

SNL 30/31/32 SERIES BEARING HOUSINGS

A further developed and revised series of SNL has main purpose of accommodating larger size bearing of range 30, 31 and 32, hence it is termed as SNL 30/31/32 Series. The construction of SNL 30/31/32 Housing is basically same as regular SNL series, but a number of additional features are included considering its size and huge load it has to handle. Construction of base with its hollow bottom is focused for such purpose while developing this series.

SNL 30, 31 and 32 series are suitable for appropriate series of bearing with taper bore and straight bore. Among this large housings variety, the SNL3100 series is interchangeable with SD3100 series since the mounting and major dimensions are maintained.

SNL 30/31/32 Housings are designed to provide better support to bearing with efficient lubrication and better heat dissipation. This enables the housing series to provide maximum bearing life and trouble free services with very less maintenance. SNL 30/31/32 Series offers easy alignment and handling while installation. There is also scope for making provision for temperature and vibration measuring facility for trouble free operation in continuous running plant. Such provision can be made available upon specific request while ordering.

SNL 30/31/32 is preferred by heavy duty industries and applications like material handling, conveyors, Mining and Construction, Paper Industries, Cement and Steel industries, power plants etc.

TECHNICAL DETAIL AND PRODUCT FEATURE

- Design upgradation and construction of SNL 30/31/32 series imparts this series more strength, ease of operating conditions like higher temperature and higher vibration as well as many variants to help easy maintenance.
- The hollow bottom base is strengthened with four ribs at side and two more end ribs which allows increased load carrying capacity.
- Among other characteristics, this housing provides better service life. This quality enables SNL 30/31/32 Series most suitable for vibration application, especially in fan industries. The special construction of SNL 30/31/32 also enables better heat dissipation through it's walls as well as base.
- The inside cavity of SNL 30/31/32 is made more suitable to allow smooth flow of oil during operation.



SNL 30/31/32 SERIES BEARING HOUSINGS



TECHNICAL DETAIL AND PRODUCT FEATURE

- SNL 30/31/32 Series is horizontally split type bearing housing which has advantage like ease during maintenance and ease while changing bearing.
- Shaft diameter 115 mm to 500 mm for taper bore bearing and 130 mm to 530 mm for straight bore bearing which is the limiting range for use of suitable bearing for this series.
- For located bearing option in axial direction, the provision for locating ring is available. Depending upon bearing size, one or two locating rings are used.

However, it is important to note that locating rings are not used for very large SNL Housing, starting from size housing sizes SNL 3076, SNL 3188, SNL 3264 onwards and up to Bearings for maximum shaft dia. 500 mm. Instead, SNL 30/31/32 Housings are appropriately machined for suitable bearing seating width for fix and free bearing options. A suffix F (to indicate fix/located bearing) and suffix L (for Free/non-located bearing) is put with product code to indicate fixed/located bearing and free/non-located bearing.

- SNL Housings are suitable for grease as well as oil lubrication.
- A couple of dimples are provided on suitable pads on the cap. Conveniently grease nipples are provided on top for relubrication. The location of grease nipple will be in center of cap width, when W33 type bearing (which is having Annular Groove inside) is used. For other bearings, the grease nipple is fitted on sides.
- For SNL 30/31/32 Series following choices of seal are available:
 - I. Labyrinth Seal : TS
 - ii. Taconite Seal : TNF (axial seal)
- The choice of Taconite seal makes SNL 30/31/32 Series much superior. SNL 30/31/32 are usually selected for heavy duty and higher speed. This housing can also be used in dusty and hostile environment by using Taconite seal which can protect bearing and lubricant efficiently.

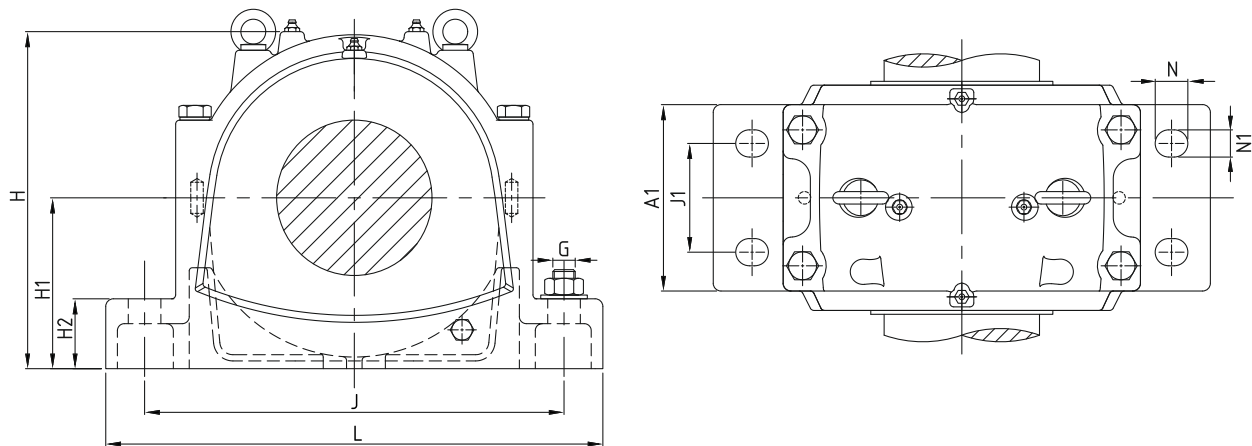
- Taconite seal is comprised of multiple sealing arrangements inside it. It is considered as the first choice for the arduous conditions such as in cement, fluid machinery and mining industries
- On side at base of housing there is provision of Drain Plug. Also in case of oil lubrication in housing, a threaded connection can be provided to fit oil level indicator.
- For SNL 30/31/32 Housings, suitable provision can be easily made to fit Condition Monitoring Sensors for online measurement of temperature and vibration.
- SNL 30/31/32 Housings are suitable for continuous circulating Oil Lubrication system, where suitable oil inlet and drain connection can be provided. It is important to note that in such cases special seals should be used.
- For shaft end option in housing assembly, provision for an End Cover is available. For identification, prefix A with seal designation is used.
- Six dimensional series are available in SNL 30/31/32 Housings:
 - SNL 30 - suitable for bearing 230...CCK/W33 with adapter sleeve /and with cylindrical bore bearing
 - SNL 31 - suitable for bearing 231...CCK/W33 with adapter sleeve /and with cylindrical bore bearing
 - SNL 32 - suitable for bearing 232...CCK/W33 with adapter sleeve /and with cylindrical bore bearing
- Material for SNL 30/31/32 Series:

Following options are available, which allow user to select his suitability depending upon the loading condition for bearing housing.

 - a. Graded Cast Iron : Gr FG 260 (IS 210)
 - b. Cast Steel : Gr 230-450 (IS 1030)
 - c. SG (Ductile) Iron : Gr 400/15 (IS 1865)
- SNL 30/31/32 Housings are provided four foundation slots of oval shape for rigidity.
- In case these housings are subjected to heavy load acting parallel to base, an arrangement of pad in bottom for dowel pin is already available at base. One can use it during assembly at site by drilling through and fit dowel pin.

