68 Series

Designation				Principal dimensions□mm□					Basic load ratings(N)		Basic load ratings{kgf}		Speed ratings(rpm)			Abutment and fillet dimensions (mm)						Weight(g)	
With shiled	Open type	With seal VV	With seal DD	d	D	B	B1	r(min)	Cr	Cor	Cr	Cor	Grease		Oil	da(min)	db(max)	Da(Max)	Db(min)	ra(max)	rb(max)	Open type	With shiled
													ZZ	D·D	Z								
681	-	-	-	1	3	1	-	0.05	80	23	8	2.5	130000	-	150000	1.4	-	2.6	-	0.05	-	0.03	-
681X	681XZZ	-	-	1.5	4	12	2	0.05	112	33	11	3.5	100000	-	120000	1.9	2.1	3.6	3.6	0.05	0.05	0.07	0.11
682	682ZZ	-	-	2	5	15	23	0.08	169	50	17	5	85000	-	100000	2.6	2.7	4.4	4.2	0.08	0.08	0.12	0.17
682X	682XZZ	-	-	2.5	6	18	2.6	0.08	208	74	21	7.5	71000	-	80000	3.1	3.7	5.4	5.4	0.08	0.08	0.23	0.29
683A	683AZZ	-	-	3	7	2	3	0.1	390	130	40	13	63000	-	75000	3.8	4	6.2	6.4	0.1	0.1	0.32	0.45
684A	684AZZ	-	-	4	9	2.5	4	-0.15	640	225	65	23	53000	-	63000	4.8	5.2	8.2	8.1	0.1	0.1	0.63	1.01
685	685ZZ	-	-	5	11	3	5	0.15	715	281	73	29	45000	-	53000	6.2	6.2	9.8	9.9	0.15	0.15	1.2	1.96
686A	686AZZ	686AVV	686ADD	6	13	3.5	5	0.15	1080	440	110	45	40000	38000	50000	7.2	7.4	11.8	11.7	0.15	0.15	1.91	2.69
687	687ZZ1	687VV	687DD	7	14	3.5	5	0.15	1170	510	120	52	40000	34000	45000	8.2	8.5	12.8	12.7	0.15	0.15	2.13	2.97
688A	688AZZ1	688AVV	688ADD	8	16	4	5	0.2	1610	710	164	73	36000	28000	43000	9.6	10.2	14.4	14.2	0.2	0.2	3.12	4.02
689	689ZZ1	689VV	689DD	9	17	4	5	0.2	1330	665	136	68	36000	24000	43000	10.6	11.5	15.4	15.2	0.2	0.2	3.53	4.43