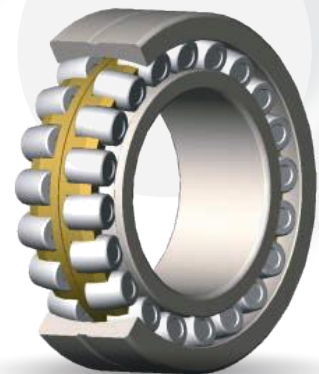




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Bearings in these applications are subjected to very severe operating conditions. The shaking actions of vibrating equipment subjects the bearings to very heavy loads, including impact loads. Additional load is created by higher “g” forces generated by acceleration in the application. Bearings are higher speed operated.

MA –brass cage guided on outer ring

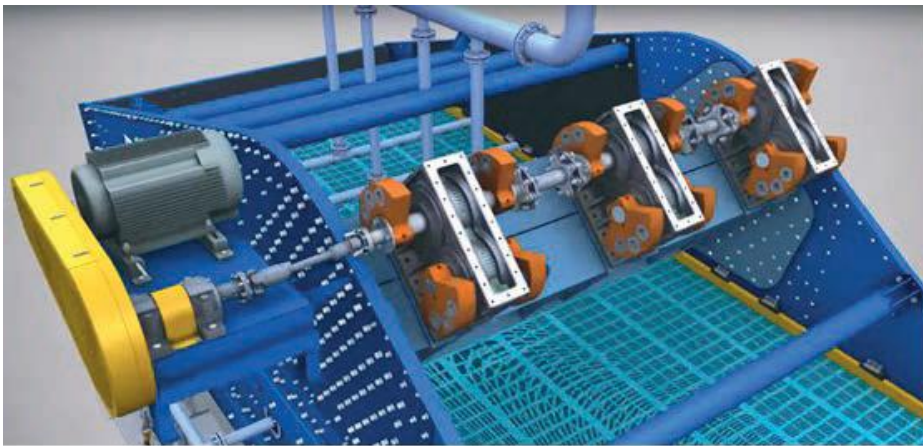
C4F80 – special clearance and tolerance for bore and OR.

W33 – Lubrication groove and holes

Optional:

K – tapered bore

S1...S4 – higher temperature running



Designation	Dimension, d/D/B [mm]	rs min	Cr	COr	Speed limit grease	oil	Mass [kg]	Grease quantity, [g]
22208 MAC4F80W33	40/80/23	1,1	78	87	4400	5800	0,65	3
22308 MAC4F80W33	40/90/33	1,5	125	135	3800	5000	1,02	16
22309 MAC4F80W33	45/100/36	1,5	150	175	3400	4500	1,42	21
22310 MAC4F80W33	50/110/40	2	177	202	3000	4000	1,85	28
22211 MAC4F80W33	55/100/25	1,5	94	107	3600	4600	0,91	10
22311 MAC4F80W33	55/120/43	2	220	225	2800	3600	2,44	51
22312 MAC4F80W33	60/130/46	2,1	260	310	2600	3400	3,07	50
22213 MAC4F80W33	65/120/31	2,1	165	200	2800	3600	1,65	21
22313 MAC4F80W33	65/140/48	2,1	280	330	2400	3200	3,52	58
22314 MAC4F80W33	70/150/51	2,1	340	420	2200	2800	4,32	70
22315 MAC4F80W33	75/160/55	2,1	380	475	1900	2600	5,28	85
22316 MAC4F80W33	80/170/58	2,1	410	500	1800	2400	6,33	100
22317 MAC4F80W33	85/180/60	3	230	295	1700	2200	7,88	120
22318 MAC4F80W33	90/190/64	3	530	670	1700	2200	9,20	145
22319 MAC4F80W33	95/200/67	3	570	740	2000	2000	10,22	170
22320 MAC4F80W33	100/215/73	3	670	880	1400	1800	13,02	200
22322 MAC4F80W33	110/240/80	3	800	1060	1300	1700	17,97	280
23222 MAC4F80W33	110/200/69,8	2,1	570	840	1200	1600	9,77	160
22324 MAC4F80W33	120/260/86	3	930	1230	1100	1500	23,93	340
22226 MAC4F80W33	130/230/64	3	600	880	1500	2000	11,75	175
22326 MAC4F80W33	130/280/93	4	1080	1450	1100	1400	28,82	440
22328 MAC4F80W33	140/300/102	4	1240	1720	1000	1300	36,00	490
23328 MAC4F80W33	140/300/118	4	1200	1700	1100	1500	42,23	635
22330 MAC4F80W33	150/320/108	4	1400	1940	1200	1600	44,40	625
22332 MAC4F80W33	160/340/114	4	1520	2160	900	1200	50,26	720
23332 MAC4F80W33	160/340/136	4	1540	2200	1000	1400	61,85	960
22334 MAC4F80W33	170/360/120	4	1690	2380	850	1100	60,11	930
22336 MAC4F80W33	180/380/126	4	1900	2700	850	1100	71,87	1020
22338 MAC4F80W33	190/400/132	5	1860	2500	750	1000	82,56	1200
23238 MAC4F80W33	190/340/120	4	1610	2640	750	1000	48,78	710
22340 MAC4F80W33	200/420/138	5	1910	2750	670	900	97,28	1360
22248 MAC4F80W33	240/440/120	4	1845	2763	750	1000	84,46	1145