SNL 3100-3000 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

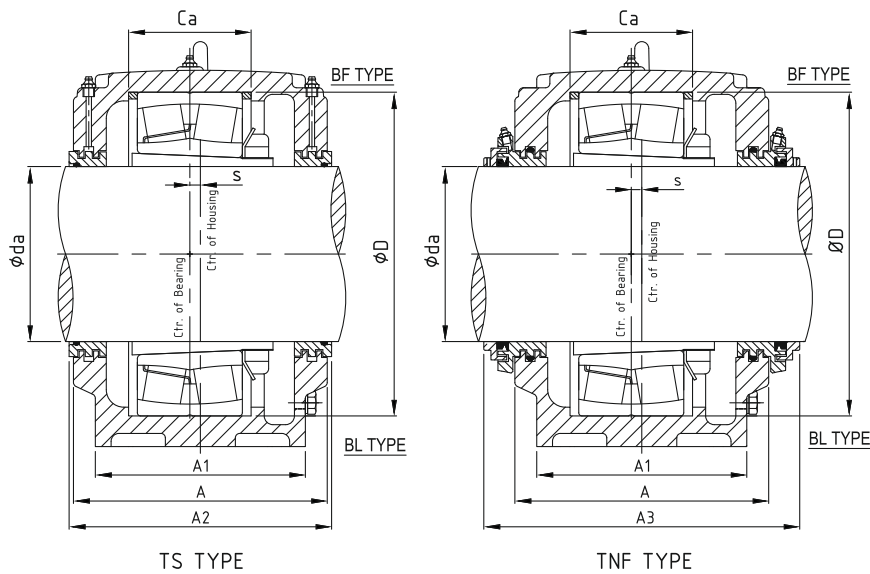


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia da	Dimension in MM											
		A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3134	115	230	180	333	170	70	430	100	510	34	28	14	M 24
	150	230	180	333	170	70	430	100	510	34	28	14	M 24
SNL 3036	160	230	180	333	170	70	430	100	510	34	28	14	M 24
SNL 3136	125	240	190	353	180	75	450	110	530	34	28	15	M 24
	160	240	190	353	180	75	450	110	530	34	28	15	M 24
SNL 3038	140	240	190	353	180	75	450	110	530	34	28	15	M 24
	170	240	190	353	180	75	450	110	530	34	28	15	M 24
SNL 3138	135	260	210	375	190	80	480	120	560	34	28	10	M 24
	160	260	210	375	190	80	480	120	560	34	28	10	M 24
	170	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3040	150	260	210	375	190	80	480	120	560	34	28	10	M 24
	180	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3140	140	280	230	411	210	85	510	130	610	42	35	10	M 30
	170	280	230	411	210	85	510	130	610	42	35	10	M 30
	180	280	230	411	210	85	510	130	610	42	35	10	M 30
SNL 3044	200	280	230	411	210	85	510	130	610	42	35	10	M 30
SNL 3144	200	290	240	434	220	90	540	140	640	42	35	12	M 30
SNL 3048	150	290	240	434	220	90	540	140	640	42	35	12	M 30
	180	290	240	434	220	90	540	140	640	42	35	12	M 30
	220	290	240	434	220	90	540	140	640	42	35	12	M 30
SNL 3148	170	310	260	474	240	95	600	150	700	42	35	12	M 30
	220	310	260	474	240	95	600	150	700	42	35	12	M 30
SNL 3052	240	310	260	474	240	95	600	150	700	42	35	12	M 30

SNL 3100-3000 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

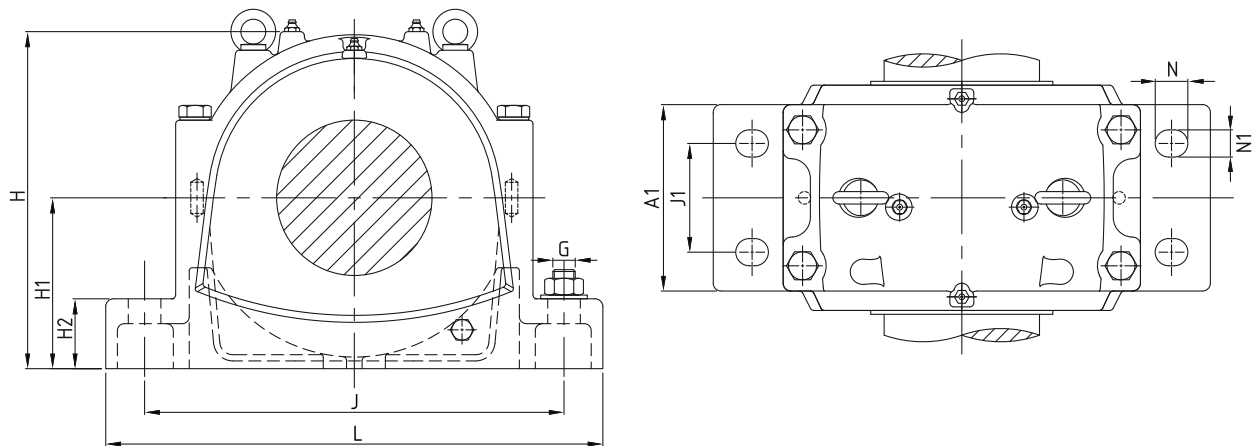


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia da	Approx Weight KG	Bearing Seating				EYE BOLT	Appropriate Bearing	Adapter Sleeve	Locating Ring Size
115	69.5	108	280	240	302	M 16	22326 CCK/W33	H 2326	2 FRB 7.5/280
150	69.5	108	280	240	302	M 16	23134 CCK/W33	H 3134	2 FRB 10/280
160	69.5	108	280	240	304	M 16	23036 CCK/W33	H 3036	2 FRB 17/280
125	77.5	116	300	250	317	M 16	22328 CCK/W33	H 2328	2 FRB 7/300
160	77.5	116	300	250	317	M 16	23136 CCK/W33	H 3136	2 FRB 10/300
140	77.5	115	290	250	318	M 16	22232 CCK/W33	H 3132	2 FRB 17.5/290
170	77.5	115	290	250	318	M 16	23038 CCK/W33	H 3038	4 FRB 10/290
135	97.5	124	320	270	334	M 20	22330 CCK/W33	H 2330	2 FRB 8/320
160	97.5	124	320	270	334	M 20	22236 CCK/W33	H 3136	2 FRB 19/320
170	97.5	124	320	270	334	M 20	23138 CCK/W33	H 3138	2 FRB 10/320
150	97.5	122	310	270	331	M 20	22234 CCK/W33	H 3134	2 FRB 18/310
180	97.5	122	310	270	331	M 20	23040 CCK/W33	H 3040	4 FRB 10/310
140	123	132	340	290	351	M 20	22332 CCK/W33	H 2332	2 FRB 9/340
170	123	132	340	290	351	M 20	22238 CCK/W33	H 3138	4 FRB 10/340
180	123	132	340	290	351	M 20	23140 CCK/W33	H 3140	2 FRB 10/340
200	123	130	340	290	353	M 20	23044 CCK/W33	OH 3044 H	4 FRB 10/340
200	138	140	370	300	361	M 20	23144 CCK/W33	OH 3144 H	2 FRB 10/370
150	139	140	360	300	387	M 20	23048 CCK/W33	H 2334	2 FRB 10/360
180	139	140	360	300	387	M 20	22240 CCK/W33	H 3140	2 FRB 21/360
220	138	140	360	300	387	M 20	22334 CCK/W33	OH 3048 H	4 FRB 12/360
170	187	148	400	315	404	M 24	22338 CCK/W33	H 2338	2 FRB 8/400
220	187	148	400	315	404	M 24	23148 CCK/W33	OH 3148 H	2 FRB 10/400
240	187	148	400	315	397	M 24	23052 CCK/W33	OH 3052 H	2 FRB 22/400

SNL 3100-3000 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

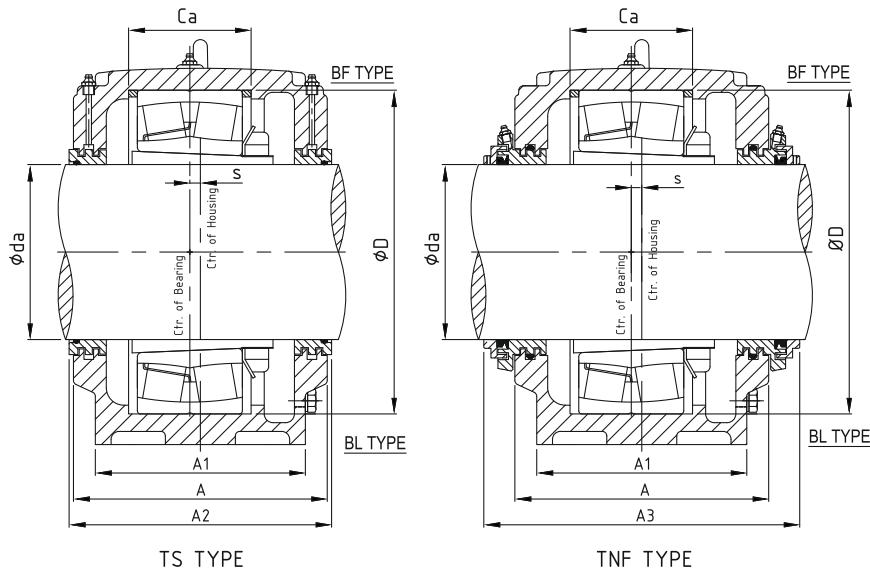


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia da	Dimension in MM											
		A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3152	220	320	280	516	260	100	650	160	770	50	42	13	M 36
	240	320	280	516	260	100	650	160	770	50	42	13	M 36
SNL 3056	180	320	280	516	260	100	650	160	770	50	42	13	M 36
	260	320	280	516	260	100	650	160	770	50	42	13	M 36
SNL 3156	200	320	280	516	260	100	650	160	790	50	42	16	M 36
	260	320	280	551	280	105	670	160	790	50	42	16	M 36
SNL 3060	280	320	280	551	280	105	670	160	790	50	42	16	M 36
SNL 3160	220	350	310	591	300	110	710	190	830	50	42	22	M 36
	260	350	310	591	300	110	710	190	830	50	42	22	M 36
	280	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3064	240	350	310	591	300	110	710	190	830	50	42	22	M 36
	300	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3164	240	370	330	631	320	115	750	200	880	50	42	23	M 36
	280	370	330	631	320	115	750	200	880	50	42	23	M 36
	300	370	330	631	320	115	750	200	880	50	42	23	M 36
SNL 3068	320	370	330	631	320	115	750	200	880	50	42	23	M 36
SNL 3168	300	400	360	675	340	120	810	220	950	50	42	24	M 36
SNL 3072	340	370	330	631	320	115	750	200	880	50	42	23	M 36

