance	Alkali resistance	Water resistance	Allowable temp rough standard (°C)	Characteristics
Nitrile rubber (NBR)	◎	◎	○	○	○	-25 100	The material has resistance to most oils and has good abrasion resistance; therefore, it is the most used oil seal material. The material can be used for most conditions of general machines.
Acrylic rubber (ACM)	◎	◎	△	×	△	-15 130	The material has good heat resistance and oil resistance but poor alkali resistance and water resistance; therefore, the application is limited.
Silicone rubber (VMQ)	○	○	△	×	○	-50 220	The material has good heat resistance and cold resistance but cannot be used for spindle oil and oil containing an extreme pressure additive.
Fluorinated rubber (FKM)	◎	◎	◎	△	○	-10 220	The material is not affected by most oils and chemicals. The material has well-balanced characteristics and can be used in a wide range of applications; therefore, it is the best oil seal material.

◎ : Good, ○ : Fair, △: Slightly poor, × : Poor (cannot be used)

Non-contact seal

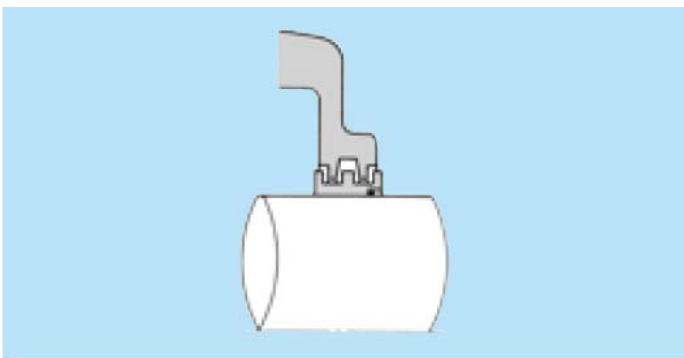


Fig. 6 Labyrinth seal

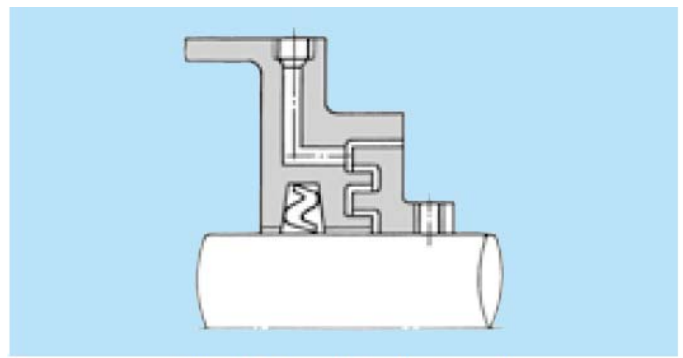


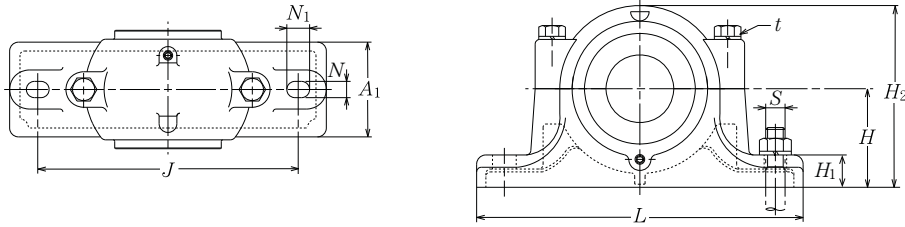
Fig. 8 Combination seal

Combination seal

Plummer Blocks

WBW

Plummer block series SN5
(standard type / for bearings with adapter assembly)



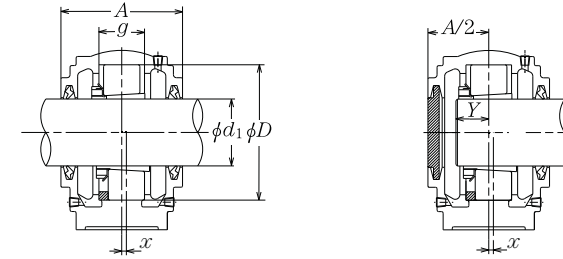
d₁ 25 ~ 140mm

Shaft dia. mm	Plummer block number	Dimensions											Oil filler / drain plug size	Reference dimension S	Mass kg	
		mm														
d ₁	D	H	J	N	N ₁	A	L	A ₁	H ₁	H ₂	g	t	Nominal no.	S	Nominal dimension	(approx.)
25	SN506	62	50	150	15	20	77	185	52	22	90	30	M8	R1/8	M12	1.7
30	SN507	72	50	150	15	20	82	185	52	22	95	33	M10	R1/8	M12	2.2
35	SN508	80	60	170	15	20	85	205	60	25	110	33	M10	R1/8	M12	2.6
40	SN509	85	60	170	15	20	85	205	60	25	112	31	M10	R1/8	M12	2.8
45	SN510	90	60	170	15	20	90	205	60	25	115	33	M10	R1/8	M12	3
50	SN511	100	70	210	18	23	95	255	70	28	130	33	M12	R1/8	M16	4
55	SN512	110	70	210	18	23	105	255	70	30	135	38	M12	R1/8	M16	4.5
60	SN513	120	80	230	18	23	110	275	80	30	150	43	M12	R1/8	M16	5.6
65	SN515	130	80	230	18	23	115	280	80	30	155	41	M12	R1/8	M16	6
70	SN516	140	95	260	22	27	120	315	90	32	175	43	M16	R1/8	M20	9
75	SN517	150	95	260	22	27	125	320	90	32	185	46	M16	R1/8	M20	9.3
80	SN518	160	100	290	22	27	145	345	100	35	195	62.4	M16	R1/8	M20	12
85	SN519	170	112	290	22	27	140	345	100	35	210	53	M16	R1/8	M20	14
90	SN520	180	112	320	26	32	160	380	110	40	218	70.3	M20	R1/8	M24	17
100	SN522	200	125	350	26	32	175	410	120	45	240	80	M20	R1/4	M24	20
110	SN524	215	140	350	26	32	185	410	120	45	270	86	M20	R1/4	M24	23
115	SN526	230	150	380	28	36	190	445	130	50	290	90	M24	R1/4	M24	29
125	SN528	250	150	420	33	42	205	500	150	50	305	98	M24	R1/4	M30	37
135	SN530	270	160	450	33	42	220	530	160	60	325	106	M24	R1/4	M30	42
140	SN532	290	170	470	33	42	235	550	160	60	345	114	M24	R1/4	M30	48

1) The stabilizing ring indicates the outer diameter and width dimension.
2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.
Note: 1. SN524 or larger plummer blocks are provided with a lifting eye bolt.

Plummer Blocks

WBW



Shaft penetration type

Shaft end type

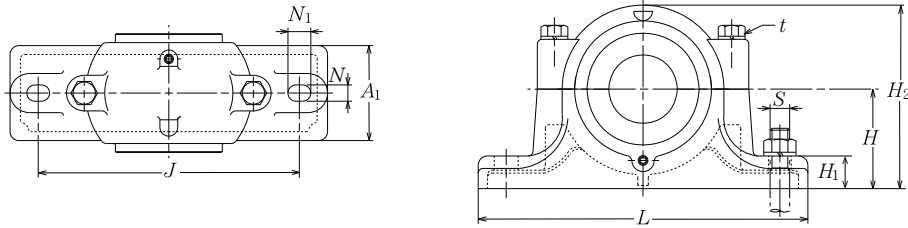
Combination of self-aligning ball bearings	Applied part			Reference dimension mm	Rubber seal number	End cover number	Shaft dia. mm				
	Bearing number	Adapter number	Stabilizing ring Number ¹⁾					Quantity	Bearing number	Adapter number	Stabilizing ring Number ¹⁾
1206SK	H206X	SR62×7	2	—	—	—	18				
2206SK	H306X	SR62×10	1	22206EAKW33	H306X	SR 62×10	1	20	ZF6	MF6	25
1207SK	H207X	SR72×8	2	—	—	—	19				
2207SK	H307X	SR72×10	1	22207EAKW33	H307X	SR 72×10	1	22	ZF7	MF7	30
1208SK	H208X	SR80×7.5	2	—	—	—	21				
2208SK	H308X	SR80×10	1	22208EAKD1	H308X	SR 80×10	1	23	ZF8	MF8	35
1209SK	H209X	SR85×6	2	—	—	—	22				
2209SK	H309X	SR85×8	1	22209EAKD1	H309X	SR 85×8	1	24	ZF9	MF9	40
1210SK	H210X	SR90×6.5	2	—	—	—	24				
2210SK	H310X	SR90×10	1	22210EAKD1	H310X	SR 90×10	1	25	ZF10	MF10	45
1211SK	H211X	SR100×6	2	—	—	—	25				
2211SK	H311X	SR100×8	1	22211EAKD1	H311X	SR100×8	1	27	ZF11	MF11	50
1212SK	H212X	SR110×8	2	—	—	—	26				
2212SK	H312X	SR110×10	1	22212EAKD1	H312X	SR110×10	1	29	ZF12	MF12	55
1213SK	H213X	SR120×10	2	—	—	—	28				
2213SK	H313X	SR120×12	1	22213EAKD1	H313X	SR120×12	1	32	ZF13	MF13	60
1215SK	H215X	SR130×8	2	—	—	—	30				
2215SK	H315X	SR130×10	1	22215EAKD1	H315X	SR130×10	1	33	ZF15	MF15	65
1216SK	H216X	SR140×8.5	2	—	—	—	32				
2216SK	H316X	SR140×10	1	22216EAKD1	H316X	SR140×10	1	36	ZF16	MF16	70
1217SK	H217X	SR150×9	2	—	—	—	34				
2217SK	H317X	SR150×10	1	22217EAKD1	H317X	SR150×10	1	38	ZF17	MF17	75
1218SK	H218X	SR160×16.2	2	—	—	—	35				
2218SK	H318X	SR160×11.2	2	22218EAKD1	H318X	SR160×11.2	2	40	ZF18	MF18	80
—	—	—	—	23218EMKD1	H2318X	SR160×10	1	46	—	—	—
1219SK	H219X	SR170×10.5	2	—	—	—	37				
2219SK	H319X	SR170×10	1	22219EAKD1	H319X	SR170×10	1	43	ZF19	MF19	85
1220SK	H220X	SR180×18.1	2	—	—	—	39				
2220SK	H320X	SR180×12.1	2	22220EAKD1	H320X	SR180×12.1	2	45	ZF20	MF20	90
—	—	—	—	23220EMKD1	H2320X	SR180×10	1	52	—	—	—
1222SK	H222X	SR200×21	2	—	—	—	42				
2222SK	H322X	SR200×13.5	2	22222EAKD1	H322X	SR200×13.5	2	50	ZF22	MF22	100
—	—	—	—	23222EMKD1	H2322X	SR200×10	1	58	—	—	—
—	—	—	—	22224EAKD1	H3124X	SR215×14	2	53	—	—	—
—	—	—	—	23224EMKD1	H2324X	SR215×10	1	62	ZF24	MF24	110
—	—	—	—	22226EAKD1	H3126	SR230×13	2	57	—	—	—
—	—	—	—	23226EMKD1	H2326	SR230×10	1	65	ZF26	MF26	115
—	—	—	—	22228EAKD1	H3128	SR250×15	2	60	—	—	—
—	—	—	—	23228EMKD1	H2328	SR250×10	1	70	ZF28	MF28	125
—	—	—	—	22230EAKD1	H3130	SR270×16.5	2	65	—	—	—
—	—	—	—	23230EMKD1	H2330	SR270×10	1	76	ZF30	MF30	135
—	—	—	—	22232EAKD1	H3132	SR290×17	2	71	—	—	—
—	—	—	—	23232EMKD1	H2332	SR290×10	1	83	ZF32	MF32	140

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.
3. Adapters for series 12 bearings can also be used with H2 and H3 series bearings.

