

ZYS THRUST ANGULAR CONTACT BALL BEARING

ZYSN and ZYSF series thrust angular contact ball bearings are precision bearings, mainly used for screw drive. It is a complete bearing unit consisting of a whole outer ring, two inner rings, steel balls, cages and sealing rings.

After assembly, the bearing is O - shaped (DB) with a contact Angle of 60. It can withstand both axial and radial loads by applying a preload through a precision lock nut.

The bearings are sealed on both sides, grease lubricated and designed with relubrication structure. The cage is made of polyamide PA66-GF25 material and can work continuously for a long time under the working temperature below 120C.

ZYSFA-ZRS SERIES thrust angular contact ball bearings

Lip seal on both sides with flat flange for bolt mounting

Bearing model	Weight (kg)	Dimension (mm)											Fixing screw		Basic rated load (KN)				Limit speed (r/min)
		d	D	B	d1	D1	r _{min.}	r1 _{min.}	B1	d2	J	A		Quantity	Dynamic Ca	Static Coa	Dynam ic Ca	Static Coa	
ZYSFA1575-2RS	0.53	15	45	32	28	75	0.3	0.6	18	6.8	58	55	M6	4	16	25	33	75	2350
ZYSFA2082-2RS	0.7	20	52	35	34.5	80	0.3	0.6	19	6.8	63	62	M6	4	23.4	42	40	99	2000
ZYSFA2590-2RS	0.9	25	57	38	40.5	90	0.3	0.6	22	8.8	75	70	M8	6	24.8	50	47	130	1800

ZYSFA3010 0-2RS	1	30	62	38	45.5	10 0	0.3	0.6	22	8.8	80	72	M8	6	26	58	50	148	1600
ZYSFA3011 0-2RS	2.5	30	75	56	51	11 0	0.3	0.6	35	8.8	95	85	M8	8	53	97	95	231	1400
ZYSFA4011 5-2RS	1.5	40	72	42	58	11 5	0.3	0.6	23	8.8	94	90	M8	6	39	91	66	204	1350
ZYSFA4014 0-2RS	4.2	40	90	60	65	14 0	0.3	0.6	35	11	11 8	11 0	M1 0	8	65	134	113	327	1100