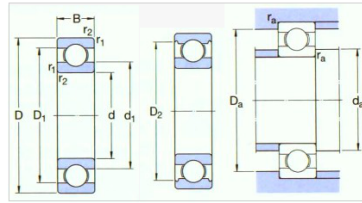


# 63 Series



select	Inquiry	Designation		Principal dimensions [mm]						Basic load ratings (N)		Basic load ratings {kgf}		Speed ratings (rpm)			Abutment and fillet dimensions (mm)						Weight (g)		
		With shielded	Open type	With seal VV	With seal DD	d	D	B	B1	r (min)	Cr	Cor	Cr	Cor	Grease ZZ	Oil D-D	Z	da (min)	db (max)	Da (Max)	Db (min)	ra (max)	rb (max)	Open type	With shielded
633	633ZZ	-	-	3	13	5	5	0.2	1300	485	133	49	40000	-	48000	4.6	6	11.4	11.3	0.2	0.2	3.38	3.33		
634	634ZZ1	-	-	4	16	5	5	0.3	1730	670	177	68	36000	-	43000	6	7.5	14	13.8	0.3	0.3	5.24	5.21		
635	635ZZ1	635VV	635DD	5	19	6	6	0.3	2340	885	238	90	32000	30000	40000	7	8.5	17	16.5	0.3	0.3	8.56	8.34		
636	636ZZ	636VV	636DD	6	22	7	7	0.3	3300	1370	335	140	30000	28000	36000	8	10.5	20	19	0.3	0.3	14	14		
637	637ZZ1	637VV	637DD	7	26	9	9	0.3	4550	1970	465	201	28000	22000	34000	9	12.8	24	22.8	0.3	0.3	24	25		
638	638ZZ1	638VV	638DD	8	28	9	9	0.3	4550	1970	465	201	28000	22000	34000	10	12.8	26	22.8	0.3	0.3	28.3	28.6		
639	639ZZ	639VV	-	9	30	10	10	0.6	5100	2390	520	244	24000	-	30000	13	16.1	26	25.6	0.6	0.6	36.5	36		