Plummer Blocks

WBW

Plummer block series SN2
(large bore type / for cylindrical bore bearings)



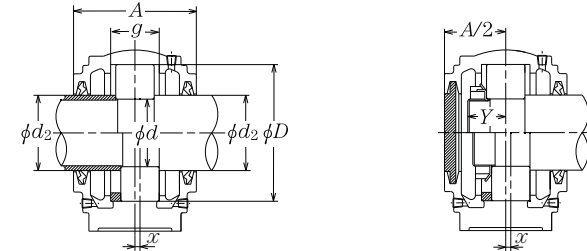
d 30 ~ 160mm

Shaft diameter		Plummer block number	Dimensions											Oil filler / drain plug size	Reference dimension S	Mass kg	
mm	mm		mm														kg
d	d ₂	D	H	J	N	N ₁	A	L	A ₁	H ₁	H ₂	g	t	Nominal dimension (approx.)			
30	35	SN206	62	50	150	15	20	77	185	52	22	90	30	M8	R1/8	M12	1.7
35	45	SN207	72	50	150	15	20	82	185	52	22	95	33	M10	R1/8	M12	2.1
40	50	SN208	80	60	170	15	20	85	205	60	25	110	33	M10	R1/8	M12	2.7
45	55	SN209	85	60	170	15	20	85	205	60	25	112	31	M10	R1/8	M12	3
50	60	SN210	90	60	170	15	20	90	205	60	25	115	33	M10	R1/8	M12	3.2
55	65	SN211	100	70	210	18	23	95	255	70	28	130	33	M12	R1/8	M16	4.3
60	70	SN212	110	70	210	18	23	105	255	70	30	135	38	M12	R1/8	M16	5.2
65	75	SN213	120	80	230	18	23	110	275	80	30	150	43	M12	R1/8	M16	5.9
70	80	SN214	125	80	230	18	23	115	275	80	30	155	44	M12	R1/8	M16	5.7
75	85	SN215	130	80	230	18	23	115	280	80	30	155	41	M12	R1/8	M16	7.2
80	90	SN216	140	95	260	22	27	120	315	90	32	175	43	M16	R1/8	M20	8.9
85	95	SN217	150	95	260	22	27	125	320	90	32	185	46	M16	R1/8	M20	9.9
90	100	SN218	160	100	290	22	27	145	345	100	35	195	62.4	M16	R1/8	M20	12
95	110	SN219	170	112	290	22	27	140	345	100	35	210	53	M16	R1/8	M20	13
100	115	SN220	180	112	320	26	32	160	380	110	40	218	70.3	M20	R1/8	M24	17
110	125	SN222	200	125	350	26	32	175	410	120	45	240	80	M20	R1/4	M24	22
120	135	SN224	215	140	350	26	32	185	410	120	45	270	86	M20	R1/4	M24	23
130	145	SN226	230	150	380	28	36	190	445	130	50	290	90	M24	R1/4	M24	28
140	155	SN228	250	150	420	33	42	205	500	150	50	305	98	M24	R1/4	M30	36
150	165	SN230	270	160	450	33	42	220	530	160	60	325	106	M24	R1/4	M30	43
160	175	SN232	290	170	470	33	42	235	550	160	60	345	114	M24	R1/4	M30	50

1) The stabilizing ring indicates the outer diameter and width dimension. 2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape. Note: 1. SN224 or larger plummer blocks are provided with a lifting eye bolt.

Plummer Blocks

WBW



Shaft penetration type

Shaft end type

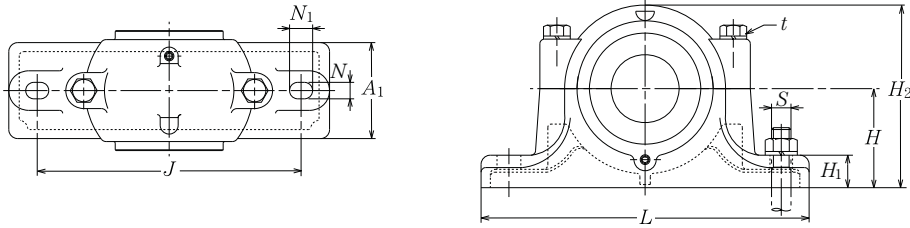
Combination of self-aligning ball bearings	Applied part		Combination of spherical roller bearings			Reference dimension Y ²⁾	Rubber seal number	End cover number	Shaft dia. mm
	Bearing number	Stabilizing ring Number ¹⁾	Quantity	Bearing number	Stabilizing ring Number ¹⁾				
1206S	SR62×7	2	—	—	—	18	—	—	30
2206S	SR62×10	1	22206EAW33	SR62×10	1	20	ZF8	MF8	30
1207S	SR72×8	2	—	—	—	19	—	—	35
2207S	SR72×10	1	22207EAW33	SR72×10	1	22	ZF10	MF10	35
1208S	SR80×7.5	2	—	—	—	21	—	—	40
2208S	SR80×10	1	22208EAD1	SR80×10	1	23	ZF11	MF11	40
1209S	SR85×6	2	—	—	—	22	—	—	45
2209S	SR85×8	1	22209EAD1	SR85×8	1	24	ZF12	MF12	45
1210S	SR90×6.5	2	—	—	—	24	—	—	50
2210S	SR90×10	1	22210EAD1	SR90×10	1	25	ZF13	MF13	50
1211S	SR100×6	2	—	—	—	25	—	—	55
2211S	SR100×8	1	22211EAD1	SR100×8	1	27	ZF15	MF15	55
1212S	SR110×8	2	—	—	—	26	—	—	60
2212S	SR110×10	1	22212EAD1	SR110×10	1	29	ZF16	MF16	60
1213S	SR120×10	2	—	—	—	28	—	—	65
2213S	SR120×12	1	22213EAD1	SR120×12	1	32	ZF17	MF17	65
1214S	SR125×10	2	—	—	—	28	—	—	70
2214S	SR125×13	1	22214EAD1	SR125×13	1	32	ZF18	MF18	70
1215S	SR130×8	2	—	—	—	30	—	—	75
2215S	SR130×10	1	22215EAD1	SR130×10	1	33	ZF19	MF19	75
1216S	SR140×8.5	2	—	—	—	32	—	—	80
2216S	SR140×10	1	22216EAD1	SR140×10	1	36	ZF20	MF20	80
1217S	SR150×9	2	—	—	—	34	—	—	85
2217S	SR150×10	1	22217EAD1	SR150×10	1	38	ZF21	MF21	85
1218S	SR160×16.2	2	—	—	—	35	—	—	90
2218S	SR160×11.2	2	22218EAD1	SR160×11.2	2	40	ZF22	MF22	90
—	—	—	23218EMD1	SR160×10	1	46	—	—	—
1219S	SR170×10.5	2	—	—	—	37	—	—	95
2219S	SR170×10	1	22219EAD1	SR170×10	1	43	ZF24	MF24	95
1220S	SR180×18.1	2	—	—	—	39	—	—	100
2220S	SR180×12.1	2	22220EAD1	SR180×12.1	2	45	ZF26	MF26	100
—	—	—	23220EMD1	SR180×10	1	52	—	—	—
1222S	SR200×21	2	—	—	—	42	—	—	110
2222S	SR200×13.5	2	22222EAD1	SR200×13.5	2	50	ZF28	MF28	110
—	—	—	23222EMD1	SR200×10	1	58	—	—	—
—	—	—	22224EAD1	SR215×14	2	53	—	—	120
—	—	—	23224EMD1	SR215×10	1	62	ZF30	MF30	120
—	—	—	22226EAD1	SR230×13	2	57	—	—	130
—	—	—	23226EMD1	SR230×10	1	65	GS33	MF33	130
—	—	—	22228EAD1	SR250×15	2	60	—	—	140
—	—	—	23228EMD1	SR250×10	1	70	GS35	MF35	140
—	—	—	22230EAD1	SR270×16.5	2	65	—	—	150
—	—	—	23230EMD1	SR270×10	1	75	GS37	MF37	150
—	—	—	22232EAD1	SR290×17	2	71	—	—	160
—	—	—	23232EMD1	SR290×10	1	83	GS39	MF39	160

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.

Plummer Blocks



Plummer block series SNZ2
(stepped bore type / for cylindrical bore bearings)

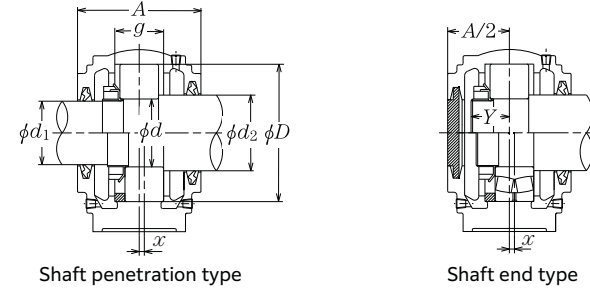


d 30 ~ 160mm

Shaft diameter mm	Plummer block number		Dimensions											Oil filler / drain plug size	Reference dimension S	Mass kg		
			mm															
d	d ₁	d ₂	D	H	J	N	N ₁	A	L	A ₁	H ₁	H ₂	g	t	S	(approx.)		
30	25	35	SNZ206	62	50	150	15	20	77	185	52	22	90	30	M 8	R1/8	M12	1.8
35	30	45	SNZ207	72	50	150	15	20	82	185	52	22	95	33	M10	R1/8	M12	2.2
40	35	50	SNZ208	80	60	170	15	20	85	205	60	25	110	33	M10	R1/8	M12	2.9
45	40	55	SNZ209	85	60	170	15	20	85	205	60	25	112	31	M10	R1/8	M12	3.2
50	45	60	SNZ210	90	60	170	15	20	90	205	60	25	115	33	M10	R1/8	M12	3.4
55	50	65	SNZ211	100	70	210	18	23	95	255	70	28	130	33	M12	R1/8	M16	4.5
60	55	70	SNZ212	110	70	210	18	23	105	255	70	30	135	38	M12	R1/8	M16	5.4
65	60	75	SNZ213	120	80	230	18	23	110	275	80	30	150	43	M12	R1/8	M16	6.2
70	60	80	SNZ214	125	80	230	18	23	115	275	80	30	155	44	M12	R1/8	M16	6.7
75	65	85	SNZ215	130	80	230	18	23	115	280	80	30	155	41	M12	R1/8	M16	7.6
80	70	90	SNZ216	140	95	260	22	27	120	315	90	32	175	43	M16	R1/8	M20	9.4
85	75	95	SNZ217	150	95	260	22	27	125	320	90	32	185	46	M16	R1/8	M20	10
90	80	100	SNZ218	160	100	290	22	27	145	345	100	35	195	62.4	M16	R1/8	M20	13
95	85	110	SNZ219	170	112	290	22	27	140	345	100	35	210	53	M16	R1/8	M20	16
100	90	115	SNZ220	180	112	320	26	32	160	380	110	40	218	70.3	M20	R1/8	M24	18
110	100	125	SNZ222	200	125	350	26	32	175	410	120	45	240	80	M20	R1/4	M24	23
120	110	135	SNZ224	215	140	350	26	32	185	410	120	45	270	86	M20	R1/4	M24	25
130	115	145	SNZ226	230	150	380	28	36	190	445	130	50	290	90	M24	R1/4	M24	32
140	125	155	SNZ228	250	150	420	33	42	205	500	150	50	305	98	M24	R1/4	M30	41
150	135	165	SNZ230	270	160	450	33	42	220	530	160	60	325	106	M24	R1/4	M30	49
160	140	175	SNZ232	290	170	470	33	42	235	550	160	60	345	114	M24	R1/4	M30	57

1) The stabilizing ring indicates the outer diameter and width dimension. 2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape. Note: 1. SNZ224 or larger plummer blocks are provided with a lifting eye bolt.

Plummer Blocks



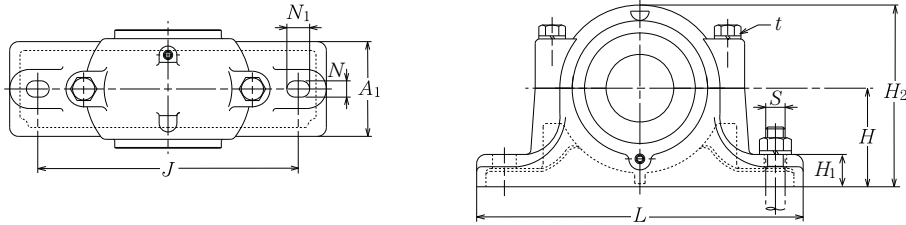
Combination of self-aligning ball bearings Bearing number	Applied part		Nut number	Washer number	Reference dimension mm Y ²⁾	Rubber seal number d ₁ side	End cover number d ₂ side	Shaft dia. mm d		
	Stabilizing ring Number ¹⁾	Quantity							Combination of spherical roller bearings Bearing number	Stabilizing ring Number ¹⁾
1206S	SR62×7	2	-	-	-	18	ZF6	MF6	30	
2206S	SR62×10	1	22206EAW33	SR62×10	1	20	ZF6	ZF8	MF6	30
1207S	SR72×8	2	-	-	-	19	ZF7	ZF10	MF7	35
2207S	SR72×10	1	22207EAW33	SR72×10	1	22	ZF7	ZF10	MF7	35
1208S	SR80×7.5	2	-	-	-	21	ZF8	ZF11	MF8	40
2208S	SR80×10	1	22208EAD1	SR80×10	1	23	ZF8	ZF11	MF8	40
1209S	SR85×6	2	-	-	-	22	ZF9	ZF12	MF9	45
2209S	SR85×8	1	22209EAD1	SR85×8	1	24	ZF9	ZF12	MF9	45
1210S	SR90×6.5	2	-	-	-	24	ZF10	ZF13	MF10	50
2210S	SR90×10	1	22210EAD1	SR90×10	1	25	ZF10	ZF13	MF10	50
1211S	SR100×6	2	-	-	-	25	ZF11	ZF15	MF11	55
2211S	SR100×8	1	22211EAD1	SR100×8	1	27	ZF11	ZF15	MF11	55
1212S	SR110×8	2	-	-	-	26	ZF12	ZF16	MF12	60
2212S	SR110×10	1	22212EAD1	SR110×10	1	29	ZF12	ZF16	MF12	60
1213S	SR120×10	2	-	-	-	28	ZF13	ZF17	MF13	65
2213S	SR120×12	1	22213EAD1	SR120×12	1	32	ZF13	ZF17	MF13	65
1214S	SR125×10	2	-	-	-	28	ZF13	ZF18	MF13	70
2214S	SR125×13	1	22214EAD1	SR125×13	1	32	ZF13	ZF18	MF13	70
1215S	SR130×8	2	-	-	-	30	ZF15	ZF19	MF15	75
2215S	SR130×10	1	22215EAD1	SR130×10	1	33	ZF15	ZF19	MF15	75
1216S	SR140×8.5	2	-	-	-	32	ZF16	ZF20	MF16	80
2216S	SR140×10	1	22216EAD1	SR140×10	1	36	ZF16	ZF20	MF16	80
1217S	SR150×9	2	-	-	-	34	ZF17	ZF21	MF17	85
2217S	SR150×10	1	22217EAD1	SR150×10	1	38	ZF17	ZF21	MF17	85
1218S	SR160×16.2	2	-	-	-	35	ZF18	ZF22	MF18	90
2218S	SR160×11.2	2	22218EAD1	SR160×11.2	2	40	ZF18	ZF22	MF18	90
-	-	-	23218EMD1	SR160×10	1	46	-	-	-	-
1219S	SR170×10.5	2	-	-	-	37	ZF19	ZF24	MF19	95
2219S	SR170×10	1	22219EAD1	SR170×10	1	43	ZF19	ZF24	MF19	95
1220S	SR180×18.1	2	-	-	-	39	ZF20	ZF26	MF20	100
2220S	SR180×12.1	2	22220EAD1	SR180×12.1	2	45	ZF20	ZF26	MF20	100
-	-	-	23220EMD1	SR180×10	1	52	-	-	-	-
1222S	SR200×21	2	-	-	-	42	ZF22	ZF28	MF22	110
2222S	SR200×13.5	2	22222EAD1	SR200×13.5	2	50	ZF22	ZF28	MF22	110
-	-	-	23222EMD1	SR200×10	1	58	-	-	-	-
-	-	-	22224EAD1	SR215×14	2	53	ZF24	ZF30	MF24	120
-	-	-	23224EMD1	SR215×10	1	62	-	-	-	-
-	-	-	22226EAD1	SR230×13	2	57	ZF26	GS33	MF26	130
-	-	-	23226EMD1	SR230×10	1	65	-	-	-	-
-	-	-	22228EAD1	SR250×15	2	60	ZF28	GS35	MF28	140
-	-	-	23228EMD1	SR250×10	1	70	-	-	-	-
-	-	-	22230EAD1	SR270×16.5	2	65	ZF30	GS37	MF30	150
-	-	-	23230EMD1	SR270×10	1	76	-	-	-	-
-	-	-	22232EAD1	SR290×17	2	71	ZF32	GS39	MF32	160
-	-	-	23232EMD1	SR290×10	1	83	-	-	-	-

