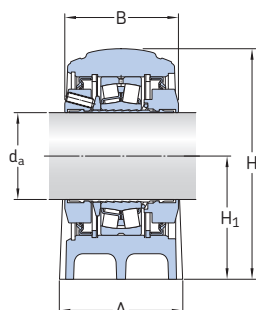
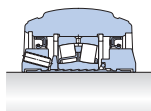


16.1 SKF ConCentra roller bearing units with a plummer block housing, metric shafts

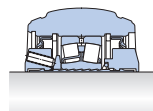
d_a 35 – 100 mm



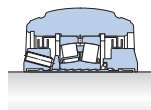
General variant



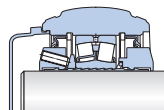
Extreme environment variant
Designation suffix TF



Relubrication-free variant
Designation suffix W



High-speed variant
Designation suffix TS

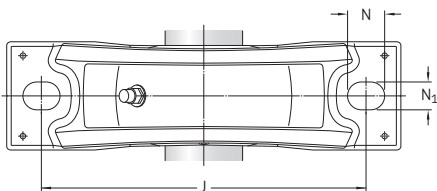
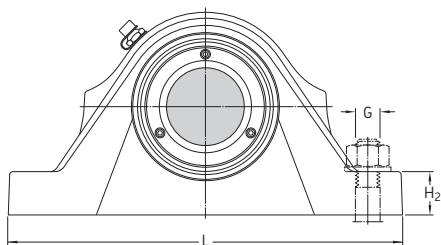


End cover

Shaft diameter d_a	Bearing unit Designation ¹⁾		Bearing Designation	Basic load ratings		Fatigue load limit	End cover Designation
	Locating	Non-locating		dynamic	static		
d_a				C	C_0	P_u	
mm	–	–	–	kN		kN	–
35	SYNT 35 F	SYNT 35 L	22207 E	86,5	85	9,3	ECY 207
40	SYNT 40 F	SYNT 40 L	22208 E	96,5	90	9,8	ECY 208
45	SYNT 45 F	SYNT 45 L	22209 E	102	98	10,8	ECY 209
50	SYNT 50 F	SYNT 50 L	22210 E	104	108	11,8	ECY 210
55	SYNT 55 F	SYNT 55 L	22211 E	125	137	13,7	ECY 211
60	SYNT 60 F	SYNT 60 L	22212 E	156	166	18,6	ECY 212
65	SYNT 65 F	SYNT 65 L	22213 E	193	216	24	ECY 213
70	SYNT 70 F	SYNT 70 L	22214 E	208	228	25,5	ECY 214
75	SYNT 75 F	SYNT 75 L	22215 E	212	240	26,5	ECY 215
80	SYNT 80 F	SYNT 80 L	22216 E	236	270	29	–
90	SYNT 90 F	SYNT 90 L	22218 E	325	375	39	–
100	SYNT 100 F	SYNT 100 L	22220 E	425	490	49	–

¹⁾ General variant. (For other variants, the appropriate designation suffix should be added.)

²⁾ Also refer to **diagram 4** on **page 681**.



Shaft diameter d_s	Limiting speeds of unit variants				Dimensions										Mass Unit
	General	High-speed	Extreme environment	Relubrication-free ²⁾	Bearing unit										
					A	B	H	H ₁	H ₂	J	L	N	N ₁	G	
mm	r/min				mm										kg
35	4 100	6 500	2 050	4 100	60	65	111	60	25	170	205	20	15	12	3,8
40	3 800	5 900	1 900	3 800	60	65	114	60	25	170	205	20	15	12	3,8
45	3 500	5 400	1 750	3 500	60	65	118	60	25	170	205	20	15	12	4
50	3 300	4 900	1 650	3 300	70	65	131	70	28	210	255	24	18	16	5,8
55	3 100	4 500	1 550	3 100	70	66	137	70	30	210	255	24	18	16	6
60	2 900	4 100	1 450	2 900	80	71	151	80	30	230	275	24	18	16	7,7
65	2 700	3 800	1 350	2 700	80	72	158	80	30	230	280	24	18	16	8,7
70	2 600	3 600	1 300	2 600	90	72	176	95	32	260	315	28	22	20	11
75	2 500	3 300	1 250	2 500	90	72	180	95	32	260	320	28	22	20	12
80	2 300	3 100	1 150	2 300	100	72	191	100	35	290	345	28	22	20	20
90	2 100	2 800	1 050	2 100	110	86	216	112	40	320	380	32	26	24	21
100	2 000	2 500	1 000	2 000	120	86	238	125	45	350	410	32	26	24	26