

The BND housings are designed for grease lubrication.

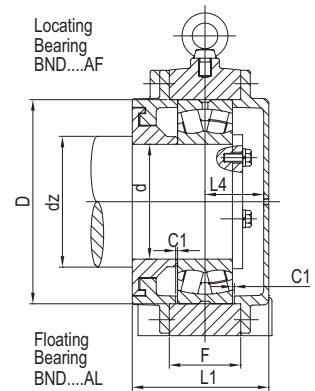
The standard material for the housing bodies is cast steel.

Housing bodies of spheroidal cast iron is available upon request.

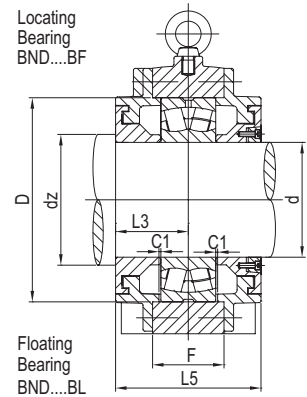
Plummer block housings of series BND are sealed with labyrinths.

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

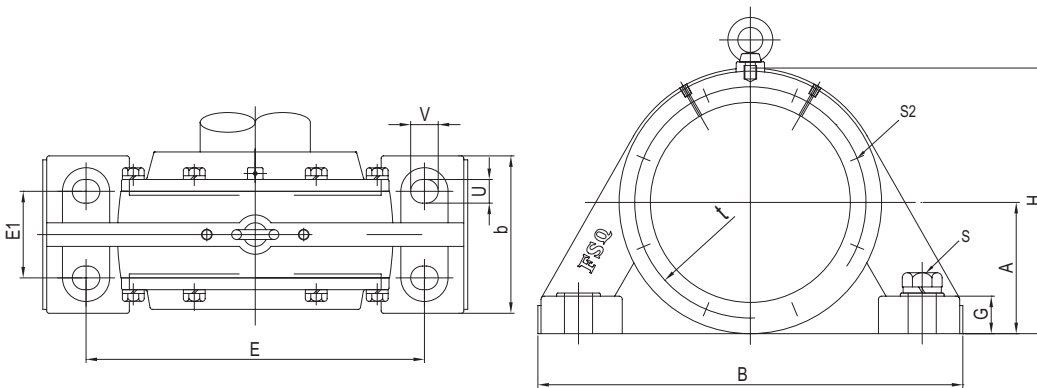
for bearings with cylindrical bore  
(labyrinth seal)



Design A

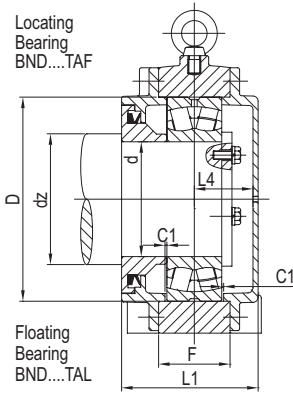


Design B



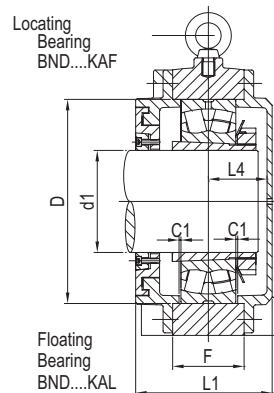
Housing No.	Shaft Dia				Dimensions mm											
	d	d1 mm	dc min	dz min	D	B	b	G	F	A	L1	L2	L3	L4	L5	
BND3122	110	100	108	118	180	400	140	40	80	130	146	171	78	62	156	
BND3124	120	110	118	128	210	410	150	40	85	140	160	180	80	74	160	
BND3126	130	115	123	138	225	430	150	40	90	145	165	190	85	72	170	
BND3128	140	125	133	148	250	470	160	45	95	155	170	190	85	77	170	
BND3130	150	135	143	158	270	580	200	60	102	170	186	206	93	85	186	
BND3132	160	140	148	168	280	540	200	55	110	180	200	230	105	87	210	
BND3134	170	150	158	178	300	570	200	55	120	190	215	250	115	90	230	
BND3136	180	160	172	192	320	600	200	58	125	200	220	250	115	95	230	
BND3138	190	170	182	202	320	600	210	65	130	210	232	266	123	98	246	
BND3140	200	180	192	212	340	710	220	85	135	220	242	278	124	108	248	
BND3144	220	200	216	236	370	780	240	75	150	235	252	291	134	110	268	
BND3148	240	220	236	256	400	890	250	80	160	270	284	334	152	122	304	
BND3152	260	240	256	276	440	900	250	90	174	290	292	335	150	132	300	
BND3156	280	260	280	300	460	900	250	90	176	290	294	337	151	133	302	
BND3160	300	280	300	320	500	1000	300	100	190	320	327	384	172	143	344	
BND3164	320	300	320	340	540	1150	300	100	210	350	359	412	186	161	372	
BND3168	340	320	340	360	580	1150	360	115	220	370	373	421	183	178	366	
BND3172	360	340	360	380	600	1200	370	115	225	380	400	450	200	188	400	
BND3176	380	360	380	400	620	1200	380	125	230	390	404	459	202	190	404	
BND3180	400	380	404	424	650	1280	400	130	235	410	405	465	200	193	400	
BND3184	420	400	424	444	700	1350	420	135	260	450	440	510	210	215	420	

for bearings with cylindrical bore  
(Taconite seal)