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.

Plummer Blocks



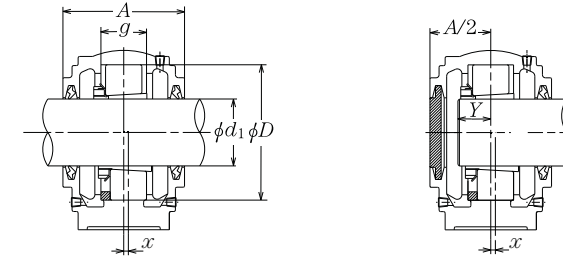
Plummer block series SN6 / S6
(standard type / for bearings with adapter)



d_1 25 ~ 140mm

Shaft dia. mm	Plummer block number	Dimensions											Oil filler / drain plug size	Reference dimension S	Mass kg	
		mm														
d_1		D	H	J	N	N_1	A	L	A_1	H_1	H_2	g	t	S	(approx.)	
25	SN606	72	50	150	15	20	82	185	52	22	95	37	M10	R1/8	M12	2.3
30	SN607	80	60	170	15	20	90	205	60	25	110	41	M10	R1/8	M12	3
35	SN608	90	60	170	15	20	95	205	60	25	115	43	M10	R1/8	M12	3.1
40	SN609	100	70	210	18	23	105	255	70	28	130	46	M12	R1/8	M16	4.4
45	SN610	110	70	210	18	23	115	255	70	30	135	50	M12	R1/8	M16	5
50	SN611	120	80	230	18	23	120	275	80	30	150	53	M12	R1/8	M16	5.8
55	SN612	130	80	230	18	23	125	280	80	30	155	56	M12	R1/8	M16	7.7
60	SN613	140	95	260	22	27	130	315	90	32	175	58	M16	R1/8	M20	9.8
65	SN615	160	100	290	22	27	140	345	100	35	195	65	M16	R1/8	M20	12
70	SN616	170	112	290	22	27	145	345	100	35	212	68	M16	R1/8	M20	15
75	SN617	180	112	320	26	32	155	380	110	40	218	70	M20	R1/8	M24	17
80	S618	190	112	320	26	35	160	400	110	33	230	74	M20	R1/4	M24	21
85	S619	200	125	350	26	35	170	420	120	36	245	77	M20	R1/4	M24	24
90	S620	215	140	350	26	35	175	420	120	38	280	83	M20	R1/4	M24	29
100	S622	240	150	390	28	38	190	460	130	40	300	90	M24	R1/4	M24	38
110	S624	260	160	450	33	42	205	540	160	50	325	96	M24	R1/4	M30	47
115	S626	280	170	470	33	42	215	560	160	50	350	103	M24	R1/4	M30	54
125	S628	300	180	520	35	45	235	630	170	55	375	112	M30	R1/4	M30	70
135	S630	320	190	560	35	45	245	680	180	55	395	118	M30	R1/4	M30	75
140	S632	340	200	580	42	52	255	710	190	60	415	124	M30	R1/4	M36	80

Plummer Blocks



Shaft penetration type

Shaft end type

Applied part								Reference dimension mm	Rubber seal number	End cover number	Shaft dia. mm
Combination of self-aligning ball bearings	Adapter number	Stabilizing ring Number 1)	Quantity	Combination of spherical roller bearings	Adapter number	Stabilizing ring Number 1)	Quantity				
1306SK	H306X	SR72×9	2					19	ZF6	MF6	25
2306SK	H2306X	SR72×10	1					23			
1307SK	H307X	SR80×10	2					21	ZF7	MF7	30
2307SK	H2307X	SR80×10	1					26			
1308SK	H308X	SR90×10	2	21308CK	H308X	SR90×10	2	23	ZF8	MF8	35
2308SK	H2308X	SR90×10	1	22308EAKD1	H2308X	SR90×10	1	28			
1309SK	H309X	SR100×10.5	2	21309CK	H309X	SR100×10.5	2	25	ZF9	MF9	40
2309SK	H2309X	SR100×10	1	22309EAKD1	H2309X	SR100×10	1	31			
1310SK	H310X	SR110×11.5	2	21310CK	H310X	SR110×11.5	2	27	ZF10	MF10	45
2310SK	H2310X	SR110×10	1	22310EAKD1	H2310X	SR110×10	1	34			
1311SK	H311X	SR120×12	2	21311K	H311X	SR120×12	2	29	ZF11	MF11	50
2311SK	H2311X	SR120×10	1	22311EAKD1	H2311X	SR120×10	1	36			
1312SK	H312X	SR130×12.5	2	21312K	H312X	SR130×12.5	2	31	ZF12	MF12	55
2312SK	H2312X	SR130×10	1	22312EAKD1	H2312X	SR130×10	1	39			
1313SK	H313X	SR140×12.5	2	21313K	H313X	SR140×12.5	2	33	ZF13	MF13	60
2313SK	H2313X	SR140×10	1	22313EAKD1	H2313X	SR140×10	1	40			
1315SK	H315X	SR160×14	2	21315K	H315X	SR160×14	2	36	ZF15	MF15	65
2315SK	H2315X	SR160×10	1	22315EAKD1	H2315X	SR160×10	1	45			
1316SK	H316X	SR170×14.5	2	21316K	H316X	SR170×14.5	2	39	ZF16	MF16	70
2316SK	H2316X	SR170×10	1	22316EAKD1	H2316X	SR170×10	1	48			
1317SK	H317X	SR180×14.5	2	21317K	H317X	SR180×14.5	2	41	ZF17	MF17	75
2317SK	H2317X	SR180×10	1	22317EAKD1	H2317X	SR180×10	1	50			
1318SK	H318X	SR190×15.3	2	21318K	H318X	SR190×15.3	2	42	ZF18	MF18	80
2318SK	H2318X	SR190×9.5	1	22318EAKD1	H2318X	SR190×9.5	1	52			
1319SK	H319X	SR200×15.8	2	21319K	H319X	SR200×15.8	2	44	ZF19	MF19	85
2319SK	H2319X	SR200×9.5	1	22319EAKD1	H2319X	SR200×9.5	1	55			
1320SK	H320X	SR215×17.8	2	21320K	H320X	SR215×17.8	2	46	ZF20	MF20	90
2320SK	H2320X	SR215×9.5	1	22320EAKD1	H2320X	SR215×9.5	1	59			
1322SK	H322X	SR240×19.8	2	21322K	H322X	SR240×19.8	2	48	ZF22	MF22	100
2322SK	H2322X	SR240×9.5	1	22322EAKD1	H2322X	SR240×9.5	1	63			
-	-	-	-	22324EAKD1	H2324X	SR260×9.5	1	67	ZF24	MF24	110
-	-	-	-	22326EAKD1	H2326	SR280×9.5	1	72	ZF26	MF26	115
-	-	-	-	22328EAKD1	H2328	SR300×9.5	1	77	ZF28	MF28	125
-	-	-	-	22330EMKD1	H2330	SR320×9.5	1	82	ZF30	MF30	135
-	-	-	-	22332EMKD1	H2332	SR340×9.5	1	88	ZF32	MF32	140

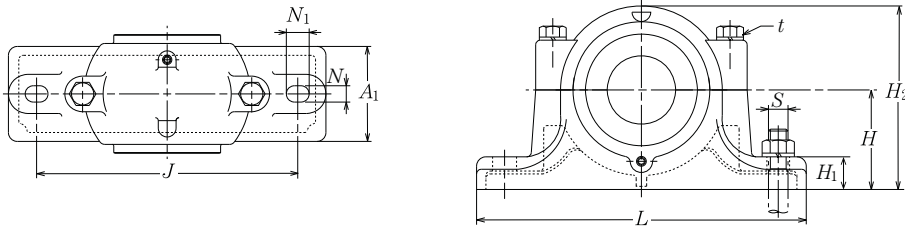
1) The stabilizing ring indicates the outer diameter and width dimension. 2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape. Note: 1. S618 or larger plummer blocks are provided with a lifting eye bolt.

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.

Plummer Blocks

WBW

Plummer block series SN3 / S3
(large bore type / for cylindrical bore bearings)



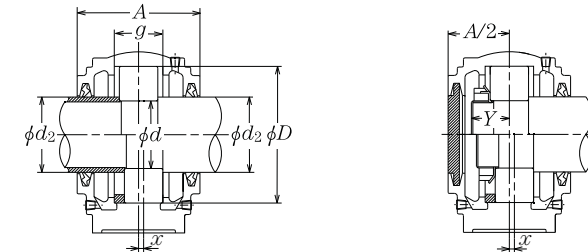
d 30 ~ 160mm

Shaft diameter mm		Plummer block number	Dimensions mm											Oil filler / drain plug size	Reference dimension S' Nominal dimension (approx)	Mass kg	
d	d ₂		D	H	J	N	N ₁	A	L	A ₁	H ₁	H ₂	g				t Nominal no.
30	35	SN306	72	50	150	15	20	82	185	52	22	95	37	M10	R1/8	M12	1.8
30	40	SN306X	72	50	150	15	20	82	185	52	22	95	37	M10	R1/8	M12	1.8
35	45	SN307	80	60	170	15	20	90	205	60	25	110	41	M10	R1/8	M12	2.6
40	50	SN308	90	60	170	15	20	95	205	60	25	115	43	M10	R1/8	M12	2.9
45	55	SN309	100	70	210	18	23	105	255	70	28	130	46	M12	R1/8	M16	4.1
50	60	SN310	110	70	210	18	23	115	255	70	30	135	50	M12	R1/8	M16	4.7
55	65	SN311	120	80	230	18	23	120	275	80	30	150	53	M12	R1/8	M16	5.8
60	70	SN312	130	80	230	18	23	125	280	80	30	155	56	M12	R1/8	M16	6.5
65	75	SN313	140	95	260	22	27	130	315	90	32	175	58	M16	R1/8	M20	8.7
70	80	SN314	150	95	260	22	27	130	320	90	32	185	61	M16	R1/8	M20	10
75	85	SN315	160	100	290	22	27	140	345	100	35	195	65	M16	R1/8	M20	11
80	90	SN316	170	112	290	22	27	145	345	100	35	212	68	M16	R1/8	M20	13
85	95	SN317	180	112	320	26	32	155	380	110	40	218	70	M20	R1/8	M24	15
85	100	SN317X	180	112	320	26	32	155	380	110	40	218	70	M20	R1/8	M24	15
90	100	S318	190	112	320	26	35	160	400	110	33	230	74	M20	R1/4	M24	22
90	105	S318X	190	112	320	26	35	160	400	110	33	230	74	M20	R1/4	M24	22
95	110	S319	200	125	350	26	35	170	420	120	36	245	77	M20	R1/4	M24	26
100	115	S320	215	140	350	26	35	175	420	120	38	280	83	M20	R1/4	M24	32
110	125	S322	240	150	390	28	38	190	460	130	40	300	90	M24	R1/4	M24	42
120	135	S324	260	160	450	33	42	205	540	160	50	325	96	M24	R1/4	M30	61
130	150	S326	280	170	470	33	42	215	560	160	50	350	103	M24	R1/4	M30	68
140	160	S328	300	180	520	35	45	235	630	170	55	375	112	M30	R1/4	M30	95
150	170	S330	320	190	560	35	45	245	680	180	55	395	118	M30	R1/4	M30	110
160	180	S332	340	200	580	42	52	255	710	190	60	415	124	M30	R1/4	M36	130

1) The stabilizing ring indicates the outer diameter and width dimension. 2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape. Note: 1. S318 or larger plummer blocks are provided with a lifting eye bolt.

