

CROSS ROLLER BEARINGS CATALOGUES, TYPES & SIZES TECHNOLOGIES: LINEAR BEARINGS ASSEMBLIES, MANUFACTURERS! THIN WALL CROSS ROLLER RINGS, CROSS ROLLER BALL BEARINGS ETC.



MANUFACTURERS OF CROSSED ROLLER TABLES, THIN WALL BEARINGS, CROSS ROLLER BALL BEARINGS, SLEWING RINGS! SUPPLIERS OF CROSS ROLLER RINGS, LINEAR GUIDEWAYS, LINEAR GUIDES IN CHINA.

the types of crossed roller bearings are available in RA, RB, RU, RE, SX, CRBC, CRBF, CRBH, CRBS, CRBT, XSU etc. crossed roller bearings are often used in joints and rotating parts of industrial robots, rotary tables of machining centers, hospital equipment, military, etc. crossed roller bearings have high rigidity, and the accuracy can reach P5, P4, P2 level.



cross roller bearings, cross bearings, joint bearings, rotary table bearings, wind turbine bearings, motor bearings, linear bearings, cross roller bearings, high-grade precision cylinder, one-way clutch, roller

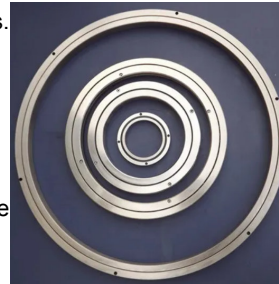


one-way clutch, robot, robot bearings, precision instrument bearings, rotary table, automated production lines, wind turbines, new energy projects, environmental protection motor, high-speed table bearings, precision rotary table bearings, linear bearings, crossed roller bearings, joint bearings, precision rotary table bearings, precision main shaft bearings, high precision bearings.



RU cross roller bearings, RU cross roller rings, custom cross roller bearings

RU type crossed roller bearing (inner and outer ring integrated type), because the mounting holes have been processed, there is no need for flanges and support seats. Since the RU model crossed roller



bearing adopts an integrated inner ring structure with a seat, installation has almost no impact on performance, so stable rotation accuracy and torque can be obtained. Can be used for outer and inner ring rotation

RU cross roller bearings, RU cross roller rings, custom cross roller bearings

home
products
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equipments
customized rolls
small short rollers
cross roller bearings
robot bearings
fuel pump roller
linear guides
wedge blocks
V chamfering
cylindrical roller bearings
steel balls
dowel pins
CNC parts
valve balls
tungsten pins
bearing steel
needle rollers
cylindrical rollers

bearing types	inner diameter	outer diameter	cross rollers	width	oil hole	chamfer
RU28	10	52	28	8	3.1	0.3
RU42	20	70	41.5	12	3.1	0.3
RU57	25	80	57	12	3.1	0.6
RU66	35	95	66	15	3.1	0.6
RU85	55	120	85	15	3.1	0.6
RU124(G)	80	165	124	22	3.1	1
RU124X	80	165	124	22	3.1	1
RU148(G)	90	210	147.5	25	3.1	1
RU148X	90	210	147.5	25	3.1	1.5
RU178(G)	115	240	178	28	3.1	1.5
RU178X	115	240	178	28	3.1	1.5
RU228(G)	160	295	227.5	35	6	2
RU228X	160	295	227.5	35	6	2
RU297(G)	210	380	297.3	40	6	2
RU297X	210	380	297.3	40	6	2.5
RU445(G)	350	540	445.4	45	6	
RU445X	350	540	445.4	45	6	2.5
RU cross roller bearings, RU cross roller rings,custom cross roller bearings,precision cross roller bearings						

SX cross roller bearings, SX cross roller rings, custom cross roller bearings

SX type crossed roller bearing (split outer ring type, for inner ring rotation) Its structure is similar to the RB crossed roller bearing series. The outer ring is a two-part structure, connected by three fixed rings, and the inner ring is designed in an integrated manner, which is suitable for applications requiring high rotation accuracy of the inner ring. parts.

SX cross roller bearings, SX cross roller rings, custom cross roller bearings,precision cross roller rings

bearing types	inner diameter	outer diameter,	cross rollers	width	oil hole	chamfer
SX011814	70	90	80	10	1.2	0.6
SX011818	90	115	102	13	1.2	1
SX011820	100	125	112	13	1.2	1
SX011824	120	150	135	16	1.5	1
SX011828	140	175	157	18	1.5	1.1
SX011832	160	200	180	20	1.5	1.1
SX011836	180	225	202	22	2	1.1
SX011840	200	250	225	24	2	1.5
SX011848	240	300	270	28	2.2	
SX011860	300	380	340	38	2.5	2.1
SX011868	340	420	380	38	2.5	2.1
SX011880	400	500	450	46	2.5	2.5
SX0118/500	500	620	560	56	2.5	33
SX cross roller bearings, SX cross roller rings, custom cross roller bearings,precision cross roller rings						