SNL 3100-3000 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

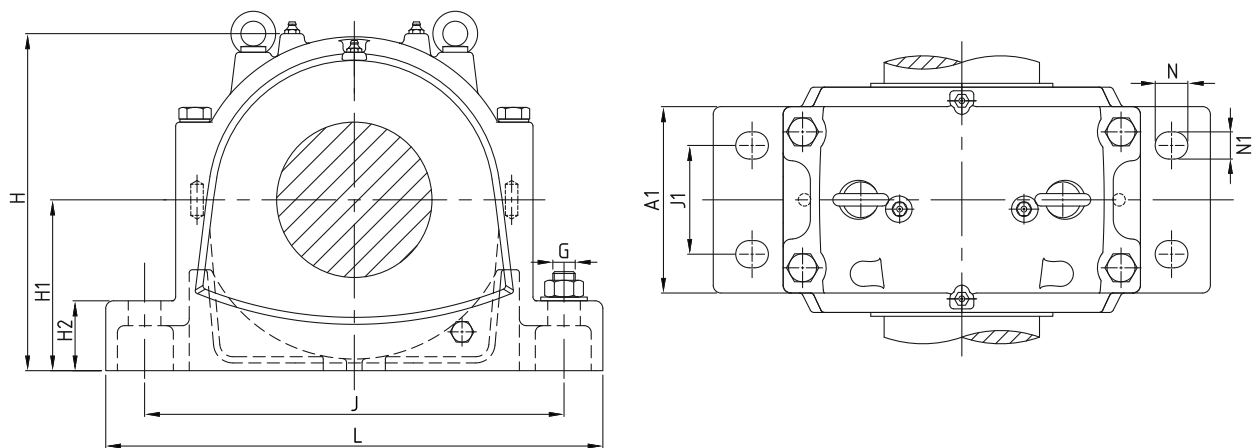


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia da	Approx Weight KG	Bearing Seating				EYE BOLT	Appropriate Bearing	Adapter Sleeve	Locating Ring Size
220	221	164	440	330	414	M 24	22248 CCK/W33	OH 3148 H	2 FRB 22/440
240	221	164	440	330	414	M 24	23152 CCK/W33	OH 3152 H	2 FRB 10/440
180	221	166	420	330	413	M 24	22340 CCK/W33	H 2340	2 FRB 14/420
260	221	166	420	330	413	M 24	23056 CCK/W33	OH 3056 H	6 FRB 10/420
200	252	166	460	330	412	M 24	22344 CCK/W33	OH 2344 H	2 FRB 10.5/460
260	252	166	460	330	412	M 24	23156 CCK/W33	OH 3156 H	2 FRB 10/460
280	252	168	460	330	412	M 24	23060 CCK/W33	OH 3060 H	2 FRB 25/460
220	301	180	500	360	442	M 30	22348 CCK/W33	OH 2348 H	2 FRB 12.5/500
260	301	180	500	360	442	M 30	22256 CCK/W33	OH 3156 H	2 FRB 25/500
280	301	180	500	360	442	M 30	23160 CCK/W33	OH 3160 H	2 FRB 10/500
240	301	181	480	360	443	M 30	22252 CCK/W33	OH 3152 H	2 FRB 25.5/480
300	301	181	480	360	443	M 30	23064 CCK/W33	OH 3064 H	6 FRB 10/480
240	339	196	540	380	462	M 30	22352 CCK/W33	OH 2352 H	2 FRB 15.5/540
300	339	196	540	380	462	M 30	22260 CCK/W33	OH 3160 H	2 FRB 28/540
300	339	196	540	380	462	M 30	23164 CCK/W33	OH 3164 H	2 FRB 10/540
320	339	197	520	380	461	M 30	23068 CCK/W33	OH 3068 H	4 FRB 16/520
300	430	190	580	410	491	M 30	22264 CCK/W33	OH 3164 H	2 FRB 20/580
320	339	198	540	380	461	M 30	23072 CCK/W33	OH 3072 H	4 FRB 16/540

SNL 3100-3000 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

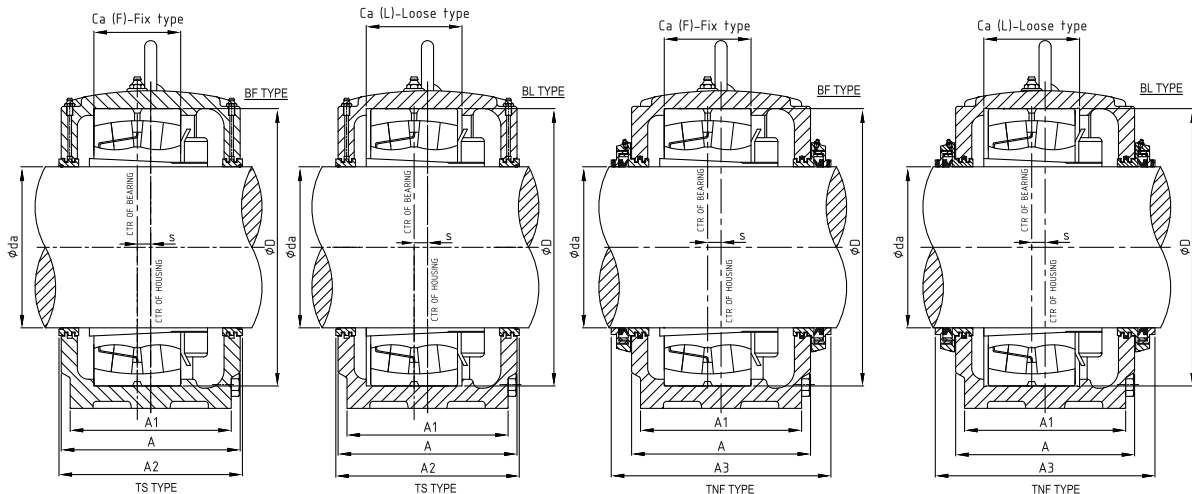


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia da	Dimension in MM											
		A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3168	320	400	360	675	340	120	810	220	950	50	42	24	M 36
SNL 3076	360	400	360	675	340	120	810	220	950	50	42	24	M 36
SNL 3172	340	400	360	695	350	120	840	220	1000	50	42	30	M 36
SNL 3080	380	400	360	695	350	120	840	220	1000	50	42	30	M 36
SNL 3176	360	400	360	715	360	120	870	220	1040	50	42	30	M 36
SNL 3084	400	400	360	715	360	120	870	220	1040	50	42	30	M 36
SNL 3180	340	430	390	755	380	125	950	240	1120	60	48	30	M 42
	380	430	390	755	380	125	950	240	1120	60	48	30	M 42
SNL 3088	410	430	390	755	380	125	950	240	1120	60	48	30	M 42
SNL 3184	400	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3092	430	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3096	450	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3188	410	460	430	835	420	135	1030	260	1220	60	48	35	M 42
SNL 30/500	470	460	430	835	420	135	1030	260	1220	60	48	35	M 42
SNL 3192	430	470	440	880	440	145	1070	260	1280	60	48	35	M 42
SNL 3196	450	470	440	920	460	155	1110	260	1330	70	56	35	M 48
SNL 30/530	500	470	440	920	460	155	1110	260	1330	70	56	35	M 48