Plummer Blocks

WBW



Shaft penetration type

Shaft end type

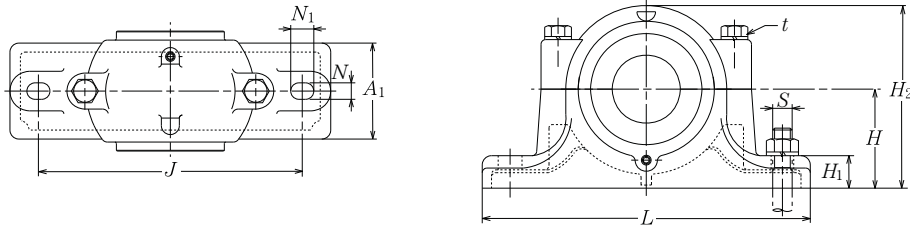
Combination of self-aligning ball bearings Bearing number	Applied part		Reference dimension mm Y ²⁾	Rubber seal number	End cover number	Shaft dia. mm d
	Stabilizing ring Number ¹⁾	Quantity				
1306S	SR72×9	2	19			
2306S	SR72×10	1	23	ZF8	MF8	30
1306S	SR72×9	2	19			
2306S	SR72×10	1	23	ZF9	MF9	30
1307S	SR80×10	2	21			
2307S	SR80×10	1	26	ZF10	MF10	35
1308S	SR90×10	2	23			
2308S	SR90×10	1	28	ZF11	MF11	40
1309S	SR100×10.5	2	25			
2309S	SR100×10	1	31	ZF12	MF12	45
1310S	SR110×11.5	2	27			
2310S	SR110×10	1	34	ZF13	MF13	50
1311S	SR120×12	2	29			
2311S	SR120×10	1	36	ZF15	MF15	55
1312S	SR130×12.5	2	31			
2312S	SR130×10	1	39	ZF16	MF16	60
1313S	SR140×12.5	2	33			
2313S	SR140×10	1	40	ZF17	MF17	65
1314S	SR150×13	2	34			
2314S	SR150×10	1	42	ZF18	MF18	70
1315S	SR160×14	2	36			
2315S	SR160×10	1	45	ZF19	MF19	75
1316S	SR170×14.5	2	39			
2316S	SR170×10	1	48	ZF20	MF20	80
1317S	SR180×14.5	2	41			
2317S	SR180×10	1	50	ZF21	MF21	85
1317S	SR180×14.5	2	41			
2317S	SR180×10	1	50	ZF22	MF22	85
1318S	SR190×15.3	2	42			
2318S	SR190×9.5	1	52	ZF22	MF22	90
1318S	SR190×15.3	2	42			
2318S	SR190×9.5	1	52	ZF23	MF23	90
1319S	SR200×15.8	2	44			
2319S	SR200×9.5	1	55	ZF24	MF24	95
1320S	SR215×17.8	2	46			
2320S	SR215×9.5	1	59	ZF26	MF26	100
1322S	SR240×19.8	2	48			
2322S	SR240×9.5	1	63	ZF28	MF28	110
-	-	-	67	ZF30	MF30	120
-	-	-	72	ZF34	MF34	130
-	-	-	77	ZF36	MF36	140
-	-	-	82	ZF38	MF38	150
-	-	-	88	ZF40	MF40	160

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.

Plummer Blocks



Plummer block series SNZ3 / SZ3
(stepped bore type / for cylindrical bore bearings)

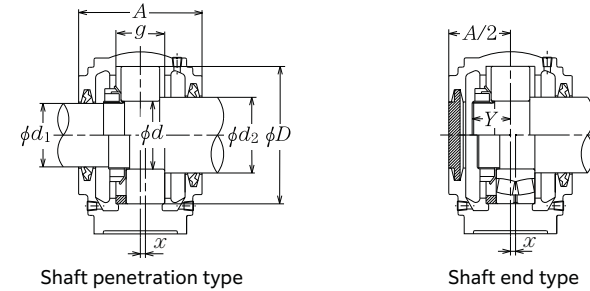


d 30 ~ 160mm

d	Shaft diameter mm		Plummer block number	Dimensions mm										t Nominal no.	Oil filler / drain plug size	Reference dimension S Nominal dimension	Mass kg (approx.)	
	d ₁	d ₂		D	H	J	N	N ₁	A	L	A ₁	H ₁	H ₂					g
30	25	35	SNZ306	72	50	150	15	20	82	185	52	22	95	37	M10	R1/8	M12	2.1
30	25	40	SNZ306X	72	50	150	15	20	82	185	52	22	95	37	M10	R1/8	M12	2.1
35	30	45	SNZ307	80	60	170	15	20	90	205	60	25	110	41	M10	R1/8	M12	3.1
40	35	50	SNZ308	90	60	170	15	20	95	205	60	25	115	43	M10	R1/8	M12	3.5
45	40	55	SNZ309	100	70	210	18	23	105	255	70	28	130	46	M12	R1/8	M16	4.8
50	45	60	SNZ310	110	70	210	18	23	115	255	70	30	135	50	M12	R1/8	M16	5.6
55	50	65	SNZ311	120	80	230	18	23	120	275	80	30	150	53	M12	R1/8	M16	6.6
60	55	70	SNZ312	130	80	230	18	23	125	280	80	30	155	56	M12	R1/8	M16	7.9
65	60	75	SNZ313	140	95	260	22	27	130	315	90	32	175	58	M16	R1/8	M20	11
70	60	80	SNZ314	150	95	260	22	27	130	320	90	32	185	61	M16	R1/8	M20	12
75	65	85	SNZ315	160	100	290	22	27	140	345	100	35	195	65	M16	R1/8	M20	13
80	70	90	SNZ316	170	112	290	22	27	145	345	100	35	212	68	M16	R1/8	M20	16
85	75	95	SNZ317	180	112	320	26	32	155	380	110	40	218	70	M20	R1/8	M24	18
85	75	100	SNZ317X	180	112	320	26	32	155	380	110	40	218	70	M20	R1/8	M24	18
90	80	100	SZ318	190	112	320	26	35	160	400	110	33	230	74	M20	R1/4	M24	21
90	80	105	SZ318X	190	112	320	26	35	160	400	110	33	230	74	M20	R1/4	M24	21
95	85	110	SZ319	200	125	350	26	35	170	420	120	36	245	77	M20	R1/4	M24	23
100	90	115	SZ320	215	140	350	26	35	175	420	120	38	280	83	M20	R1/4	M24	32
110	100	125	SZ322	240	150	390	28	38	190	460	130	40	300	90	M24	R1/4	M24	42
120	110	135	SZ324	260	160	450	33	42	205	540	160	50	325	96	M24	R1/4	M30	61
130	115	150	SZ326	280	170	470	33	42	215	560	160	50	350	103	M24	R1/4	M30	68
140	125	160	SZ328	300	180	520	35	45	235	630	170	55	375	112	M30	R1/4	M30	95
150	135	170	SZ330	320	190	560	35	45	245	680	180	55	395	118	M30	R1/4	M30	110
160	140	180	SZ332	340	200	580	42	52	255	710	190	60	415	124	M30	R1/4	M36	130

1) The stabilizing ring indicates the outer diameter and width dimension. 2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape. Note: 1. SZ318 or larger plummer blocks are provided with a lifting eye bolt.

Plummer Blocks



Shaft penetration type

Shaft end type

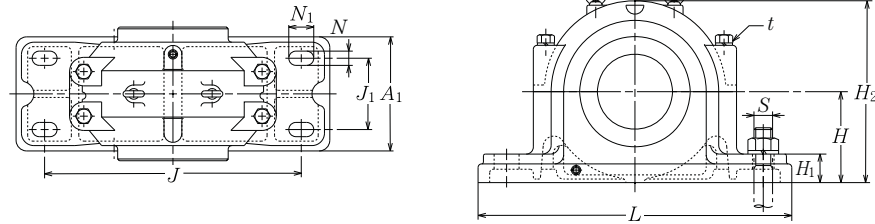
Combination of self-aligning ball bearings Bearing number	Applied part		Nut number	Washer number	Reference dimension mm Y ²⁾	Rubber seal number d ₁ side d ₂ side	End cover number	Shaft dia. mm d					
	Stabilizing ring Number ¹⁾	Quantity							Combination of spherical roller bearings Bearing number	Stabilizing ring Number ¹⁾	Quantity		
1306S	SR72×9	2	-	-	-	AN06	AW06X	19	23	ZF6	ZF8	MF6	30
2306S	SR72×10	1	-	-	-	-	-	-	-	-	-	-	-
1306S	SR72×9	2	-	-	-	AN06	AW06X	19	23	ZF6	ZF9	MF6	30
2306S	SR72×10	1	-	-	-	-	-	-	-	-	-	-	-
1307S	SR80×10	2	-	-	-	AN07	AW07X	21	26	ZF7	ZF10	MF7	35
2307S	SR80×10	1	-	-	-	-	-	-	-	-	-	-	-
1308S	SR90×10	2	21308C	SR90×10	2	AN08	AW08X	23	28	ZF8	ZF11	MF8	40
2308S	SR90×10	1	22308EAD1	SR90×10	1	-	-	-	-	-	-	-	-
1309S	SR100×10.5	2	21309C	SR100×10.5	2	AN09	AW09X	25	31	ZF9	ZF12	MF9	45
2309S	SR100×10	1	22309EAD1	SR100×10	1	-	-	-	-	-	-	-	-
1310S	SR110×11.5	2	21310C	SR110×11.5	2	AN10	AW10X	27	34	ZF10	ZF13	MF10	50
2310S	SR110×10	1	22310EAD1	SR110×10	1	-	-	-	-	-	-	-	-
1311S	SR120×12	2	21311	SR120×12	2	AN11	AW11X	29	36	ZF11	ZF15	MF11	55
2311S	SR120×10	1	22311EAD1	SR120×10	1	-	-	-	-	-	-	-	-
1312S	SR130×12.5	2	21312	SR130×12.5	2	AN12	AW12X	31	39	ZF12	ZF16	MF12	60
2312S	SR130×10	1	22312EAD1	SR130×10	1	-	-	-	-	-	-	-	-
1313S	SR140×12.5	2	21313	SR140×12.5	2	AN13	AW13X	33	40	ZF13	ZF17	MF13	65
2313S	SR140×10	1	22313EAD1	SR140×10	1	-	-	-	-	-	-	-	-
1314S	SR150×13	2	21314	SR150×13	2	AN14	AW14X	34	42	ZF13	ZF18	MF13	70
2314S	SR150×10	1	22314EAD1	SR150×10	1	-	-	-	-	-	-	-	-
1315S	SR160×14	2	21315	SR160×14	2	AN15	AW15X	36	45	ZF15	ZF19	MF15	75
2315S	SR160×10	1	22315EAD1	SR160×10	1	-	-	-	-	-	-	-	-
1316S	SR170×14.5	2	21316	SR170×14.5	2	AN16	AW16X	39	48	ZF16	ZF20	MF16	80
2316S	SR170×10	1	22316EAD1	SR170×10	1	-	-	-	-	-	-	-	-
1317S	SR180×14.5	2	21317	SR180×14.5	2	AN17	AW17X	41	50	ZF17	ZF21	MF17	85
2317S	SR180×10	1	22317EAD1	SR180×10	1	-	-	-	-	-	-	-	-
1317S	SR180×14.5	2	21317	SR180×14.5	2	AN17	AW17X	41	50	ZF17	ZF22	MF17	85
2317S	SR180×10	1	22317EAD1	SR180×10	1	-	-	-	-	-	-	-	-
1318S	SR190×15.3	2	21318	SR190×15.3	2	AN18	AW18X	42	52	ZF18	ZF22	MF18	90
2318S	SR190×9.5	1	22318EAD1	SR190×9.5	1	-	-	-	-	-	-	-	-
1318S	SR190×15.3	2	21318	SR190×15.3	2	AN18	AW18X	42	52	ZF18	ZF23	MF18	90
2318S	SR190×9.5	1	22318EAD1	SR190×9.5	1	-	-	-	-	-	-	-	-
1319S	SR200×15.8	2	21319	SR200×15.8	2	AN19	AW19X	44	55	ZF19	ZF24	MF19	95
2319S	SR200×9.5	1	22319EAD1	SR200×9.5	1	-	-	-	-	-	-	-	-
1320S	SR215×17.8	2	21320	SR215×17.8	2	AN20	AW20X	46	59	ZF20	ZF26	MF20	100
2320S	SR215×9.5	1	22320EAD1	SR215×9.5	1	-	-	-	-	-	-	-	-
1322S	SR240×19.8	2	21322	SR240×19.8	2	AN22	AW22X	48	63	ZF22	ZF28	MF22	110
2322S	SR240×9.5	1	22322EAD1	SR240×9.5	1	-	-	-	-	-	-	-	-
-	-	-	22324EAD1	SR260×9.5	1	AN24	AW24X	67	72	ZF24	ZF30	MF24	120
-	-	-	22326EAD1	SR280×9.5	1	AN26	AW26	72	77	ZF26	ZF34	MF26	130
-	-	-	22328EAD1	SR300×9.5	1	AN28	AW28	77	82	ZF28	ZF36	MF28	140
-	-	-	22330EMD1	SR320×9.5	1	AN30	AW30	82	88	ZF30	ZF38	MF30	150
-	-	-	22332EMD1	SR340×9.5	1	AN32	AW32	88	95	ZF32	ZF40	MF32	160

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.