RA cross roller bearings, RA cross roller rings, custom cross roller bearings

RA series crossed roller bearings (split outer ring type, for inner ring rotation): This series of bearings is a compact type that reduces the thickness of the inner and outer rings of the RB type to the limit. Suitable for parts that require light weight and compact design, such as rotating parts of robots and manipulators

RA cross roller bearings, RA cross roller rings,RAU cross roller bearings, RAU cross roller rings.

types	inner diameter	outer diameter,	rollers	width	oil hole A	oil hole B
RA5008	50	66	57	8	2	0.8
RA6008	60	76	67	8	2	0.8

RA cross roller bearings, RA cross roller rings,RAU cross roller bearings, RAU cross roller rings.

RA7008	70	86	77	8	2	0.8
RA8008	80	96	87	8	2	0.8
RA9008	90	106	97	8	2	0.8
RA10008	100	116	107	8	2	0.8
RA11008	110	126	117	8	2	0.8
RA12008	120	136	127	8	2	0.8
RA13008	130	146	137	8	2	0.8
RA14008	140	156	147	8	2	0.8
RA15008	150	166	157	8	2	0.8
RA16013	160	186	172	8	2	0.8
RA17013	170	196	182	8	2	0.8
RA1801	180	206	192	8	2	0.8
RA19013	190	216	202	8	2	0.8
RA20013	200	226	212	8	2	0.8
RA8008C	80	96	87	8	1.5	1.5
RA9008C	90	106	97	8	1.5	1.5
RA10008C	100	116	107	8	1.5	1.5
RA11008C	110	126	117	8	1.5	1.5
RA12008C	120	136	127	8	1.5	1.5
RA13008C	130	146	137	8	1.5	1.5
RA14008C	140	156	147	8	1.5	1.5
RA15008C	150	166	157	8	1.5	1.5
RA16013C	160	186	172	13	2	2
RA17013C	170	196	182	13	2	2
RA18013C	180	206	192	13	2	2
RA19013C	190	216	202	13	2	2
RA20013C	200	226	212	13	2	2
RA cross roller bearings, RA cross roller rings,RAU cross roller bearings, RAU cross roller rings.						

RB cross roller bearings, RB cross roller rings,

RB type crossed roller bearings (integral inner ring, separate outer ring) bearing features: high precision: the accuracy can reach P4, P2 level; high rigidity: this series of bearings are preloaded; high load-bearing: can withstand axial load , radial load, overturning load. Small size: This bearing is small in size, which can save space for the host.

RB cross roller bearings, RB cross roller rings

types	inner diameter	outer diameter	rollers	width
RB2508	25	41	32	8
RB3010	30	55	41.5	10
RB3510	35	60	46.5	10
RB4010	40	65	51.5	10
RB4510	45	70	56.5	10
RB5013	50	80	64	13
RB6013	60	90	74	13
RB7013	70	100	84	13
RB8016	80	120	98	16
RB9016	90	130	108	16
RB10016	100	140	119.3	16
RB10020	100	150	123	20
RB11012	110	135	121.8	12
RB11015	110	145	126.5	15
RB11020	110	160	133	20
RB12016	120	150	134.2	16
RB12025	120	180	148.7	25
RB13015	130	160	144.5	15
RB13025	130	190	158	25
RB14016	140	175	154.8	16
RB14025	140	200	168	25
RB15013	150	180	164	13
RB15025	150	210	178	25
RB15030	150	230	188	30
RB16025	160	220	188.6	25
RB17020	170	220	191	20
RB18025	180	240	210	25
RB19025	190	240	211.9	25
RB20025	200	260	230	25
RB20030	200	280	240	30
RB20035	200	295	247.7	35
RB22025	220	280	250.1	25
RB24025	240	300	269	25
RB25025	250	310	277.5	25
RB25030	250	330	287.5	30
RB25040	250	355	300.7	40
RB30025	300	360	328	25
RB30035	300	395	345	35
RB30040	300	405	351.6	40
RB35020	350	400	373.4	20
RB40035	400	480	440.3	35
RB40040	400	510	453.4	40
RB45025	450	500	474	25
RB50025	500	550	524.2	25
RB50040	500	600	548.8	40
RB50050	500	625	561.6	50
RB60040	600	700	650	40
RB70045	700	815	753.5	45
RB80070	800	950	868.1	70
RB90070	900	1050	969	70
RB1000110	1000	1250	1114	70
RB1250110	1250	1500	1365.8	70

RB cross roller bearings, RB cross roller rings, custom cross roller bearings, custom cross roller rings, precision cross roller bearings,

RE type cross roller bearings,RE type cross roller rings,custom cross roller bearings