SNL 3100-3000 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

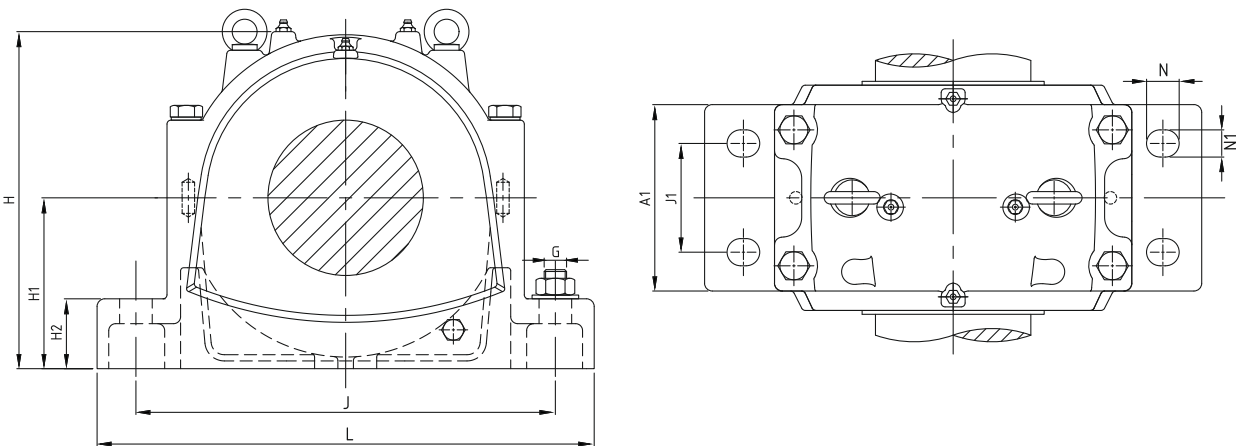


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia da	Approx Weight KG	Bearing Seating Ca					EYE BOLT	Appropriate Bearing	Adapter Sleeve	Locating Ring Size
		F- Fix	L- Loose	D	A2	A3				
320	430	190	210	580	410	491	M 30	23168 CCK/W33	OH 3168 H	-
360	430	135	180	560	410	492	M 30	23076 CAK/W33	OH 3076 H	-
340	458	192	212	600	410	491	M 36	23172 CCK/W33	OH 3172 H	-
380	458	148	192	600	410	491	M 36	23080 CCK/W33	OH 3080 H	-
360	473	194	214	620	410	491	M 36	23176 CAK/W33	OH 3176 H	-
400	473	150	194	620	410	492	M 36	23084 CAK/W33	OH 3084 H	-
340	595	-	220	650	440	521	M 42	22272 CAK/W33	OH 3272 H	2 FRB 25/650
	595	200	220	650	440	521	M 42	23180 CAK/W33	OH 3180 H	-
410	595	157	200	650	440	522	M 42	23088 CAK/W33	OH 3088 H	-
400	716	224	244	700	470	551	M 42	23184 CKJ/W33	OH 3184 H	-
430	716	163	224	680	470	552	M 42	23092 CAK/W33	OH 3092 H	-
450	716	165	224	700	470	552	M 42	23096 CAK/W33	OH 3096 H	-
410	755	226	246	720	470	552	M 42	23188 CAK/W33	OH 3188 H	-
470	755	167	226	720	470	551	M 42	230/500 CAK/W33	OH 30/500 H	-
430	865	240	260	760	480	562	M 48	23192 CAK/W33	OH 3192 H	-
450	941	248	268	790	480	561	M 48	23196 CAK/W33	OH 3196 H	-
500	947	185	248	780	480	551	M 48	230/530 CAK/W33	OH 30/530 H	-

SNL 3200 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

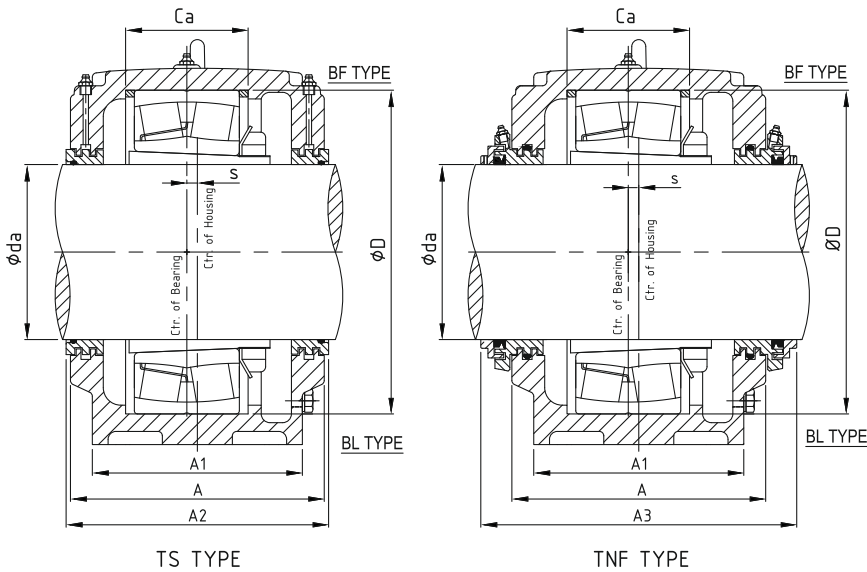


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia da	Dimension in MM											
		A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3234	150	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3236	160	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3238	170	280	230	411	210	85	510	130	610	42	35	10	M 30
SNL 3240	180	290	240	434	220	90	540	140	640	42	35	12	M 30
SNL 3244	200	310	260	474	240	95	600	150	700	42	35	12	M 30
SNL 3248	220	320	280	516	260	100	650	160	770	50	42	13	M 36
SNL 3252	240	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3256	260	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3260	280	370	330	631	320	115	750	200	880	50	42	23	M 36

SNL 3200 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

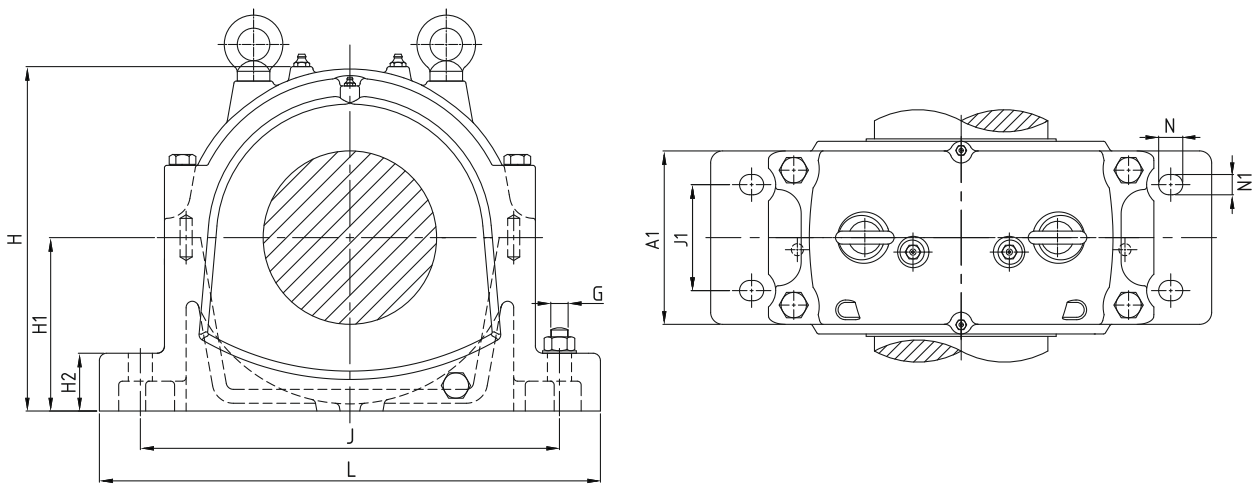


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia da	Approx Weight KG	Bearing Seating				EYE BOLT	Appropriate Bearing	Adapter Sleeve	Locating Ring Size
da	KG	Ca	D	A2	A3				
150	97.5	122	310	270	331	M 20	23234 CCK/W33	H 2334	2 FRB 6/310
160	97.5	124	320	270	334	M 20	23236 CCK/W33	H 2336	2 FRB 6/320
170	123	132	340	290	351	M 20	23238 CCK/W33	H 2338	2 FRB 6/340
180	139	140	360	300	383	M 20	23240 CCK/W33	H 2340	2 FRB 6/360
200	187	164	400	315	404	M 24	23244 CCK/W33	OH 2344 H	2 FRB 10/400
220	221	180	440	330	414	M 24	23248 CCK/W33	OH 2348 H	2 FRB 10/440
240	301	194	480	360	442	M 30	23252 CCK/W33	OH 2352 H	2 FRB 10/480
260	301	196	500	360	442	M 30	23256 CCK/W33	OH 2356 H	2 FRB 10/500
280	339	212	540	380	462	M 30	23260 CCK/W33	OH 3260 H	2 FRB 10/540

SNL 3200 SERIES

Plummer Blocks (Bearing Housings)
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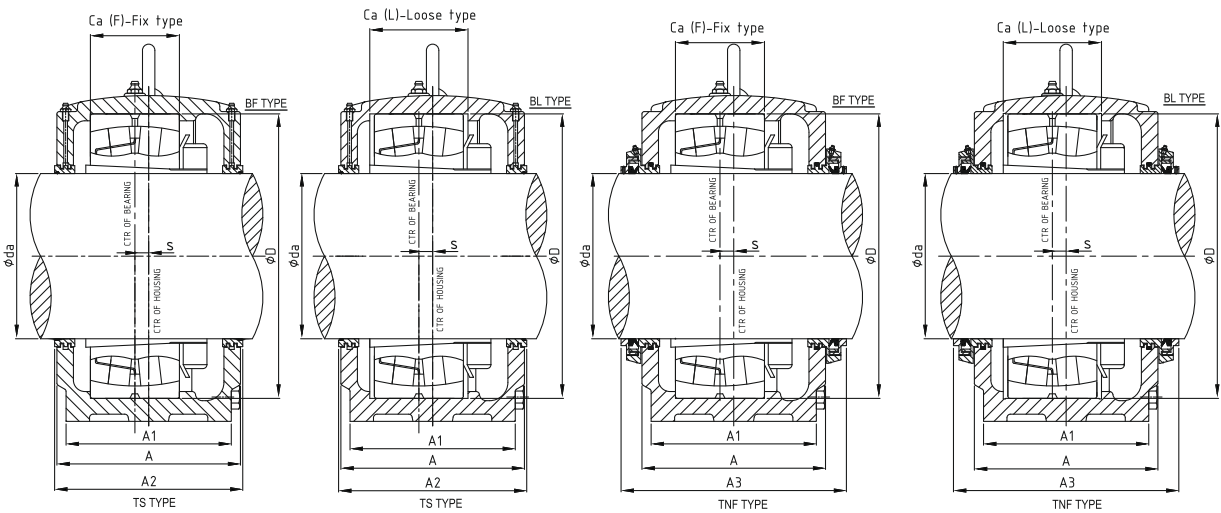