Plummer Blocks

WBW

Plummer block series SD5 / SD5G / SD6 / SD6G
(for heavy loads, double seal type / for bearings with adapters)

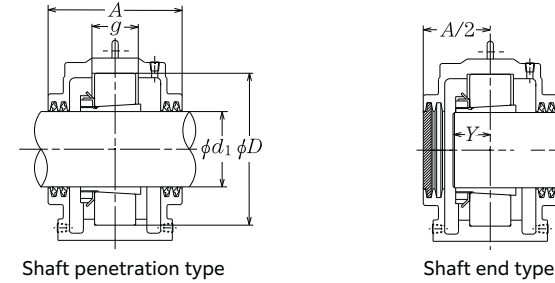


d_1 150 ~ 300mm

Shaft dia. mm	Plummer block number		Dimensions													t Nominal no.
	Floating side	Fixed side	D	H	J	J_1	N	N_1	A	L	A_1	H_1	H_2	$g^{1)}$		
150	SD534	SD534G	310	180	510	140	32	52	270	620	230	60	360	96	M24	
160	SD536	SD536G	320	190	540	150	32	52	280	650	240	60	380	96	M24	
170	SD538	SD538G	340	200	570	160	35	55	290	700	260	65	400	102	M30	
180	SD540	SD540G	360	210	610	170	35	55	300	740	270	65	420	108	M30	
200	SD544	SD544G	400	240	680	190	40	60	330	820	300	70	475	118	M30	
220	SD548	SD548G	440	260	740	200	42	62	340	880	310	85	515	130	M36	
240	SD552	SD552G	480	280	790	210	42	62	370	940	340	85	560	140	M36	
260	SD556	SD556G	500	300	830	230	50	70	390	990	370	100	590	140	M36	
280	SD560	SD560G	540	325	890	250	50	70	410	1 060	390	100	640	150	M36	
300	SD564	SD564G	580	355	930	270	57	77	440	1 110	420	110	690	160	M42	
150	SD634	SD634G	360	210	610	170	35	55	300	740	270	65	420	130	M30	
160	SD636	SD636G	380	225	640	180	40	60	320	780	290	70	450	136	M30	
170	SD638	SD638G	400	240	680	190	40	60	330	820	300	70	475	142	M30	
180	SD640	SD640G	420	250	710	200	42	62	350	860	320	85	500	148	M36	
200	SD644	SD644G	460	280	770	210	42	62	360	920	330	85	550	155	M36	
220	SD648	SD648G	500	300	830	230	50	70	390	990	370	100	590	165	M36	
240	SD652	SD652G	540	325	890	250	50	70	410	1 060	390	100	640	175	M36	
260	SD656	SD656G	580	355	930	270	57	77	440	1 110	420	110	690	185	M42	

Plummer Blocks

WBW



Oil filler / drain plug size	Reference dimension S Nominal dimension	Mass kg (approx.)	Applied part Combination of spherical roller bearings Bearing number	Adapter number	Reference dimension mm $Y^{2)}$	Rubber seal number	End cover number	Shaft dia. mm d_1
R3/8	M30	95	22234EMKD1	H3134	75	ZF34	MF34	150
R3/8	M30	110	22236EMKD1	H3136	76	ZF36	MF36	160
R3/8	M30	130	22238EMKD1	H3138	80	ZF38	MF38	170
R3/8	M30	150	22240EMKD1	H3140	84	ZF40	MF40	180
R3/8	M36	210	22244EMKD1	H3144	90	ZF44	MF44	200
R3/8	M36	240	22248EMKD1	H3148	98	ZF48	MF48	220
R3/8	M36	320	22252EMKD1	H3152	105	ZF52	MF52	240
R3/8	M42	370	22256EMKD1	H3156	107	ZF56	MF56	260
R3/8	M42	460	22260EMKD1	H3160	114	ZF60	MF60	280
R3/8	M48	560	22264EMKD1	H3164	122	ZF64	MF64	300
R3/8	M30	150	22334EMKD1	H2334	92	ZF34	MF34	150
R3/8	M36	180	22336EMKD1	H2336	96	ZF36	MF36	160
R3/8	M36	210	22338EMKD1	H2338	100	ZF38	MF38	170
R3/8	M36	240	22340EMKD1	H2340	104	ZF40	MF40	180
R3/8	M36	300	22344EMKD1	H2344	109	ZF44	MF44	200
R3/8	M42	370	22348EMKD1	H2348	116	ZF48	MF48	220
R3/8	M42	460	22352EMKD1	H2352	123	ZF52	MF52	240
R3/8	M48	560	22356EMKD1	H2356	130	ZF56	MF56	260

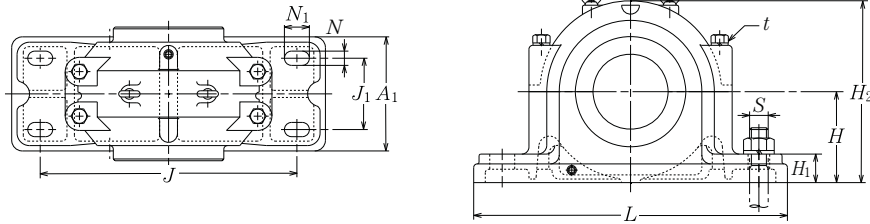
1) Dimension g indicates the bearing width dimension of the floating side. The fixed side (code G) is larger than the bearing width dimension by 0.5 mm.

2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.

Plummer Blocks

WBW

Plummer block series SD2 / SD2G / SD3 / SD3G
(for heavy loads, stepped bore type / for cylindrical bore bearings)

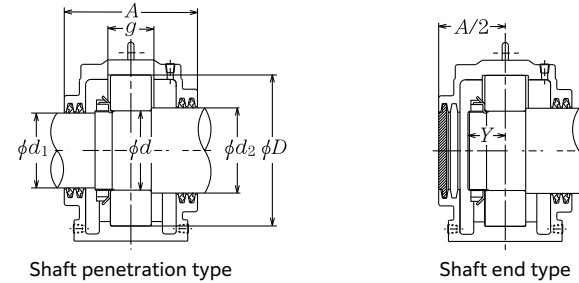


d 170 ~ 320mm

d	Shaft diameter mm		Plummer block number		Dimensions mm													t Nominal no.
	d ₁	d ₂	Floating side	Fixed side	D	H	J	J ₁	N	N ₁	A	L	A ₁	H ₁	H ₂	g ¹⁾		
170	160	190	SD234	SD234G	310	180	510	140	32	52	270	620	230	60	360	96	M24	
180	170	200	SD236	SD236G	320	190	540	150	32	52	280	650	240	60	380	96	M24	
190	180	210	SD238	SD238G	340	200	570	160	35	55	290	700	260	65	400	102	M30	
200	190	220	SD240	SD240G	360	210	610	170	35	55	300	740	270	65	420	108	M30	
220	210	240	SD244	SD244G	400	240	680	190	40	60	330	820	300	70	475	118	M30	
240	230	260	SD248	SD248G	440	260	740	200	42	62	340	880	310	85	515	130	M36	
260	250	280	SD252	SD252G	480	280	790	210	42	62	370	940	340	85	560	140	M36	
280	260	300	SD256	SD256G	500	300	830	230	50	70	390	990	370	100	590	140	M36	
300	280	320	SD260	SD260G	540	325	890	250	50	70	410	1 060	390	100	640	150	M36	
320	300	340	SD264	SD264G	580	355	930	270	57	77	440	1 110	420	110	690	160	M42	
170	160	190	SD334	SD334G	360	210	610	170	35	55	300	740	270	65	420	130	M30	
180	170	200	SD336	SD336G	380	225	640	180	40	60	320	780	290	70	450	136	M30	
190	180	210	SD338	SD338G	400	240	680	190	40	60	330	820	300	70	475	142	M30	
200	190	220	SD340	SD340G	420	250	710	200	42	62	350	860	320	85	500	148	M36	
220	210	240	SD344	SD344G	460	280	770	210	42	62	360	920	330	85	550	155	M36	
240	230	260	SD348	SD348G	500	300	830	230	50	70	390	990	370	100	590	165	M36	
260	250	280	SD352	SD352G	540	325	890	250	50	70	410	1 060	390	100	640	175	M36	
280	260	300	SD356	SD356G	580	355	930	270	57	77	440	1 110	420	110	690	185	M42	

Plummer Blocks

WBW



Shaft penetration type

Shaft end type

Oil filler / drain plug size	Reference dimension S Nominal dimension	Mass kg (approx.)	Applied part			Reference dimension mm Y ²⁾	Rubber seal number		End cover number	Shaft dia. mm d
			Bearing number	Adapter number	Washer / lock plate number		(d ₁ side)	(d ₂ side)		
R3/8	M30	95	22234EMD1	AN34	AW34	75	ZF36	ZF42	MF36	170
R3/8	M30	110	22236EMD1	AN36	AW36	76	ZF38	ZF44	MF38	180
R3/8	M30	130	22238EMD1	AN38	AW38	80	ZF40	ZF46	MF40	190
R3/8	M30	150	22240EMD1	AN40	AW40	84	ZF42	ZF48	MF42	200
R3/8	M36	210	22244EMD1	AN44	AL44	90	ZF46	ZF52	MF46	220
R3/8	M36	240	22248EMD1	AN48	AL44	98	GS50S	ZF56	MF50	240
R3/8	M36	320	22252EMD1	AN52	AL52	105	ZF54	ZF60	MF54	260
R3/8	M42	370	22256EMD1	AN56	AL52	107	ZF56	ZF64	MF56	280
R3/8	M42	460	22260EMD1	AN60	AL60	114	ZF60	ZF68	MF60	300
R3/8	M48	560	22264EMD1	AN64	AL64	122	ZF64	GS72	MF64	320
R3/8	M30	150	22334EMD1	AN34	AW34	92	ZF36	ZF42	MF36	170
R3/8	M36	180	22336EMD1	AN36	AW36	96	ZF38	ZF44	MF38	180
R3/8	M36	210	22338EMD1	AN38	AW38	100	ZF40	ZF46	MF40	190
R3/8	M36	240	22340EMD1	AN40	AW40	104	ZF42	ZF48	MF42	200
R3/8	M36	300	22344EMD1	AN44	AL44	109	ZF46	ZF52	MF46	220
R3/8	M42	370	22348EMD1	AN48	AL44	116	GS50S	ZF56	MF50	240
R3/8	M42	460	22352EMD1	AN52	AL52	123	ZF54	ZF60	MF54	260
R3/8	M48	560	22356EMD1	AN56	AL52	130	ZF56	ZF64	MF56	280

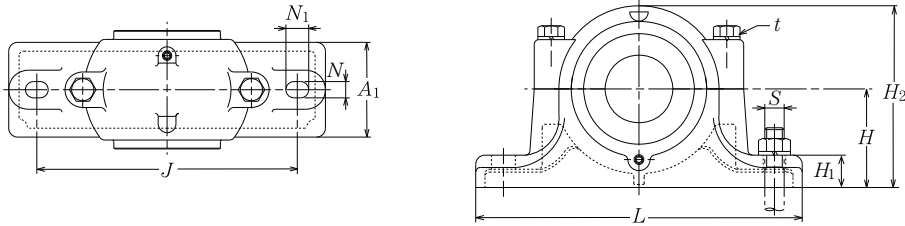
1) Dimension g indicates the bearing width dimension of the floating side. The fixed side (code G) is larger than the bearing width dimension by 0.5 mm.

2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.

Plummer Blocks



Plummer block series SN30 / SN31
(standard type / for bearings with adapter)

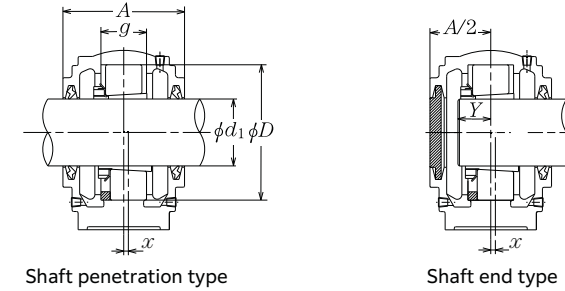


d_1 100 ~ 170mm

Shaft dia. mm	Plummer block number	Dimensions										Oil filler / drain plug size	Reference dimension S	Mass kg		
		D	H	J	N	N ₁	A	L	A ₁	H ₁	H ₂				g	t Nominal no.
110	SN3024	180	112	320	26	32	150	380	110	40	217	56	M20	R1/4	M24	17
115	SN3026	200	125	350	26	32	160	410	120	45	240	62	M20	R1/4	M24	20
125	SN3028	210	140	350	26	32	170	410	120	45	260	63	M20	R1/4	M24	25
135	SN3030	225	150	380	28	36	175	445	130	50	283	66	M24	R1/4	M24	30
140	SN3032	240	150	390	28	36	190	460	130	50	290	70	M24	R1/4	M24	33
150	SN3034	260	160	450	33	42	200	530	160	60	310	77	M24	R1/4	M30	46
160	SN3036	280	170	470	33	42	210	550	160	60	330	84	M24	R1/4	M30	52
170	SN3038	290	170	470	33	42	210	550	160	60	335	85	M24	R1/4	M30	52
100	SN3122	180	112	320	26	32	155	380	110	40	217	66	M20	R1/4	M24	18
110	SN3124	200	125	350	26	32	165	410	120	45	240	72	M20	R1/4	M24	21
115	SN3126	210	140	350	26	32	170	410	120	45	260	74	M20	R1/4	M24	26
125	SN3128	225	150	380	28	36	180	445	130	50	283	78	M24	R1/4	M24	32
135	SN3130	250	150	420	33	42	200	500	150	50	295	90	M24	R1/4	M30	40
140	SN3132	270	160	450	33	42	215	530	160	60	315	96	M24	R1/4	M30	45
150	SN3134	280	170	470	33	42	220	550	160	60	330	98	M24	R1/4	M30	51
160	SN3136	300	180	520	33	42	230	610	170	70	355	106	M30	R1/4	M30	63
170	SN3138	320	190	560	33	42	240	650	180	70	375	114	M30	R1/4	M30	76

1) The stabilizing ring indicates the outer diameter and width dimension. 2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.
Note: 1. SN3028 or larger and SN3126 or larger plummer blocks are provided with a lifting eye bolt.