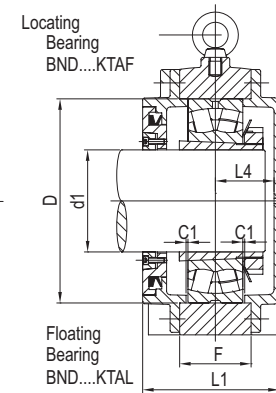
Design A

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



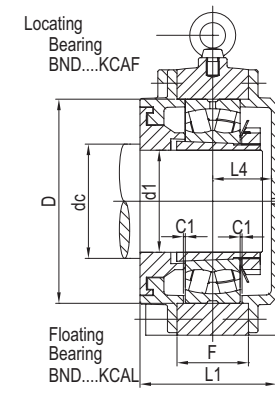
Design A

for bearings with tapered bore  
adapter sleeve(taconite seal)

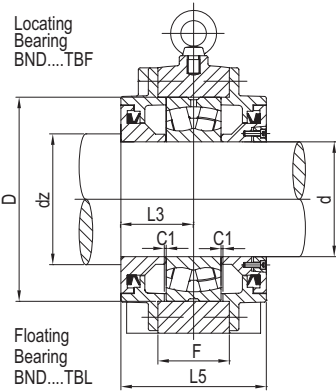


Design A

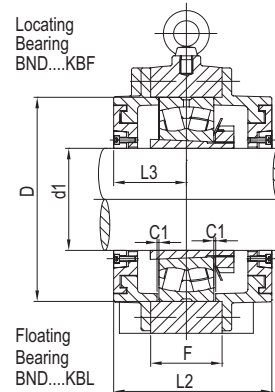
for bearings with tapered bore and  
adapter sleeve, and for shaft with  
aboutment shoulders(labyrinth seal)



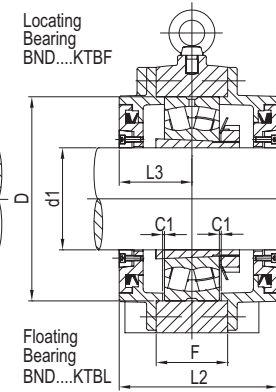
Design A



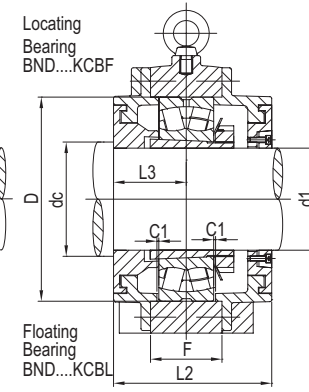
Design B



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.
263	300	80	M12	8	2.5	215	25	35	M20	H3122	40	23122
280	330	80	M12	8	2.5	235	25	35	M20	H3124	50	23124
295	350	80	M12	8	3	245	25	35	M20	H3126	55	23126
315	380	85	M12	8	3	270	25	35	M20	H3128	60	23128
345	450	110	M12	8	2	285	30	35	M24	H3130	70	23130
360	430	110	M16	8	3	310	30	35	M24	H3132	80	23132
380	470	110	M12	8	3	330	36	45	M30	H3134	100	23134
395	490	105	M16	8	3	350	36	45	M30	H3136	110	23136
425	550	120	M16	8	3	370	36	45	M30	H3138	125	23138
455	560	120	M16	8	3	380	42	52	M36	H3140	170	23140
475	640	140	M16	8	4	420	42	52	M36	H3144X	190	23144
550	720	140	M20	8	4	455	42	52	M36	H3148X	280	23148
585	750	140	M20	8	4	510	42	52	M36	H3152X	310	23152
585	750	140	M20	8	4	510	42	52	M36	H3156X	335	23156
645	840	170	M24	8	4	555	42	52	M36	H3160	400	23160
700	940	160	M24	8	4	590	42	52	M48	H3168	520	23168
760	1000	200	M24	8	4	650	56	75	M48	H3172	600	23172
790	1000	200	M30	8	5	680	64	85	M56	H3176	720	23176
820	1040	210	M30	8	5	710	72	90	M64	H3180	750	23180
900	1100	210	M30	8	7	760	64	90	M56	H3184	950	23184