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia da	Dimension in MM											
		A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3264	300	400	360	675	340	120	810	200	950	50	42	24	M 36
SNL 3268	320	400	360	715	360	120	870	220	1040	50	42	30	M 36
SNL 3272	340	430	390	755	380	125	950	240	1120	60	48	30	M 42
SNL 3276	360	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3280	380	460	430	835	420	135	1030	260	1220	60	48	35	M 42
SNL 3284	400	470	440	880	440	145	1070	260	1280	60	48	35	M 42
SNL 3288	410	470	440	920	460	155	1110	260	1330	70	56	35	M 48

SNL 3200 SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Adapter Sleeves

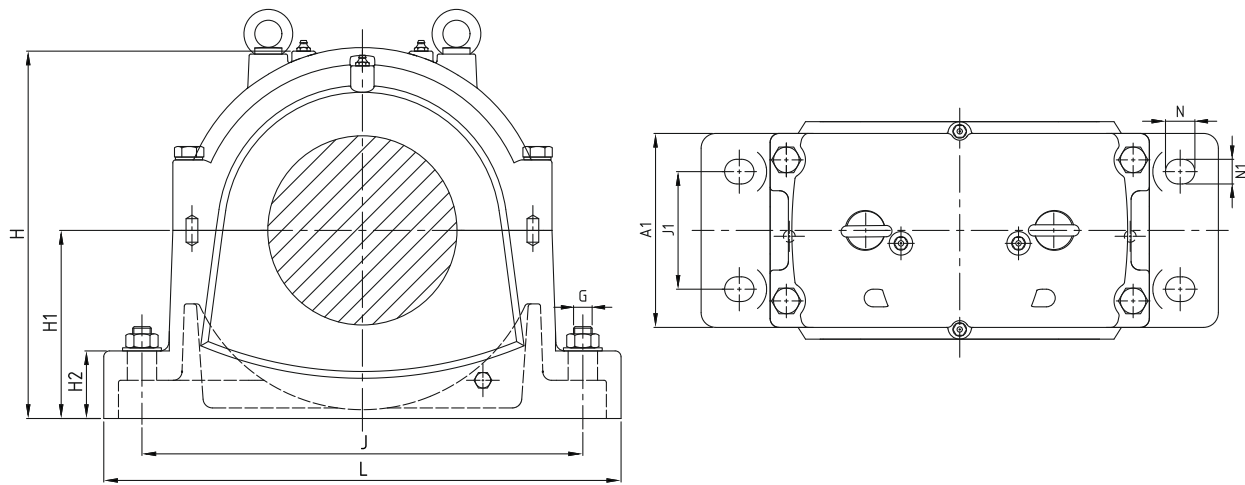


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia da	Approx Weight KG	Bearing Seating Ca		EYE BOLT			Appropriate Bearing	Adapter Sleeve
		F- Fix	L- Loose					
300	430	208	228	580	410	491	23264 CCK/W33	OH 3264 H
320	473	224	244	620	410	491	23268 CAK/W33	OH 3268 H
340	595	232	252	650	440	521	23272 CAK/W33	OH 3272 H
360	716	240	260	680	470	552	23276 CAK/W33	OH 3276 H
380	755	256	276	720	470	552	23280 CAK/W33	OH 3280 H
400	865	272	292	760	480	562	23284 CAK/W33	OH 3284 H
410	947	280	300	790	480	561	23288 CAK/W33	OH 3288 H

SNL 3100-3000 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

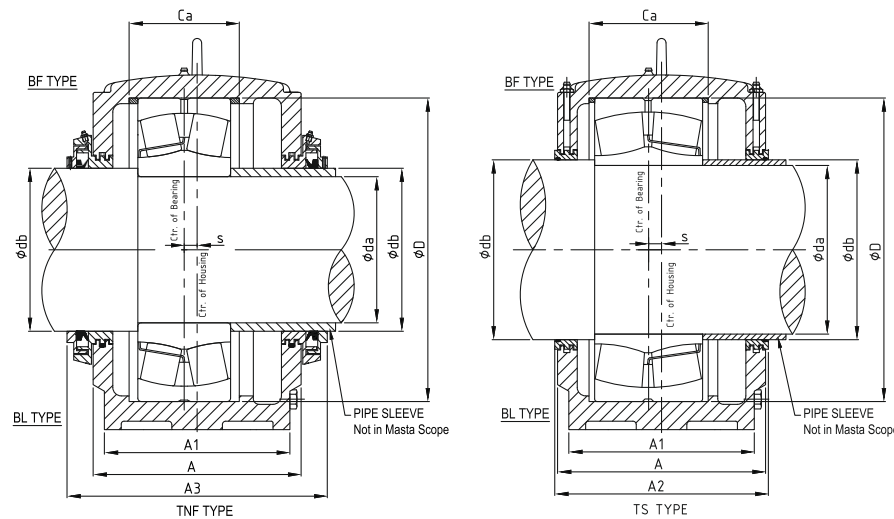


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia		Dimension in MM											
	da	db	A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3134 G	130	150	230	180	333	170	70	430	100	510	34	28	14	M 24
	170	180	230	180	333	170	70	430	100	510	34	28	14	M 24
SNL 3036 G	180	200	230	180	333	170	70	430	100	510	34	28	14	M 24
SNL 3136 G	140	160	240	190	353	180	75	450	110	530	34	28	15	M 24
	180	200	240	190	353	180	75	450	110	530	34	28	15	M 24
SNL 3038 G	160	180	240	190	353	180	75	450	110	530	34	28	15	M 24
	190	200	240	190	353	180	75	450	110	530	34	28	15	M 24
SNL 3138 G	150	170	260	210	375	190	80	480	120	560	34	28	10	M 24
	180	200	260	210	375	190	80	480	120	560	34	28	10	M 24
	190	200	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3040 G	170	190	260	210	375	190	80	480	120	560	34	28	10	M 24
	200	220	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3140 G	160	180	280	230	411	210	85	510	130	610	42	35	10	M 30
	190	210	280	230	411	210	85	510	130	610	42	35	10	M 30
	200	220	280	230	411	210	85	510	130	610	42	35	10	M 30
SNL 3044 G	220	240	280	230	411	210	85	510	130	610	42	35	10	M 30
SNL 3144 G	220	240	290	240	434	220	90	540	140	640	42	35	12	M 30
SNL 3048 G	240	260	290	240	434	220	90	540	140	640	42	35	12	M 30
	200	220	290	240	434	220	90	540	140	640	42	35	12	M 30
	170	190	290	240	434	220	90	540	140	640	42	35	12	M 30
SNL 3148 G	190	210	310	260	474	240	95	600	150	700	42	35	12	M 30
	240	260	310	260	474	240	95	600	150	700	42	35	12	M 30
SNL 3052 G	260	280	310	260	474	240	95	600	150	700	42	35	12	M 30