Plummer Blocks



Shaft penetration type

Shaft end type

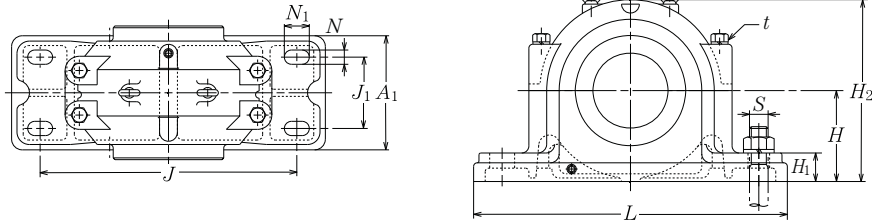
Bearing number	Applied part		Stabilizing ring Quantity	Reference dimension mm Y ²⁾	Rubber seal number	End cover number	Shaft dia. mm d ₁
	Combination of spherical roller bearings Adapter Plummer block number	Stabilizing ring Plummer block number ¹⁾					
23024EAKD1	H3024X	SR180×10	1	47	ZF24	MF24	110
23026EAKD1	H3026	SR200×10	1	51	ZF26	MF26	115
23028EAKD1	H3028	SR210×10	1	53	ZF28	MF28	125
23030EAKD1	H3030	SR225×10	1	56	ZF30	MF30	135
23032EAKD1	H3032	SR240×10	1	61	ZF32	MF32	140
23034EAKD1	H3034	SR260×10	1	66	ZF34	MF34	150
23036EAKD1	H3036	SR280×10	1	70	ZF36	MF36	160
23038EAKD1	H3038	SR290×10	1	72	ZF38	MF38	170
23122EAKD1	H3122X	SR180×10	1	51	ZF22	MF22	100
23124EAKD1	H3124X	SR200×10	1	55	ZF24	MF24	110
23126EAKD1	H3126	SR210×10	1	57	ZF26	MF26	115
23128EAKD1	H3128	SR225×10	1	60	ZF28	MF28	125
23130EAKD1	H3130	SR250×10	1	68	ZF30	MF30	135
23132EAKD1	H3132	SR270×10	1	74	ZF32	MF32	140
23134EAKD1	H3134	SR280×10	1	76	ZF34	MF34	150
23136EAKD1	H3136	SR300×10	1	81	ZF36	MF36	160
23138EMKD1	H3138	SR320×10	1	86	ZF38	MF38	170

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.

Plummer Blocks

WBW

Plummer block series SD30/SD30G
(for heavy loads, double seal type / for bearings with adapters)

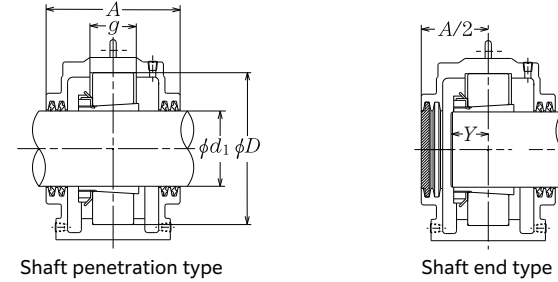


d_1 150 ~ 400mm

Shaft dia. mm	Plummer block number ¹⁾		Dimensions													t Nominal no.
	Floating side	Fixed side	mm													
d_1			D	H	J	J_1	N	N_1	A	L	A_1	H_1	H_2	$g^2)$		
150	SD3034	SD3034G	260	160	450	110	32	42	230	540	200	50	320	77	M24	
160	SD3036	SD3036G	280	170	470	120	32	42	250	560	220	50	340	84	M24	
170	SD3038	SD3038G	290	170	470	120	32	42	250	560	220	50	345	85	M24	
180	SD3040	SD3040G	310	180	510	140	32	52	270	620	250	60	360	92	M24	
200	SD3044	SD3044G	340	200	570	160	35	55	290	700	280	65	400	100	M30	
220	SD3048	SD3048G	360	210	610	170	35	55	300	740	290	65	420	102	M30	
240	SD3052	SD3052G	400	240	680	190	40	60	340	820	320	70	475	114	M30	
260	SD3056	SD3056G	420	250	710	200	42	62	350	860	340	85	500	116	M36	
280	SD3060	SD3060G	460	280	770	210	42	62	360	920	350	85	550	128	M36	
300	SD3064	SD3064G	480	280	790	210	42	62	380	940	360	85	560	131	M36	
380	SD3080	SD3080G	600	365	960	270	57	77	430	1140	420	120	710	158	M42	
400	SD3084	SD3084G	620	375	980	270	57	77	430	1160	420	120	735	160	M42	

Plummer Blocks

WBW



Oil filler / drain plug size	Reference dimension S Nominal dimension	Mass kg (approx.)	Applied part Combination of spherical roller bearings Bearing number	Adapter number	Reference dimension mm $Y^3)$	Rubber seal number	End cover number	Shaft dia. mm d_1
R3/8	M30	70	23034EAKD1	H3034	66	ZF34	MF34	150
R3/8	M30	80	23036EAKD1	H3036	70	ZF36	MF36	160
R3/8	M30	85	23038EAKD1	H3038	72	ZF38	MF38	170
R3/8	M30	100	23040EMKD1	H3040	76	ZF40	MF40	180
R3/8	M30	130	23044EMKD1	H3044	79	ZF44	MF44	200
R3/8	M30	150	23048EMKD1	H3048	84	ZF48	MF48	220
R3/8	M36	210	23052EMKD1	H3052	90	ZF52	MF52	240
R3/8	M36	240	23056EMKD1	H3056	95	ZF56	MF56	260
R3/8	M36	300	23060EMKD1	H3060	105	ZF60	MF60	280
R3/8	M36	320	23064EMKD1	H3064	108	ZF64	MF64	300
R3/8	M48	620	23080BK	H3080	131	GS80	MF80	380
R3/8	M48	690	23084BK	H3084	132	GS84	MF84	400

1) SD3068, SD3072, and SD3076 have the same dimensions as SD3368, SD3372, and SD3376. Therefore, when these models are necessary, select "SD3368, SD3372, and SD3376."

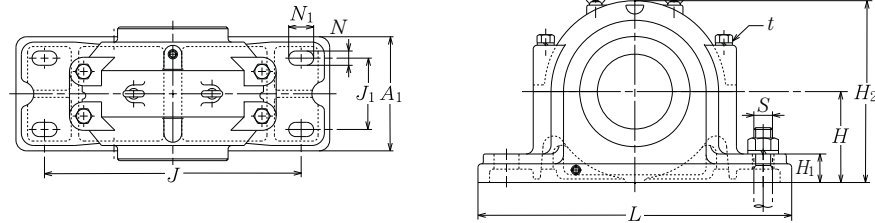
2) Dimension g indicates the bearing width dimension of the floating side. The fixed side (code G) is larger than the bearing width dimension by 0.5 mm.

3) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.

Plummer Blocks

WBW

Plummer block series SD31/SD31G
(for heavy loads, double seal type / for bearings with adapters)

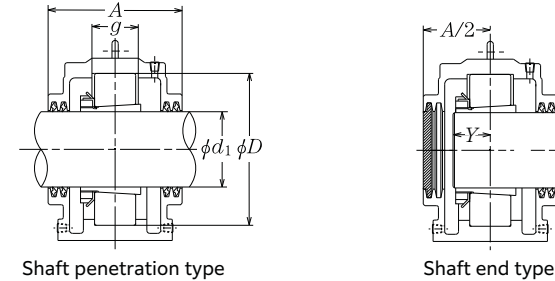


d_1 150 ~ 400mm

Shaft dia. mm	Plummer block number ¹⁾		Dimensions													t Nominal no.
	Floating side	Fixed side	D	H	J	J_1	N	N_1	A	L	A_1	H_1	H_2	$g^{2)}$		
150	SD3134	SD3134G	280	170	470	120	35	42	250	560	220	50	340	98	M24	
160	SD3136	SD3136G	300	180	520	140	35	52	270	630	250	55	365	106	M30	
170	SD3138	SD3138G	320	190	560	140	35	55	310	680	270	55	385	114	M30	
180	SD3140	SD3140G	340	200	570	160	35	55	310	700	280	65	400	122	M30	
200	SD3144	SD3144G	370	225	640	180	40	60	320	780	310	70	450	130	M30	
220	SD3148	SD3148G	400	240	680	190	40	60	330	820	320	70	475	138	M30	
240	SD3152	SD3152G	440	260	740	200	42	62	360	880	350	85	515	154	M36	
260	SD3156	SD3156G	460	280	770	210	42	62	360	920	350	85	550	156	M36	
280	SD3160	SD3160G	500	300	830	230	50	70	390	990	380	100	590	170	M36	
300	SD3164	SD3164G	540	325	890	250	50	70	430	1 060	400	100	640	186	M36	
340	SD3172	SD3172G	600	365	960	310	57	77	470	1 140	460	120	710	202	M42	
360	SD3176	SD3176G	620	375	980	320	57	77	500	1 160	490	120	735	204	M42	
380	SD3180	SD3180G	650	390	1 040	340	57	77	520	1 220	510	125	770	210	M42	
400	SD3184	SD3184G	700	420	1 070	380	57	77	560	1 250	550	135	820	234	M42	

Plummer Blocks

WBW



Shaft penetration type

Shaft end type

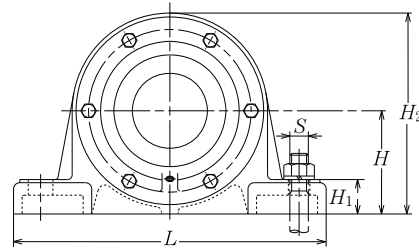
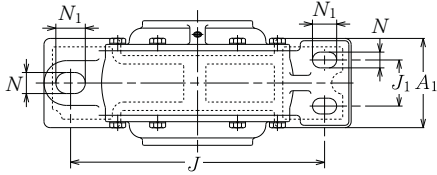
Oil filler / drain plug size	Reference dimension S Nominal dimension	Mass kg (approx.)	Applied part Combination of spherical roller bearings Bearing number	Adapter number	Reference dimension mm $Y^{3)}$	Rubber seal number	End cover number	Shaft dia. mm d_1
R3/8	M30	75	23134EAD1	H3134	76	ZF34	MF34	150
R3/8	M30	94	23136EAKD1	H3136	81	ZF36	MF36	160
R3/8	M30	110	23138EMKD1	H3138	86	ZF38	MF38	170
R3/8	M30	130	23140EMKD1	H3140	91	ZF40	MF40	180
R3/8	M36	180	23144EMKD1	H3144	96	ZF44	MF44	200
R3/8	M36	210	23148EMKD1	H3148	102	ZF48	MF48	220
R3/8	M36	240	23152EMKD1	H3152	112	ZF52	MF52	240
R3/8	M36	310	23156EMKD1	H3156	115	ZF56	MF56	260
R3/8	M42	400	23160EMKD1	H3160	124	ZF60	MF60	280
R3/8	M42	480	23164EMKD1	H3164	135	ZF64	MF64	300
R3/8	M48	630	23172BK	H3172	159	GS72	MF72	340
R3/8	M48	850	23176BK	H3176	162	GS76	MF76	360
R3/8	M48	960	23180BK	H3180	167	GS80	MF80	380
R3/8	M48	1 080	23184BK	H3184	187	GS84	MF84	400

1) SD3168 has the same dimensions as SD3468. Therefore, when this model is necessary, select "SD3468."
2) Dimension g indicates the bearing width dimension of the floating side. The fixed side (code G) is larger than the bearing width dimension by 0.5 mm.
3) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.

