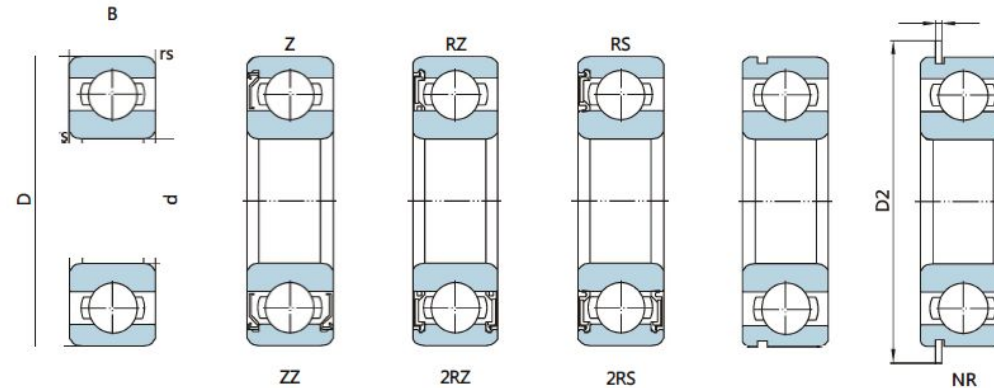


ZYS 6400 series deep groove ball bearing

6400 series deep groove ball bearing is the most commonly used bearing type, which is suitable for high-speed applications. It mainly bears radial load, but when the radial clearance of the bearing increases, it has certain performance of angular contact ball bearing and can withstand combined radial and axial loads. When the rotational speed is high and thrust ball bearings are not suitable, it can be also used to withstand pure axial loads. These bearings have small friction coefficient and high limit speed.



Bearing Model						Dimension					Basic Load rating (kN)		Weight (kg)	
Standard type	shield	seal		With snap ring groove	With snap ring	d	D	B	r _{min}	D2 (max)	F max	Cr	Cor	
6405	--	--	--	N	NR	25	80	21	1.5	86.6	1.7	35.8	19.3	0.530
6406	--	--	--	N	NR	30	90	23	1.5	96.5	2.46	43.6	23.6	0.738
6407	--	--	--	N	NR	35	100	25	1.5	106.5	2.46	55.3	31.0	0.951
6408	--	--	--	N	NR	40	110	27	2	116.6	2.46	63.7	36.5	1.25
6409	--	--	--	N	NR	45	120	29	2	129.7	2.82	76.1	45.0	1.55
6410	--	--	--	N	NR	50	130	31	2.1	139.7	2.82	87.1	52.0	1.90
6411	--	--	--	N	NR	55	140	33	2.1	149.7	2.82	99.5	62.0	2.30



6412	--	--	--	N	NR	60	150	35	2.1	159.7	2.82	114	70.1	2.73
6413	--	--	--	N	NR	65	160	37	2.1	169.7	2.82	119	78.0	3.30
6414	--	--	--	N	NR	70	180	42	3	192.9	3.1	143	104	4.85
6415	--	--	--	N	NR	75	190	45	3	202.9	3.1	153	114	6.80
6416	--	--	--	N	NR	80	200	48	3	212.9	3.1	163	125	8.00
6417	--	--	--	N	NR	85	210	52	4	222.8	3.1	174	134	9.50
6418	--	--	--	N	NR	90	225	54	4	237	3.5	186	146	11.5