

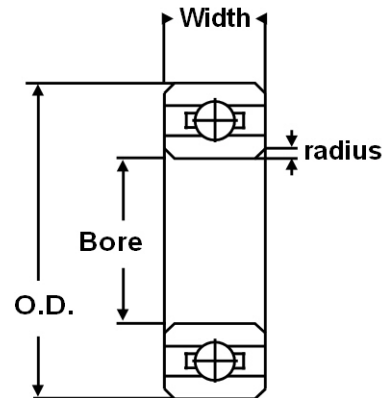


# Popular Metric Bearings

*Metric series to fit shaft sizes from 10mm up to 45mm*

*Chrome steel (see also Larger Stainless Steel types)*

Available in SAE52100 chrome steel (for stainless steel types see separate page) these can withstand heavy radial loads and moderate thrust loads in both directions.



Bore	O.D.	r.min.	Width	Open	Shielded	Sealed	Max Load (kgf)		RPM (x1000)
				SMB Ref	SMB Ref	SMB Ref	Dyn	Stat	
<i>Dimensions in mm.</i>									
<i>Max loads: actual loads should be well below figures shown for acceptable bearing life (see Technical)</i>									
<i>Max RPM: will be reduced for certain lubricants, closures, loads etc (see Technical)</i>									
10	26	0.3	8	6000	6000ZZ	6000-2RS	460	210	33
	30	0.6	9	6200	6200ZZ	6200-2RS	525	260	27
	35	0.6	11	6300	6300ZZ	6300-2RS	810	380	24
12	28	0.3	8	6001	6001ZZ	6001-2RS	525	260	30
	32	0.6	10	6201	6201ZZ	6201-2RS	685	330	25
	37	1	12	6301	6301ZZ	6301-2RS	980	460	22
12.7	32	0.6	10	6201-1/2	6201ZZ-1/2	6201-2RS-1/2	685	330	25
	35	0.6	11	6202-1/2	6202ZZ-1/2	6202-2RS-1/2	775	405	22
	40	0.6	12	6203-1/2	6203ZZ-1/2	6203-2RS-1/2	960	520	20
13	32	0.6	10	6201-13	6201ZZ-13	6201-2RS-13	685	330	25
15	32	0.3	9	6002	6002ZZ	6002-2RS	560	300	25
	35	0.6	11	6202	6202ZZ	6202-2RS	775	405	22
	42	1	13	6302	6302ZZ	6302-2RS	1160	590	18
15.875	35	0.6	11	6202-5/8	6202ZZ-5/8	6202-2RS-5/8	775	405	22
	40	0.6	12	6203-5/8	6203ZZ-5/8	6203-2RS-5/8	960	520	20



# Popular Metric Bearings

*Metric series to fit shaft sizes from 10mm up to 45mm*

*Chrome steel (see also Larger Stainless Steel types)*

Bore	O.D.	r.min.	Width	Open	Shielded	Sealed	Max Load (kgf)		RPM (x1000)
				SMB Ref	SMB Ref	SMB Ref	Dyn	Stat	
16	35	0.6	11	6202-16	6202ZZ-16	6202-2RS-16	775	405	22
	40	0.6	12	6203-16	6203ZZ-16	6203-2RS-16	960	520	20
17	35	0.3	10	6003	6003ZZ	6003-2RS	605	350	23
	40	0.6	12	6203	6203ZZ	6203-2RS	960	520	20
	47	1	14	6303	6303ZZ	6303-2RS	1370	725	16
19.05	40	0.6	12	6203-3/4	6203ZZ-3/4	6203-2RS-3/4	960	520	20
	47	1	14	6204-3/4	6204ZZ-3/4	6204-2RS-3/4	1310	720	16
20	42	0.6	12	6004	6004ZZ	6004-2RS	950	550	18
	47	1	14	6204	6204ZZ	6204-2RS	1310	720	16
	52	1.5	15	6304	6304ZZ	6304-2RS	1610	860	14
22.225	47	1	14	6204-7/8	6204ZZ-7/8	6204-2RS-7/8	1310	720	16
25	47	0.6	12	6005	6005ZZ	6005-2RS	1020	630	16
	52	1	15	6205	6205ZZ	6205-2RS	1425	855	14
	62	2	17	6305	6305ZZ	6305-2RS	2100	1230	12
25.4	52	1	15	6205-1	6205ZZ-1	6205-2RS-1	1425	855	14
30	55	1	13	6006	6006ZZ	6006-2RS	1335	890	13
	62	1	16	6206	6206ZZ	6206-2RS	1960	1290	11
	72	1.1	19	6306	6306ZZ	6306-2RS	2710	1560	10



# Popular Metric Bearings

*Metric series to fit shaft sizes from 10mm up to 45mm*

*Chrome steel (see also Larger Stainless Steel types)*



Bore	O.D.	r.min.	Width	Open	Shielded	Sealed	Max Load (kgf)		RPM (x1000)
				SMB Ref	SMB Ref	SMB Ref	Dyn	Stat	
35	62	1	14	6007	6007ZZ	6007-2RS	1625	1050	10
	72	1.1	17	6207	6207ZZ	6207-2RS	2600	1570	9
40	68	1	15	6008	6008ZZ	6008-2RS	1710	1190	10
	80	1.1	18	6208	6208ZZ	6208-2RS	2970	1830	9
45	75	1	16	6009	6009ZZ	6009-2RS	1810	1230	9