Plummer Blocks

WBW

Plummer block series SV5
(unit standard type / for bearings with adapter assembly)



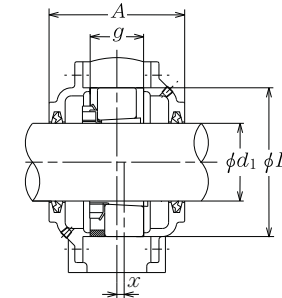
d₁ 20 ~ 135mm

Shaft dia. mm	Plummer block number	Dimensions											Oil filler / drain plug size	Reference dimension S	Mass kg			
		mm																
d ₁		D	H	J	J ₁	N	N ₁	L	A	A ₁	g	A ₃	H ₁	H ₂	Nominal dimension	Quantity	(approx.)	
20	SV505	52	45	130	-	16	20	165	73	46	27	31	22	85	R1/8	M14	2	2.1
25	SV506	62	50	150	-	16	20	185	80	52	30	34	22	95	R1/8	M14	2	2.7
30	SV507	72	56	150	-	16	20	185	85	52	33	37.5	22	106	R1/8	M14	2	3.3
35	SV508	80	60	170	-	16	20	205	95	60	37	40.5	25	118	R1/8	M14	2	4.5
40	SV509	85	63	170	-	16	23	205	98	60	39	42.5	25	125	R1/8	M14	2	4.5
45	SV510	90	67	170	-	16	23	205	100	60	39	42.5	25	128	R1/8	M14	2	4.8
50	SV511	100	71	210	-	16	23	255	106	70	42	47	28	140	R1/8	M14	2	5.8
55	SV512	110	80	210	-	21	25	255	112	70	46	47	30	155	R1/8	M18	2	6.8
60	SV513	120	85	230	-	21	25	275	118	80	49	50	30	165	R1/8	M18	2	9.5
65	SV515	130	90	230	-	21	25	280	118	80	50	50	30	175	R1/8	M18	2	10
70	SV516	140	100	260	-	25	30	315	136	90	56	58	32	195	R1/8	M22	2	14
75	SV517	150	100	260	-	25	30	315	140	90	56	60	32	195	R1/8	M22	2	15
80	SV518	160	112	290	-	25	30	345	150	100	62	65	35	224	R1/8	M22	2	20
85	SV519	170	112	290	-	25	30	345	165	100	62	72.5	35	224	R1/8	M22	2	20
90	SV520	180	125	320	56	23	32	380	170	110	70	75	40	243	R1/8	M20	4	26
100	SV522	200	132	350	60	23	32	410	190	120	82	82	45	265	R1/4	M20	4	30
110	SV524	215	140	350	60	23	32	410	190	120	82	82	45	280	R1/4	M20	4	36
115	SV526	230	150	380	65	23	32	450	200	130	86	87	50	300	R1/4	M20	4	45
125	SV528	250	160	420	80	23	32	500	218	150	94	96	50	315	R1/4	M20	4	53
135	SV530	270	170	450	92	29	42	540	236	160	103	105	60	335	R1/4	M24	4	63

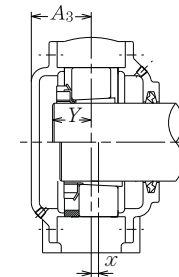
1) The stabilizing ring indicates the outer diameter and width dimension.
2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.
Note: 1. SV520 or larger plummer blocks are provided with a lifting eye bolt.
G-36

Plummer Blocks

WBW



Shaft penetration type



Shaft end type

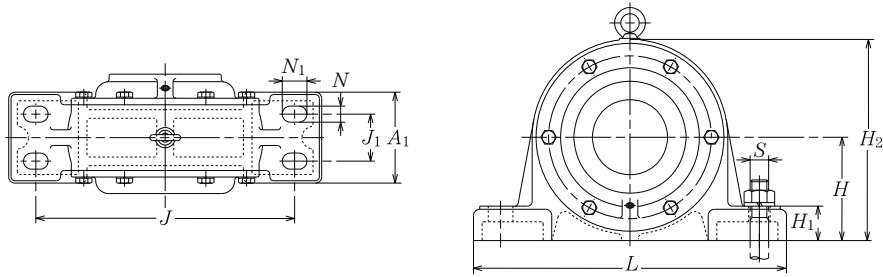
Combination of self-aligning ball bearings	Applied part		Reference dimension mm	Rubber seal number	Shaft dia. mm													
	Bearing number	Adapter number				Stabilizing ring Number ¹⁾	Quantity	Bearing number	Adapter number	Stabilizing ring Number ¹⁾	Quantity							
1205SK	H205X	SR52×6	2	-	-	-	17	-	-	-	-	-	-	-	-	-	-	-
2205SK	H305X	SR52×9	1	22205EAKD1	H305X	SR52×9	1	19	ZF5	20	-	-	-	-	-	-	-	-
1206SK	H206X	SR62×7	2	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-
2206SK	H306X	SR62×10	1	22206EAKD1	H306X	SR62×10	1	20	ZF6	25	-	-	-	-	-	-	-	-
1207SK	H207X	SR72×8	2	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-
2207SK	H307X	SR72×10	1	22207EAKD1	H307X	SR72×10	1	22	ZF7	30	-	-	-	-	-	-	-	-
1208SK	H208X	SR80×9.5	2	-	-	-	21	-	-	-	-	-	-	-	-	-	-	-
2208SK	H308X	SR80×7	2	22208EAKD1	H308X	SR80×7	2	23	ZF8	35	-	-	-	-	-	-	-	-
1209SK	H209X	SR85×10	2	-	-	-	22	-	-	-	-	-	-	-	-	-	-	-
2209SK	H309X	SR85×8	2	22209EAKD1	H309X	SR85×8	2	24	ZF9	40	-	-	-	-	-	-	-	-
1210SK	H210X	SR90×9.5	2	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-
2210SK	H310X	SR90×8	2	22210EAKD1	H310X	SR90×8	2	25	ZF10	45	-	-	-	-	-	-	-	-
1211SK	H211X	SR100×10.5	2	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-
2211SK	H311X	SR100×8.5	2	22211EAKD1	H311X	SR100×8.5	2	27	ZF11	50	-	-	-	-	-	-	-	-
1212SK	H212X	SR110×12	2	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-
2212SK	H312X	SR110×9	2	22212EAKD1	H312X	SR110×9	2	29	ZF12	55	-	-	-	-	-	-	-	-
1213SK	H213X	SR120×13	2	-	-	-	28	-	-	-	-	-	-	-	-	-	-	-
2213SK	H313X	SR120×9	2	22213EAKD1	H313X	SR120×9	2	32	ZF13	60	-	-	-	-	-	-	-	-
1215SK	H215X	SR130×12.5	2	-	-	-	30	-	-	-	-	-	-	-	-	-	-	-
2215SK	H315X	SR130×9.5	2	22215EAKD1	H315X	SR130×9.5	2	33	ZF15	65	-	-	-	-	-	-	-	-
1216SK	H216X	SR140×15	2	-	-	-	32	-	-	-	-	-	-	-	-	-	-	-
2216SK	H316X	SR140×11.5	2	22216EAKD1	H316X	SR140×11.5	2	36	ZF16	70	-	-	-	-	-	-	-	-
1217SK	H217X	SR150×14	2	-	-	-	34	-	-	-	-	-	-	-	-	-	-	-
2217SK	H317X	SR150×10	2	22217EAKD1	H317X	SR150×10	2	38	ZF17	75	-	-	-	-	-	-	-	-
1218SK	H218X	SR160×16	2	-	-	-	35	-	-	-	-	-	-	-	-	-	-	-
2218SK	H318X	SR160×11	2	22218EAKD1	H318X	SR160×11	2	40	ZF18	80	-	-	-	-	-	-	-	-
-	-	-	-	23218EMKD1	H2318X	SR160×9.6	1	46	-	-	-	-	-	-	-	-	-	-
1219SK	H219X	SR170×15	2	-	-	-	37	-	-	-	-	-	-	-	-	-	-	-
2219SK	H319X	SR170×9.5	2	22219EAKD1	H319X	SR170×9.5	2	43	ZF19	85	-	-	-	-	-	-	-	-
1220SK	H220X	SR180×18	2	-	-	-	39	-	-	-	-	-	-	-	-	-	-	-
2220SK	H320X	SR180×12	2	22220EAKD1	H320X	SR180×12	2	45	ZF20	90	-	-	-	-	-	-	-	-
-	-	-	-	23220EMKD1	H2320X	SR180×9.7	1	52	-	-	-	-	-	-	-	-	-	-
1222SK	H222X	SR200×22	2	-	-	-	42	-	-	-	-	-	-	-	-	-	-	-
2222SK	H322X	SR200×14.5	2	22222EAKD1	H322X	SR200×14.5	2	50	ZF22	100	-	-	-	-	-	-	-	-
-	-	-	-	23222EMKD1	H2322X	SR200×12.2	1	58	-	-	-	-	-	-	-	-	-	-
-	-	-	-	22224EAKD1	H3124X	SR215×12	2	53	-	-	-	-	-	-	-	-	-	-
-	-	-	-	23224EMKD1	H2324X	SR215×6	1	62	ZF24	110	-	-	-	-	-	-	-	-
-	-	-	-	22226EAKD1	H3126	SR230×11	2	57	-	-	-	-	-	-	-	-	-	-
-	-	-	-	23226EMKD1	H2326	SR230×6	1	65	ZF26	115	-	-	-	-	-	-	-	-
-	-	-	-	22228EAKD1	H3128	SR250×13	2	60	-	-	-	-	-	-	-	-	-	-
-	-	-	-	23228EMKD1	H2328	SR250×6	1	70	ZF28	125	-	-	-	-	-	-	-	-
-	-	-	-	22230EAKD1	H3130	SR270×15	2	65	-	-	-	-	-	-	-	-	-	-
-	-	-	-	23230EMKD1	H2330	SR270×7	1	76	ZF30	135	-	-	-	-	-	-	-	-

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.
3. Adapters for series 12 bearings can also be used with H2 and H3 series bearings.

Plummer Blocks

WBW

Plummer block series SV5
(unit single standard type / for bearings with adapter assembly)

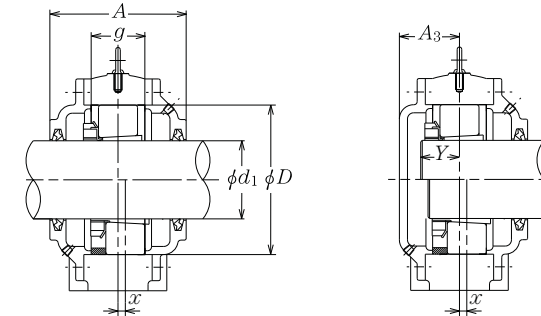


d₁ 140 ~ 300mm

Shaft dia. mm	Plummer block number	Dimensions mm											Oil filler / drain plug size	Reference dimension S	Mass kg			
		D	H	J	J ₁	N	N ₁	L	A	A ₁	g	A ₃				H ₁	H ₂	Nominal dimension
140	SV532	290	190	470	92	29	50	560	250	170	113	112	60	375	R1/4	M24	4	76
150	SV534	310	200	560	92	29	50	660	258	180	122	116	65	405	R1/4	M24	4	89
160	SV536	320	200	560	92	29	50	660	258	180	122	116	65	405	R1/4	M24	4	100
170	SV538	340	212	580	104	33	54	680	300	190	130	137	65	425	R1/4	M27	4	110
180	SV540	360	224	610	130	33	54	740	300	224	138	136	85	450	R1/4	M27	4	130
200	SV544	400	250	680	148	36	60	820	330	250	154	151	95	500	R1/4	M30	4	196
220	SV548	440	280	740	166	40	66	880	340	280	170	156	100	560	R1/4	M33	4	260
240	SV552	480	300	790	180	43	72	940	370	300	184	173	105	600	R1/4	M36	4	318
260	SV556	500	315	830	190	43	72	990	390	315	186	185	110	630	R1/4	M36	4	336
280	SV560	540	335	890	200	46	78	1060	410	335	202	196	115	670	R1/4	M39	4	433
300	SV564	580	355	930	215	49	84	1110	440	355	218	211	120	710	R1/4	M42	4	507

Plummer Blocks

WBW



Shaft penetration type

Shaft end type

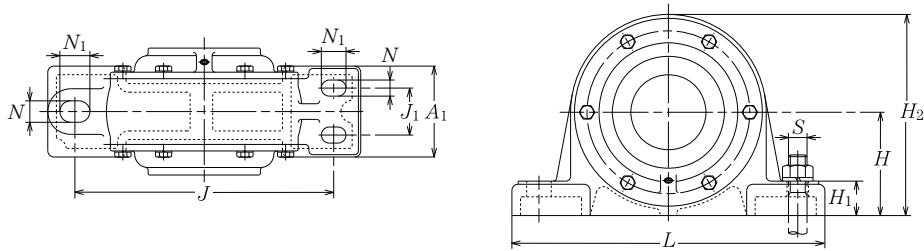
Applied part				Reference dimension mm	Rubber seal number	Shaft dia. mm				
Combination of self-aligning ball bearings	Combination of spherical roller bearings	Adapter number	Stabilizing ring							
Bearing number	Adapter number	Stabilizing ring Number ¹⁾	Quantity	Y ²⁾		d ₁				
-	-	-	-	22232EAKD1	H3132	SR290 × 16.5	2	71		
-	-	-	-	23232EMKD1	H2332	SR290 × 9	1	83	ZF32	140
-	-	-	-	22234EMKD1	H3134	SR310 × 18	2	75		
-	-	-	-	23234EMKD1	H2334	SR310 × 12	1	87	ZF34	150
-	-	-	-	22236EMKD1	H3136	SR320 × 18	2	76		
-	-	-	-	23236EMKD1	H2336	SR320 × 10	1	89	ZF36	160
-	-	-	-	22238EMKD1	H3138	SR340 × 19	2	80		
-	-	-	-	23238EMKD1	H2338	SR340 × 10	1	94	ZF38	170
-	-	-	-	22240EMKD1	H3140	SR360 × 20	2	84		
-	-	-	-	23240EMKD1	H2340	SR360 × 10	1	99	ZF40	180
-	-	-	-	22244EMKD1	H3144	SR400 × 23	2	90		
-	-	-	-	23244EMKD1	H2344	SR400 × 10	1	108	ZF44	200
-	-	-	-	22248EMKD1	H3148	SR440 × 25	2	98		
-	-	-	-	23248EMKD1	H2348	SR440 × 10	1	118	ZF48	220
-	-	-	-	22252EMKD1	H3152	SR480 × 27	2	105		
-	-	-	-	23252EMKD1	H2352	SR480 × 10	1	127	ZF52	240
-	-	-	-	22256EMKD1	H3156	SR500 × 28	2	107		
-	-	-	-	23256EMKD1	H2356	SR500 × 10	1	130	ZF56	260
-	-	-	-	22260EMKD1	H3160	SR540 × 31	2	114		
-	-	-	-	23260EMKD1	H2360	SR540 × 10	1	160	ZF60	280
-	-	-	-	22264EMKD1	H3164	SR580 × 34	2	122		
-	-	-	-	23264EMKD1	H2364	SR580 × 10	1	151	ZF64	300

1) The stabilizing ring indicates the outer diameter and width dimension.
2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.
Note: 1. SV520 or larger plummer blocks are provided with a lifting eye bolt.