SNL 3100-3000 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

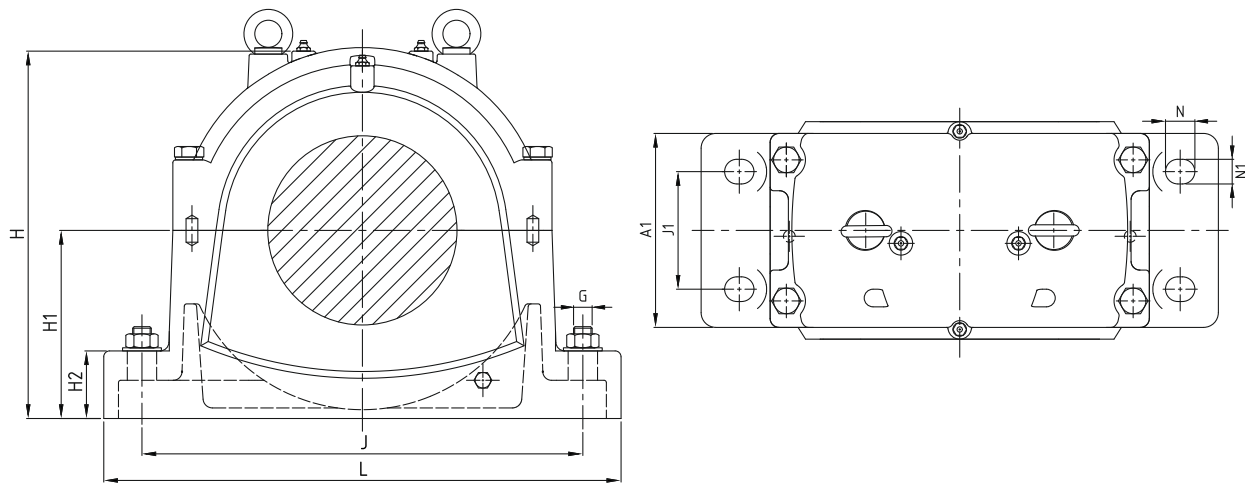


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia		Approx Weight	Bearing Seating				EYE BOLT	Appropriate Bearing	Locating Ring Size
da	db	KG	Ca	D	A2	A3			
130	150	69.5	108	280	240	302	M 16	22326 CC/W33	2 FRB 7.5/280
170	180	69.5	108	280	240	302	M 16	23134 CC/W33	2 FRB 10/280
180	200	69.5	108	280	240	304	M 16	23036 CC/W33	2 FRB 17/280
140	160	77.5	116	300	250	317	M 16	22328 CC/W33	2 FRB 7/300
180	200	77.5	116	300	250	317	M 16	23136 CC/W33	2 FRB 10/300
160	180	77.5	115	290	250	318	M 16	22232 CC/W33	2 FRB 17.5/290
190	200	77.5	115	290	250	318	M 16	23038 CC/W33	4 FRB 10/290
150	170	97.5	124	320	270	334	M 20	22330 CC/W33	2 FRB 8/320
180	200	97.5	124	320	270	334	M 20	22236 CC/W33	2 FRB 19/320
190	200	97.5	124	320	270	334	M 20	23138 CC/W33	2 FRB 10/320
170	190	97.5	122	310	270	331	M 20	22234 CC/W33	2 FRB 18/310
200	220	97.5	122	310	270	331	M 20	23040 CC/W33	4 FRB 10/310
160	180	123	132	340	290	351	M 20	22332 CC/W33	2 FRB 9/340
190	210	123	132	340	290	351	M 20	22238 CC/W33	4 FRB 10/340
200	220	123	132	340	290	351	M 20	23140 CC/W33	2 FRB 10/340
220	240	123	130	340	290	353	M 20	23044 CC/W33	4 FRB 10/340
220	240	138	140	370	300	361	M 20	23144 CC/W33	2 FRB 10/370
240	260	139	140	360	300	387	M 20	23048 CC/W33	4 FRB 12/360
200	220	139	140	360	300	387	M 20	22240 CC/W33	2 FRB 21/360
170	190	139	140	360	300	387	M 20	22334 CC/W33	2 FRB 10/360
190	210	187	148	400	315	404	M 24	22338 CC/W33	2 FRB 8/400
240	260	187	148	400	315	404	M 24	23148 CC/W33	2 FRB 10/400
260	280	187	148	400	315	397	M 24	23052 CC/W33	2 FRB 22/400

SNL 3100-3000 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

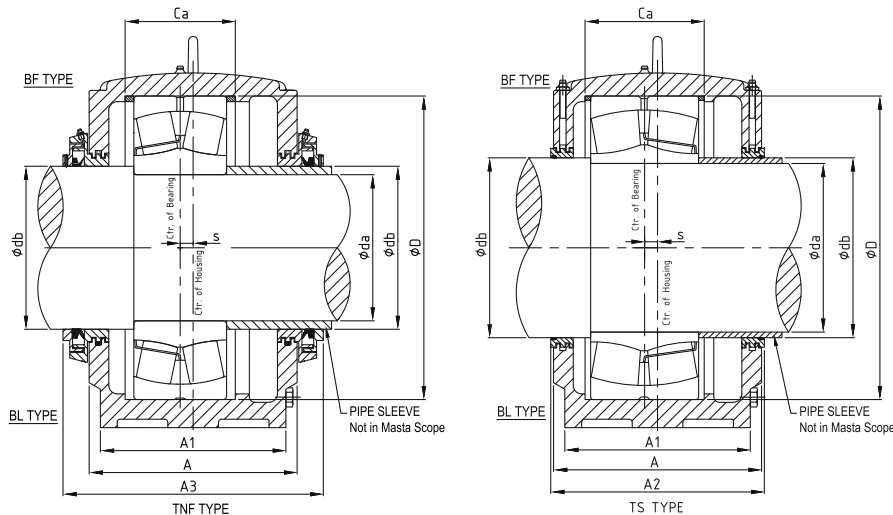


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia		Dimension in MM											
	da	db	A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3152 G	240	260	320	280	516	260	100	650	160	770	50	42	13	M 36
	260	280	320	280	516	260	100	650	160	770	50	42	13	M 36
SNL 3056 G	200	220	320	280	516	260	100	650	160	770	50	42	13	M 36
	280	300	320	280	516	260	100	650	160	770	50	42	13	M 36
SNL 3156 G	220	240	320	280	551	280	105	670	160	790	50	42	16	M 36
	280	300	320	280	551	280	105	670	160	790	50	42	16	M 36
SNL 3060 G	300	320	320	280	551	280	105	670	160	790	50	42	16	M 36
SNL 3160 G	240	260	350	310	591	300	110	710	190	830	50	42	22	M 36
	280	300	350	310	591	300	110	710	190	830	50	42	22	M 36
	300	320	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3064 G	260	280	350	310	591	300	110	710	190	830	50	42	22	M 36
	320	340	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3164 G	260	290	370	330	631	320	115	750	200	880	50	42	23	M 36
	300	320	370	330	631	320	115	750	200	880	50	42	23	M 36
	320	340	370	330	631	320	115	750	200	880	50	42	23	M 36
SNL 3068 G	340	360	370	330	631	320	115	750	200	880	50	42	23	M 36
SNL 3168 G	320	340	400	360	675	340	120	810	220	950	50	42	24	M 36
SNL 3072 G	360	380	370	330	631	320	115	750	200	880	50	42	23	M 36

SNL 3100-3000 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

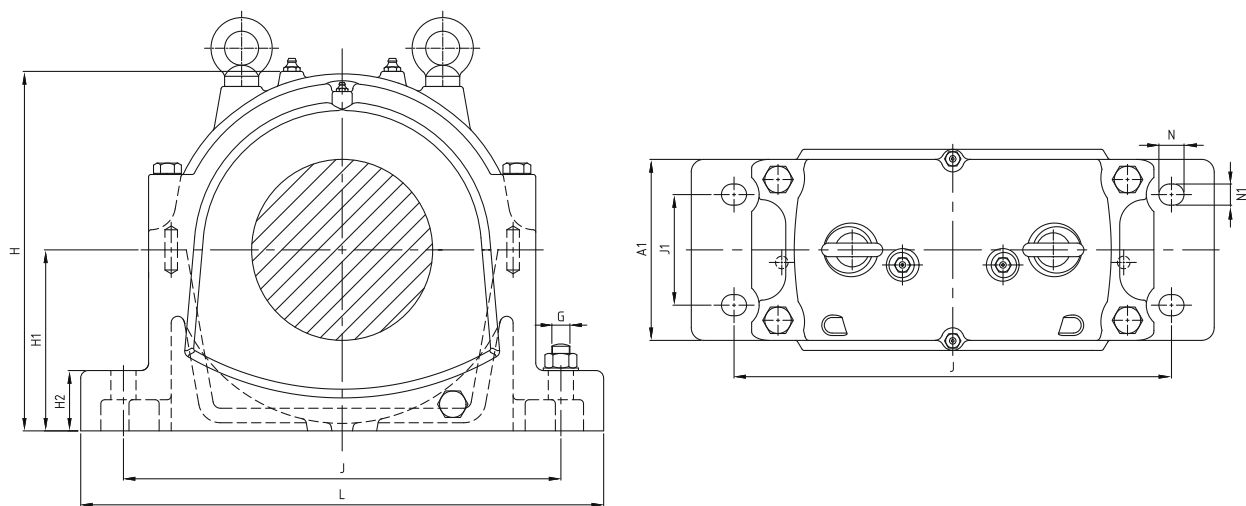


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia		Approx Weight KG	Bearing Seating				EYE BOLT	Appropriate Bearing	Locating Ring Size
da	db		Ca	D	A2	A3			
240	260	221	164	440	330	414	M 24	22248 CC/W33	2 FRB 22/440
260	280	221	164	440	330	414	M 24	23152 CC/W33	2 FRB 10/440
200	220	221	166	420	330	413	M 24	22340 CC/W33	2 FRB 14/420
280	300	221	166	420	330	413	M 24	23056 CC/W33	6 FRB 10/420
220	240	252	166	460	330	412	M 24	22344 CC/W33	2 FRB 10.5/460
280	300	252	166	460	330	412	M 24	23156 CC/W33	2 FRB 10/460
300	320	252	168	460	330	412	M 24	23060 CC/W33	2 FRB 25/460
240	260	301	180	500	360	442	M 30	22348 CC/W33	2 FRB 12.5/500
280	300	301	180	500	360	442	M 30	22256 CC/W33	2 FRB 25/500
300	320	301	180	500	360	442	M 30	23160 CC/W33	2 FRB 10/500
260	280	301	181	480	360	443	M 30	22252 CC/W33	2 FRB 25.5/480
320	340	301	181	480	360	443	M 30	23064 CC/W33	6 FRB 10/480
260	290	339	196	540	380	462	M 30	22352 CC/W33	2 FRB 15.5/540
300	320	339	196	540	380	462	M 30	22260 CC/W33	2 FRB 28/540
320	340	339	196	540	380	462	M 30	23164 CC/W33	2 FRB 10/540
340	360	339	197	520	380	461	M 30	23068 CC/W33	4 FRB 16/520
320	340	430	190	580	410	491	M 30	22264 CC/W33	2 FRB 20/580
360	380	339	198	540	380	461	M 30	23072 CC/W33	4 FRB 16/540