RE type crossed roller bearing (separated inner ring, integral outer ring) is also the basic type of crossed roller bearing. the overall dimensions are the same as the RB type crossed roller bearing , but the structure is an integral outer ring and the inner ring is divided into two pieces. It is most suitable for Used when the inner ring rotation accuracy is required

RE cross roller bearings, RE crossed roller rings,custom cross roller bearings,precision crossed roller rings

types	inner diameter	outer diameter	rollers	width	Oil hole A	Oil hole B	Chamfer
RE2508	25	41	34	8	2	0.8	0.5
RE3010	30	55	43.5	10	2.5	1	0.6
RE3510	35	60	48.5	10	2.5	1	0.6
RE4010	40	65	53.5	10	2.5	1	0.6
RE4510	45	70	58.5	10	2.5	1	0.6
RE5013	50	80	66	13	2.5	1.6	0.6
RE6013	60	90	76	13	2.5	1.6	0.6
RE7013	70	100	86	13	2.5	1.6	0.6
RE8016	80	120	101.4	16	3	1.6	0.6
RE9016	90	130	112	16	3	1.6	1
RE10016	100	140	121.1	16	3	1.6	1
RE10020	100	150	127	20	3.5	1.6	1
RE11012	110	135	123.3	12	2.5	1	0.6
RE11015	110	145	129	15	3	1.6	0.6
RE11020	110	160	137	20	3.5	1.6	1
RE12016	120	150	136	16	3	1.6	0.6
RE12025	120	180	152	25	3.5	2	1.5
RE13015	130	160	146	15	3	1.6	0.6
RE13025	130	190	162	25	3.5	2	1.5
RE14016	140	175	160	16	3	1.6	1
RE14025	140	200	172	25	3.5	2	1.5
RE15013	150	180	166	13	2.5	1.6	0.6
RE15025	150	210	182	25	3.5	2	1.5
RE15030	150	230	192	30	4.5	3	1.5
RE16025	160	220	192	25	3.5	2	1.5
RE17020	170	220	196.1	20	3.5	1.6	1.5
RE18025	180	240	210	25	3.5	2	1.5
RE19025	190	24	0 219	25	3.5	1.6	1
RE20025	200	260	230	25	3.5	2	2
RE20030	200	280	240	30	4.5	3	2
RE20035	200	295	247.7	35	5	3	2
RE22025	220	280	250.1	25	3.5	2	2
RE24025	240	300	272.5	25	3.5	2	2.5
RE25025	250	310	280.9	25	3.5	2 2	.5
RE25030	250	330	287.5	30	4.5	3	2.5
RE25040	250	355	300.7	40	6	3.5	2.5
RE30025	300	360	332	25	3.5	2	2.5
RE30035	300	395	345	35	5	3	2.5
RE35020	350	400	376.6	20	3.5	1.6	2.5
RE40035	400	480	440.3	35.5	3.5	2.5	
RE40040	400	510	453.4	40	6	3.5	2.5
RE45025	450	500	476.6	25	3.5	1.5	1
RE50025	500	550	526.6	25	3.5	1.5	1
RE50040	500	600	548.8	40	6	3.5	2.5
RE50050	500	625	561.6	50	6	3.5	2.5
RE60040	600	70	0 650	40	6	4	3

RE cross roller bearings, RE crossed roller rings,custom cross roller bearings,precision crossed roller rings

RA cross roller bearings, RA cross roller rings, custom cross roller bearings

HRB cross roller bearings, HRB cross roller rings,
custom cross roller bearings, HSX cross roller rings

HRB type crossed roller bearings	HRB30025, HRB30035, HRB30040,HRB35020, HRB40035,HRB40040, HRB45025,HRB50025, HRB50040, HRB50050, HRB60040, HRB70045, HRB80070, HRB90070, HRB1000110, HRB1250110
HRU type crossed roller bearings	HRU28, HRU42, HRU66, HRU85, HRU124X, HRU124(G), HRU148X, HRU148(G), HRU178X, HRU178(G), HRU228X, HRU228(G), HRU297X, HRU297(G),HRU445X, HRU445(G)
HSX type crossed roller bearings	HSX011814, HSX011818,HSX011820, HSX011824, HSX011828, HSX011832, HSX011836, HSX011840, HSX011848, HSX011860,HSX011868, HSX011880, HSX0118/500
HRB cross roller bearings, HRB cross roller rings, custom cross roller bearings, HSX cross roller rings	

crossed roller bearing is one of the commonly used robot bearings, it is a special type of bearing with outer ring rotation and inner ring division. due to its special structure, it can bear radial load, axial load and moment load and other multi-directional load. the size of crossed roller bearings can be miniaturized according to the requirements of the equipment, and the extremely thin form of bearings is close to the limit of the small sizes, thin wall cross roller bearings are widely used in robotics due to their unique characteristics, including their compact design, high rigidity, and precise motion capabilities.

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