

The BND housings are designed for grease lubrication.

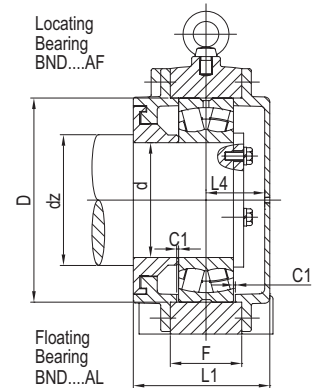
The standard material for the housing bodies is cast steel.

Housing bodies of spheroidal cast iron is available upon request.

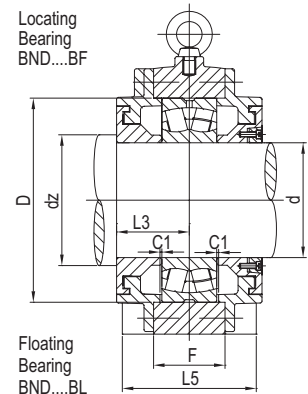
Plummer block housings of series BND are sealed with labyrinths.

On request FSQ supply also Taconite seals (T) where a V ring is integrated in the labyrinth. The seals must be separately re-greasible.

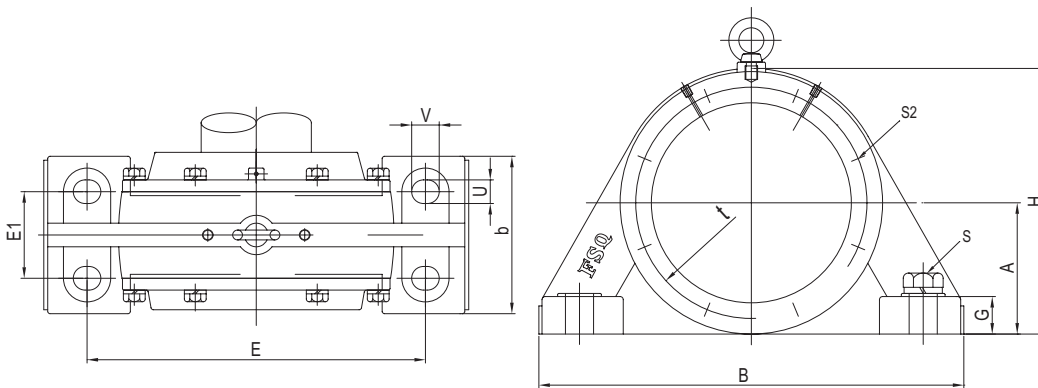
for bearings with cylindrical bore
(labyrinth seal)



Design A

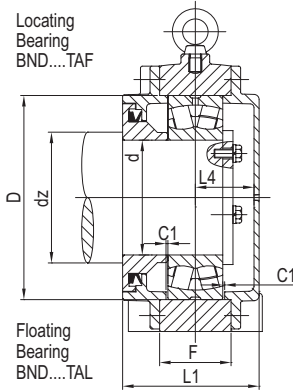


Design B



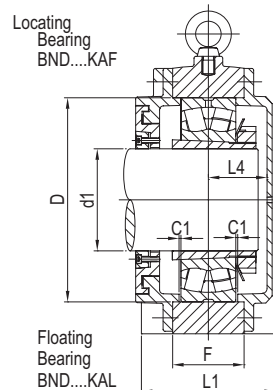
Housing No.	Shaft Dia				Dimensions mm											
	d	d1 mm	dc min	dz min	D	B	b	G	F	A	L1	L2	L3	L4	L5	
BND3024	120	110	118	128	180	370	110	35	60	115	126	146	63	57	126	
BND3026	130	115	123	138	200	410	120	38	70	130	133	156	68	59	136	
BND3028	140	125	133	148	210	430	130	40	70	140	136	156	68	61	136	
BND3030	150	135	143	158	225	455	140	42	80	145	149	176	78	64	156	
BND3032	160	140	148	168	240	480	150	45	85	155	156	181	78	71	156	
BND3034	170	150	158	178	260	510	160	50	90	165	166	191	83	75	166	
BND3036	180	160	168	188	280	540	170	52	100	180	176	201	88	80	176	
BND3038	190	170	178	198	290	570	180	55	105	185	181	211	93	80	186	
BND3040	200	180	188	208	310	600	190	60	110	200	196	226	98	90	196	
BND3044	220	200	212	232	340	640	200	65	115	215	206	241	103	95	206	
BND3048	240	220	232	252	360	680	210	70	120	225	216	251	108	100	216	
BND3052	260	240	256	276	400	720	220	75	130	250	226	261	113	103	226	
BND3056	280	260	276	296	420	760	240	80	135	260	236	281	118	108	236	
BND3060	300	280	296	316	460	820	250	85	140	285	261	296	128	121	256	
BND3064	320	300	316	336	480	860	260	90	150	295	266	311	133	123	266	
BND3068	340	320	340	360	520	900	270	95	160	315	276	311	133	132	266	
BND3072	360	340	360	380	540	960	280	100	170	330	290	325	140	138	280	
BND3076	380	360	380	400	560	1000	300	105	160	340	294	329	142	141	284	
BND3080	400	380	400	420	600	1060	320	110	175	360	310	355	150	145	300	
BND3084	420	400	420	440	620	1100	340	115	180	375	310	350	150	149	300	

for bearings with cylindrical bore
(Taconite seal)