SNL 3100-3000 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

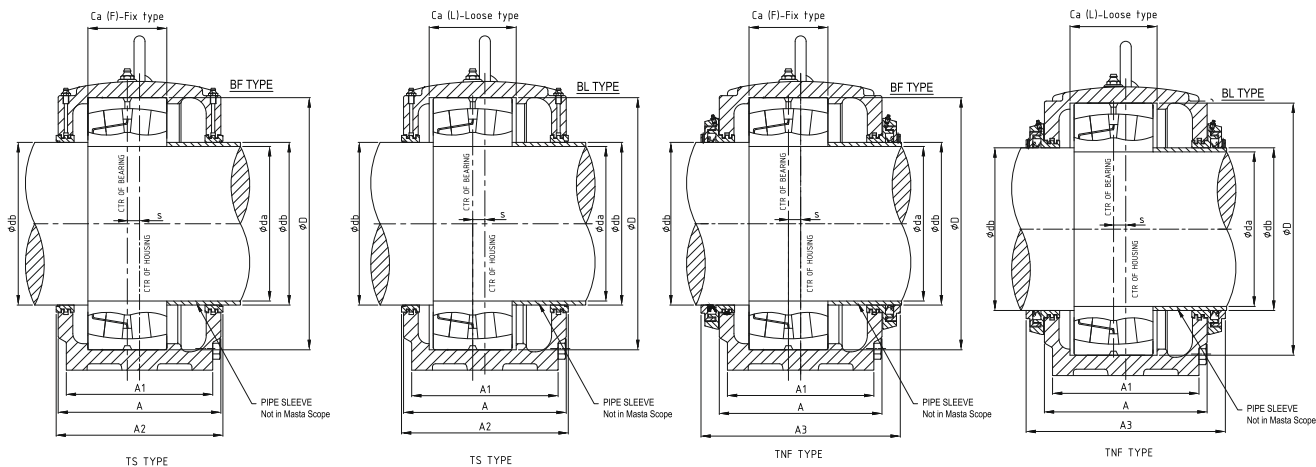


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia		Dimension in MM											
	da	db	A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3168 G	340	360	400	360	675	340	120	810	220	950	50	42	24	M 36
SNL 3076 G	380	400	400	360	675	340	120	810	220	950	50	42	24	M 36
SNL 3172 G	360	380	400	360	695	350	120	840	220	1000	50	42	30	M 36
SNL 3080 G	400	430	400	360	695	350	120	840	220	1000	50	42	30	M 36
SNL 3176 G	380	400	400	360	715	360	120	870	220	1040	50	42	30	M 36
SNL 3084 G	420	450	400	360	715	360	120	870	220	1040	50	42	30	M 36
SNL 3180 G	360	390	430	390	755	380	125	950	240	1120	60	48	30	M 42
	400	430	430	390	755	380	125	950	240	1120	60	48	30	M 42
SNL 3088 G	440	470	430	390	755	380	125	950	240	1120	60	48	30	M 42
SNL 3184 G	420	450	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3092 G	460	500	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3096 G	480	510	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3188 G	440	470	460	430	835	420	135	1030	260	1220	60	48	35	M 42
SNL 30/500 G	500	530	460	430	835	420	135	1030	260	1220	60	48	35	M 42
SNL 3192 G	460	500	470	440	880	440	145	1070	260	1280	60	48	35	M 42
SNL 3196 G	480	520	470	440	920	460	155	1110	260	1330	70	56	35	M 48
SNL 30/530 G	530	560	470	440	920	460	155	1110	260	1330	70	56	35	M 48

SNL 3100-3000 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

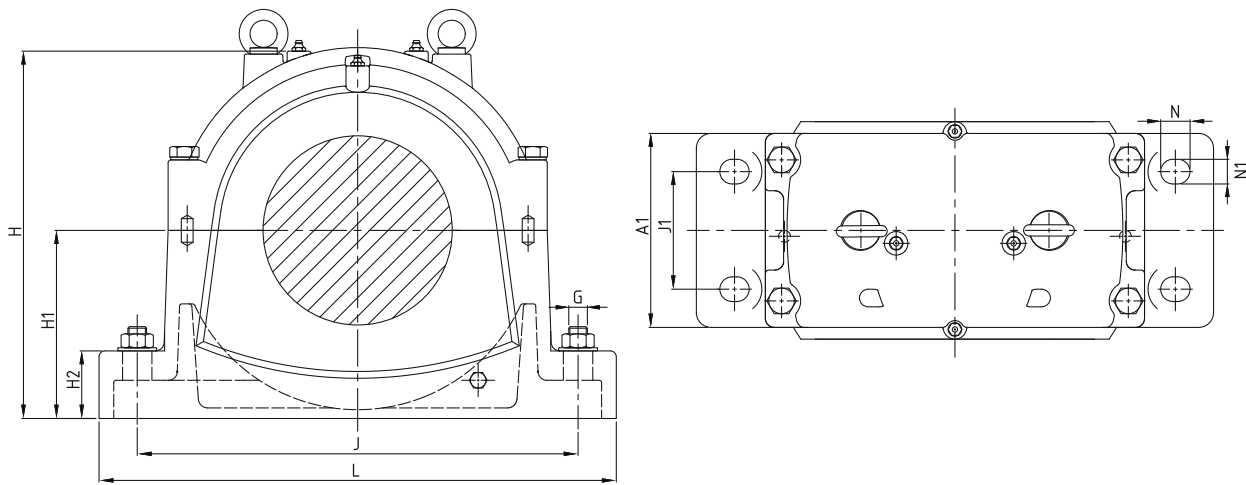


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia		Approx Weight	Bearing Seating Ca					EYE BOLT	Appropriate Bearing	Locating Ring Size
da	db	KG	F- Fix	L- Loose	D	A2	A3			
340	360	430	190	210	580	410	491	M 30	23168 CC/W33	-
380	400	430	135	180	560	410	492	M 30	23076 CC/W33	-
360	380	458	192	212	600	410	491	M 36	23172 CC/W33	-
400	430	458	148	192	600	410	492	M 36	23080 CC/W33	-
380	400	473	194	214	620	410	491	M 36	23176 CA/W33	-
420	450	473	150	194	620	410	492	M 36	23084 CA/W33	-
360	390	595	-	220	650	440	521	M 42	22272 CA/W33	2 FRB 25/650
400	430	595	200	220	650	440	521	M 42	23180 CA/W33	-
440	470	595	157	200	650	440	522	M 42	23088 CA/W33	-
420	450	716	224	244	700	470	551	M 42	23184 CJ/W33	-
460	500	716	163	224	680	470	552	M 42	23092 CA/W33	-
480	510	716	165	224	700	470	562	M 42	23096 CA/W33	-
440	470	755	226	246	720	470	552	M 42	23188 CA/W33	-
500	530	755	167	226	720	470	551	M 42	230/500 CA/W33	-
460	500	865	240	260	760	480	562	M 48	23192 CA/W33	-
480	520	941	248	268	790	480	561	M 48	23196 CA/W33	-
530	560	947	185	248	780	480	551	M 48	230/530 CA/W33	-