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.
3. Adapters for series 12 bearings can also be used with H2 and H3 series bearings.

Plummer Blocks

Plummer block series SV2
(unit and stepped bore type / for cylindrical bore bearings)

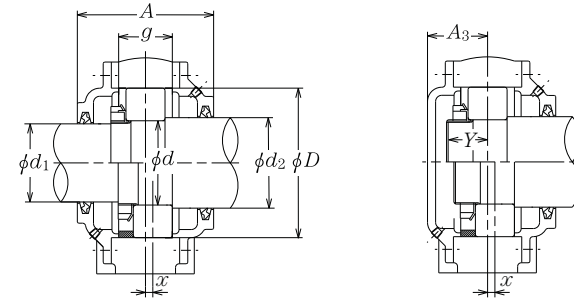


d 25 ~ 140mm

Shaft diameter mm	Plummer block number		Dimensions mm													Oil filler / drain plug size	Reference dimension S	Mass kg		
			d	d ₁	d ₂	D	H	J	J ₁	N	N ₁	L	A	A ₁	g				A ₃	H ₁
25	20	30	SV205	52	45	130	-	16	20	165	73	46	27	31	22	85	R1/8	M14	2	2.0
30	25	35	SV206	62	50	150	-	16	20	185	80	52	30	34	22	95	R1/8	M14	2	2.6
35	30	45	SV207	72	56	150	-	16	20	185	85	52	33	37.5	22	106	R1/8	M14	2	3.1
40	35	50	SV208	80	60	170	-	16	20	205	95	60	37	40.5	25	118	R1/8	M14	2	4.3
45	40	55	SV209	85	63	170	-	16	23	205	98	60	39	42.5	25	125	R1/8	M14	2	4.3
50	45	60	SV210	90	67	170	-	16	23	205	100	60	39	42.5	25	128	R1/8	M14	2	4.6
55	50	65	SV211	100	71	210	-	16	23	255	106	70	42	47	28	140	R1/8	M14	2	5.5
60	55	70	SV212	110	80	210	-	21	25	255	112	70	46	47	30	155	R1/8	M18	2	6.5
65	60	75	SV213	120	85	230	-	21	25	275	118	80	49	50	30	165	R1/8	M18	2	9.5
70	60	80	SV214	125	90	230	-	21	25	280	118	80	50	50	30	175	R1/8	M18	2	10
75	65	85	SV215	130	90	230	-	21	25	280	118	80	50	50	30	175	R1/8	M18	2	10
80	70	90	SV216	140	100	260	-	25	30	315	136	90	56	58	32	195	R1/8	M22	2	14
85	75	95	SV217	150	100	260	-	25	30	315	140	90	56	60	32	195	R1/8	M22	2	15
90	80	100	SV218	160	112	290	-	25	30	345	150	100	62	65	35	224	R1/8	M22	2	20
95	85	110	SV219	170	112	290	-	25	30	345	165	100	62	72.5	35	224	R1/8	M22	2	20
100	90	115	SV220	180	125	320	56	23	32	380	170	110	70	75	40	243	R1/8	M20	4	26
110	100	125	SV222	200	132	350	60	23	32	410	190	120	82	82	45	265	R1/4	M20	4	30
120	110	135	SV224	215	140	350	60	23	32	410	190	120	82	82	45	280	R1/4	M20	4	36
130	115	145	SV226	230	150	380	65	23	32	450	200	130	86	87	50	300	R1/4	M20	4	44
140	125	155	SV228	250	160	420	80	23	32	500	218	150	94	96	50	315	R1/4	M20	4	52

1) The stabilizing ring indicates the outer diameter and width dimension.
2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape.
Note: 1. SV220 or larger plummer blocks are provided with a lifting eye bolt.

Plummer Blocks



Shaft penetration type

Shaft end type

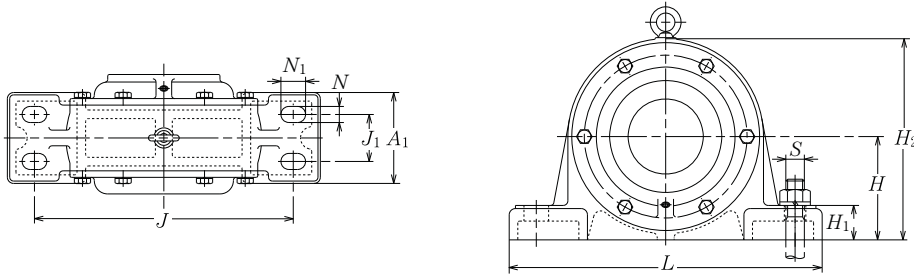
Combination of self-aligning ball bearings Bearing number	Applied part		Nut number	Washer number	Reference dimension Y ²⁾ mm	Rubber seal number	Shaft dia. mm		
	Stabilizing ring Number ¹⁾	Quantity						Combination of spherical roller bearings Bearing number	Stabilizing ring Number ¹⁾
1205S	SR52×6	2	-	-	17	ZF5	ZF7	25	
2205S	SR52×9	1	22205EAD1	SR52×9	1	AN05	AW05X	19	
1206S	SR62×7	2	-	-	18	ZF6	ZF8	30	
2206S	SR62×10	1	22206EAD1	SR62×10	1	AN06	AW06X	20	
1207S	SR72×8	2	-	-	19	ZF7	ZF10	35	
2207S	SR72×10	1	22207EAD1	SR72×10	1	AN07	AW07X	22	
1208S	SR80×9.5	2	-	-	21	ZF8	ZF11	40	
2208S	SR80×7	2	22208EAD1	SR80×7	2	AN08	AW08X	23	
1209S	SR85×10	2	-	-	22	ZF9	ZF12	45	
2209S	SR85×8	2	22209EAD1	SR85×8	2	AN09	AW09X	24	
1210S	SR90×9.5	2	-	-	24	ZF10	ZF13	50	
2210S	SR90×8	2	22210EAD1	SR90×8	2	AN10	AW10X	25	
1211S	SR100×10.5	2	-	-	25	ZF11	ZF15	55	
2211S	SR100×8.5	2	22211EAD1	SR100×8.5	2	AN11	AW11X	27	
1212S	SR110×12	2	-	-	26	ZF12	ZF16	60	
2212S	SR110×9	2	22212EAD1	SR110×9	2	AN12	AW12X	29	
1213S	SR120×13	2	-	-	28	ZF13	ZF17	65	
2213S	SR120×9	2	22213EAD1	SR120×9	2	AN13	AW13X	32	
1214S	SR125×13	2	-	-	28	ZF13	ZF18	70	
2214S	SR125×9.5	2	22214EAD1	SR125×9.5	2	AN14	AW14X	32	
1215S	SR130×12.5	2	-	-	30	ZF15	ZF19	75	
2215S	SR130×9.5	2	22215EAD1	SR130×9.5	2	AN15	AW15X	33	
1216S	SR140×15	2	-	-	32	ZF16	ZF20	80	
2216S	SR140×11.5	2	22216EAD1	SR140×11.5	2	AN16	AW16X	36	
1217S	SR150×14	2	-	-	34	ZF17	ZF21	85	
2217S	SR150×10	2	22217EAD1	SR150×10	2	AN17	AW17X	38	
1218S	SR160×15	2	-	-	35	ZF18	ZF22	90	
2218S	SR160×11	2	22218EAD1	SR160×11	2	AN18	AW18X	40	
-	-	-	23218EMD1	SR160×9.6	1	46			
1219S	SR170×15	2	-	-	37	ZF19	ZF24	95	
2219S	SR170×9.5	2	22219EAD1	SR170×9.5	2	AN19	AW19X	43	
1220S	SR180×18	2	-	-	39	ZF20	ZF26	100	
2220S	SR180×12	2	22220EAD1	SR180×12	2	AN20	AW20X	45	
-	-	-	23220EMD1	SR180×9.7	1	52			
1222S	SR200×22	2	-	-	42	ZF22	ZF28	110	
2222S	SR200×14.5	2	22222EAD1	SR200×14.5	2	AN22	AW22X	50	
-	-	-	23222EMD1	SR200×12.2	1	58			
-	-	-	22224EAD1	SR215×12	2	53	ZF24	ZF30	120
-	-	-	23224EMD1	SR215×6	1	62			
-	-	-	22226EAD1	SR230×11	2	57	ZF26	GS33	130
-	-	-	23226EMD1	SR230×6	1	65			
-	-	-	22228EAD1	SR250×13	2	60	ZF28	GS35	140
-	-	-	23228EMD1	SR250×6	1	70			

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.

Plummer Blocks

WBW

Plummer block series SV2
(single and different aperture type / for cylindrical bore bearings)

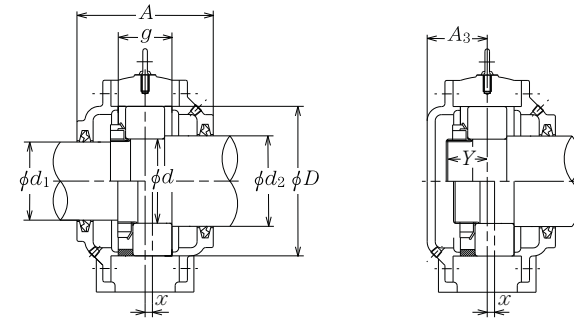


d 150 ~ 320mm

d	Shaft diameter		Plummer block number	Dimensions													Oil filler / drain plug size	Reference dimension S	Mass kg	
	mm	mm		mm																
d	d ₁	d ₂	D	H	J	J ₁	N	N ₁	L	A	A ₁	g	A ₃	H ₁	H ₂	Nominal dimension	Quantity	(approx.)		
150	135	165	SV230	270	170	450	92	29	42	540	236	160	103	105	60	335	R1/4	M24	4	62
160	140	175	SV232	290	190	470	92	29	50	560	250	170	113	112	60	375	R1/4	M24	4	75
170	150	190	SV234	310	200	560	92	29	50	660	258	180	122	116	65	405	R1/4	M24	4	87
180	160	200	SV236	320	200	560	92	29	50	660	258	180	122	116	65	405	R1/4	M24	4	98
190	170	210	SV238	340	212	580	104	33	54	680	300	190	130	137	65	425	R1/4	M27	4	110
200	180	230	SV240	360	224	610	130	33	54	740	300	224	138	136	85	450	R1/4	M27	4	130
220	200	250	SV244	400	250	680	148	36	60	820	330	250	154	151	95	500	R1/4	M30	4	196
240	220	260	SV248	440	280	740	166	40	66	880	340	280	170	156	100	560	R1/4	M33	4	260
260	240	280	SV252	480	300	790	180	43	72	940	370	300	184	173	105	600	R1/4	M36	4	318
280	260	300	SV256	500	315	830	190	43	72	990	390	315	186	185	110	630	R1/4	M36	4	336
300	280	320	SV260	540	335	890	200	46	78	1060	410	335	202	196	115	670	R1/4	M39	4	433
320	300	340	SV264	580	355	930	215	49	84	1110	440	355	218	211	120	710	R1/4	M42	4	507

Plummer Blocks

WBW



Shaft penetration type

Shaft end type

Combination of self-aligning ball bearings	Applied part		Nut number	Washer number	Reference dimension mm	Rubber seal number	Shaft dia. mm
	Bearing number	Stabilizing ring Number 1)					
-	-	-	AN30	AW30	65	ZF30 GS37	150
-	-	-	AN32	AW32	71	ZF32 GS39	160
-	-	-	AN34	AW34	75	ZF34 ZF42	170
-	-	-	AN36	AW36	76	ZF36 ZF44	180
-	-	-	AN38	AW38	80	ZF38 ZF46	190
-	-	-	AN40	AW40	84	ZF40 GS50S	200
-	-	-	AN44	AL44	90	ZF44 ZF54	220
-	-	-	AN48	AL44	98	ZF48 ZF56	240
-	-	-	AN52	AL52	105	ZF52 ZF60	260
-	-	-	AN56	AL52	107	ZF56 ZF64	280
-	-	-	AN60	AL60	114	ZF60 ZF68	300
-	-	-	AN64	AL64	122	ZF64 GS72	320

1) The stabilizing ring indicates the outer diameter and width dimension. 2) Dimension Y indicates the reference dimension from the shaft center to the end in the case of the shaft end shape. Note: 1. SV220 or larger plummer blocks are provided with a lifting eye bolt.

Note: 2. Dimension x applies to plummer block numbers using one stabilizing ring and indicates the value of deviation from the bearing center to the plummer block center. The value is 1/2 of the width dimension of the stabilizing ring.