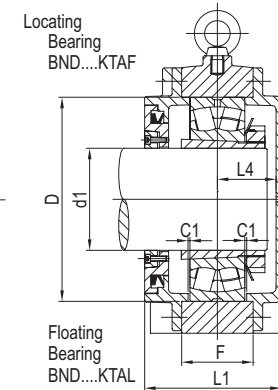
Design A

for bearings with tapered bore and
adapter sleeve(labyrinth seal)



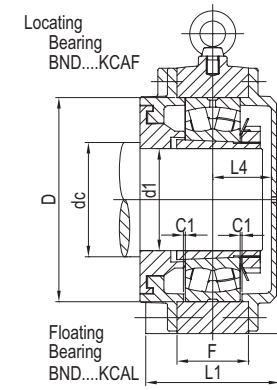
Design A

for bearings with tapered bore
adapter sleeve(taconite seal)

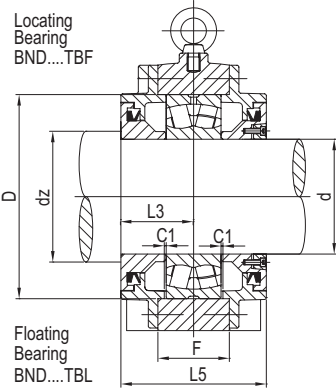


Design A

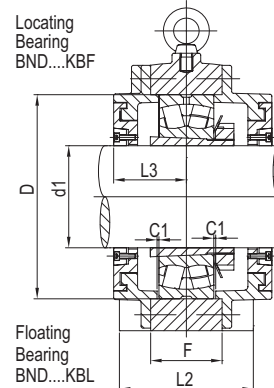
for bearings with tapered bore and
adapter sleeve, and for shaft with
aboutment shoulders(labyrinth seal)



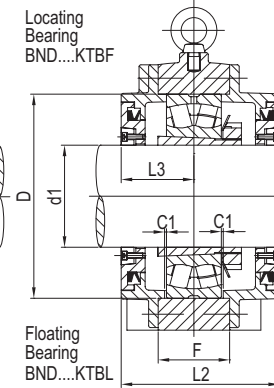
Design A



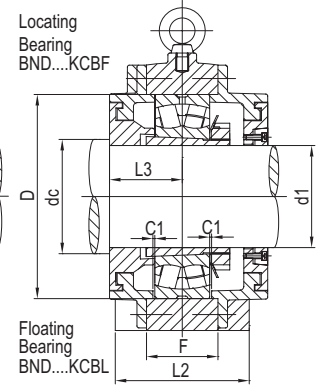
Design B



Design B



Design B



Design B

H	E	E1	S2	S2 Q'ty	C1	t	U	V	Bolts S	Adapter Sleeve	Housing Weight (kg)	Bearing No.
230	300	60	M8	8	2.5	205	25	35	M20	H3024	20	23024
260	340	60	M10	8	2	225	25	35	M20	H3026	30	23026
275	360	70	M10	8	3	240	30	35	M24	H3028	35	23028
290	370	80	M12	8	3	250	30	35	M24	H3030	40	23030
310	390	90	M12	8	3	265	30	35	M24	H3032	45	23032
330	420	95	M12	8	2	285	36	45	M30	H3034	70	23034
360	450	100	M12	8	3	310	36	45	M30	H3036	70	23036
370	480	105	M12	8	3	325	36	45	M30	H3038	80	23038
400	510	110	M16	8	3	340	36	45	M30	H3040	95	23040
430	540	115	M16	8	3	375	42	52	M36	H3044X	100	23044
455	560	120	M16	8	4	400	42	52	M36	H3048	130	23048
500	600	130	M16	8	4	440	42	52	M36	H3052X	160	23052
520	630	140	M16	8	4	460	42	52	M36	H3056	180	23056
570	690	150	M16	8	4	510	42	52	M36	H3060	220	23060
590	730	160	M16	8	4	530	42	52	M36	H3064	250	23064
630	770	170	M20	8	5	565	42	52	M36	H3068	300	23068
660	820	180	M20	8	5	590	42	52	M36	H3072	330	23072
680	840	190	M20	8	7	610	56	52	M48	H3076	360	23076
720	900	210	M20	8	7	650	56	75	M48	H3080	400	23080
755	940	210	M20	8	7	670	56	75	M48	H3084	435	23084