SNL 3200 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

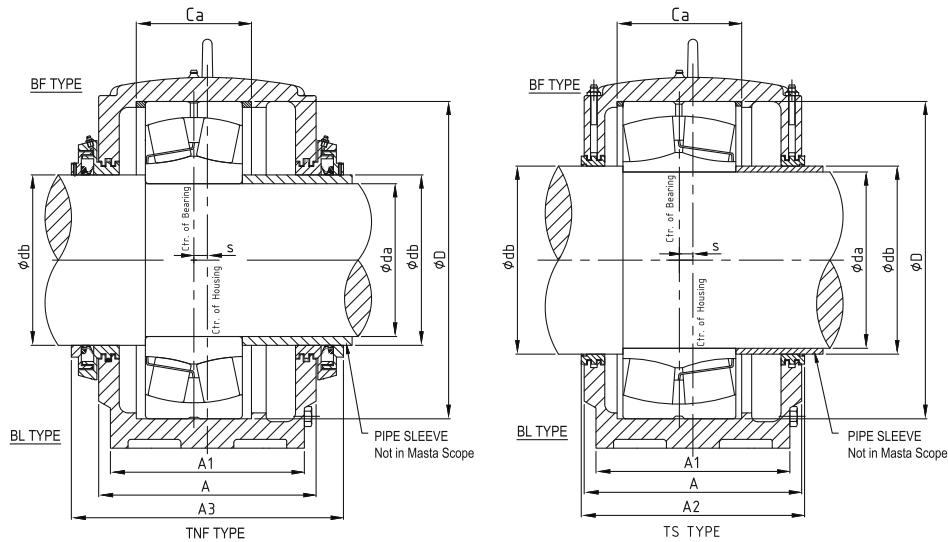


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia		Dimension in MM											
	da	db	A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3234 G	170	190	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3236 G	180	200	260	210	375	190	80	480	120	560	34	28	10	M 24
SNL 3238 G	190	210	280	230	411	210	85	510	130	610	42	35	10	M 30
SNL 3240 G	200	220	290	240	434	220	90	540	140	640	42	35	12	M 30
SNL 3244 G	220	240	310	260	474	240	95	600	150	700	42	35	12	M 30
SNL 3248 G	240	260	320	280	516	260	100	650	160	770	50	42	13	M 36
SNL 3252 G	260	280	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3256 G	280	300	350	310	591	300	110	710	190	830	50	42	22	M 36
SNL 3260 G	300	320	370	330	631	320	115	750	200	880	50	42	23	M 36

SNL 3200 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

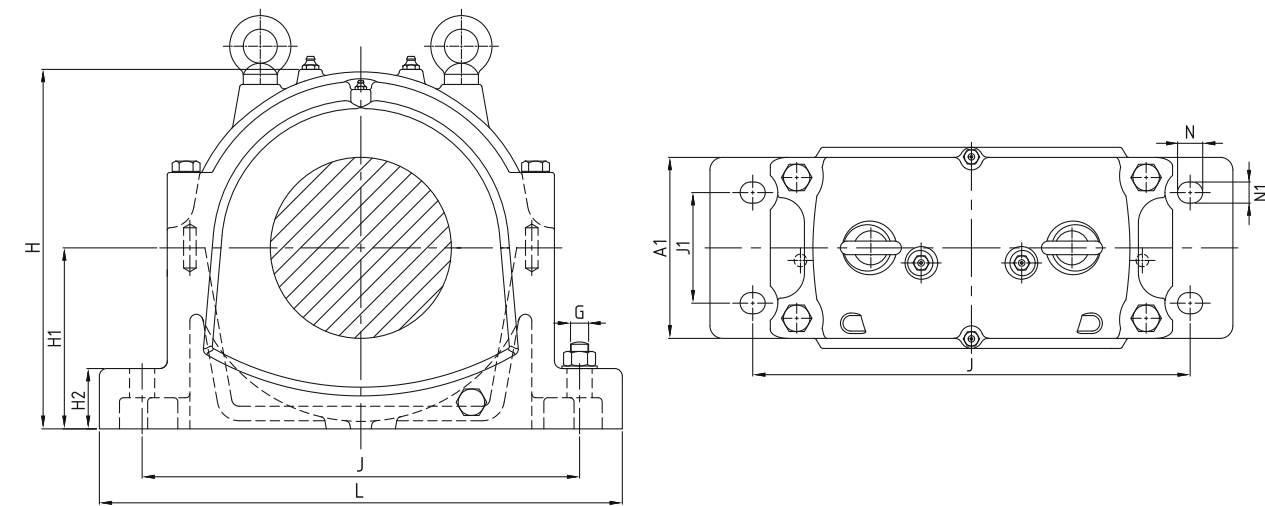


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia		Approx Weight	Bearing Seating				EYE BOLT	Appropriate Bearing	Locating Ring Size
da	db	KG	Ca	D	A2	A3			
170	190	97.5	122	310	270	331	M 20	23234 CC/W33	2 FRB 6/310
180	200	97.5	124	320	270	334	M 20	23236 CC/W33	2 FRB 6/320
190	210	123	132	340	290	351	M 20	23238 CC/W33	2 FRB 6/340
200	220	139	140	360	300	383	M 20	23240 CC/W33	2 FRB 6/360
220	240	187	164	400	315	404	M 24	23244 CC/W33	2 FRB 10/400
240	260	221	180	440	330	414	M 24	23248 CC/W33	2 FRB 10/440
260	280	301	194	480	360	443	M 30	23252 CC/W33	2 FRB 10/480
280	300	301	196	500	360	442	M 30	23256 CC/W33	2 FRB 10/500
300	320	339	212	540	380	462	M 30	23260 CC/W33	2 FRB 10/540

SNL 3200 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore

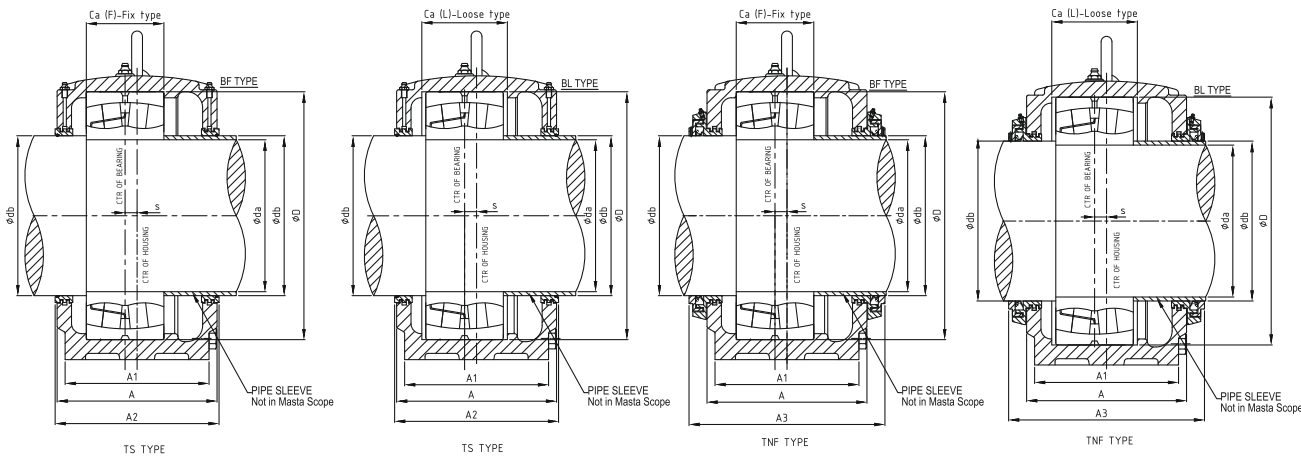


BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Plummer Blocks Designation	Shaft dia		Dimension in mm											
	da	db	A	A1	H	H1	H2	J	J1	L	N	N1	S	G
SNL 3264 G	320	340	400	360	675	340	120	810	200	950	50	42	24	M 36
SNL 3268 G	340	370	400	360	715	360	120	870	220	1040	50	42	30	M 36
SNL 3272 G	360	390	430	390	755	380	125	950	240	1120	60	48	30	M 42
SNL 3276 G	380	410	460	420	810	410	130	1000	260	1170	60	48	35	M 42
SNL 3280 G	400	430	460	430	835	420	135	1030	260	1220	60	48	35	M 42
SNL 3284 G	420	460	470	440	880	440	145	1070	260	1280	60	48	35	M 42
SNL 3288 G	440	480	470	440	920	460	155	1110	260	1330	70	56	35	M 48

SNL 3200 G SERIES

Plummer Blocks (Bearing Housings)
For Bearings with Cylindrical Bore



BF TYPE-Through Shaft, Located Bearing
BL TYPE-Through Shaft, Non-Located Bearing

Shaft dia		Approx Weight KG	Bearing Seating Ca					EYE BOLT	Appropriate Bearing
da	db		F- Fix	L- Loose	D	A2	A3		
320	340	430	208	228	580	410	491	M 30	23264 CC/W33
340	370	473	224	244	620	410	491	M 36	23268 CA/W33
360	390	595	232	252	650	440	521	M 42	23272 CA/W33
380	410	716	240	260	680	470	552	M 42	23276 CA/W33
400	430	755	256	276	720	470	552	M 42	23280 CA/W33
420	460	865	272	292	760	480	562	M 48	23284 CA/W33
440	480	947	280	300	790	480	561	M 48	23288 CA/W33