



crossed tapered roller bearings

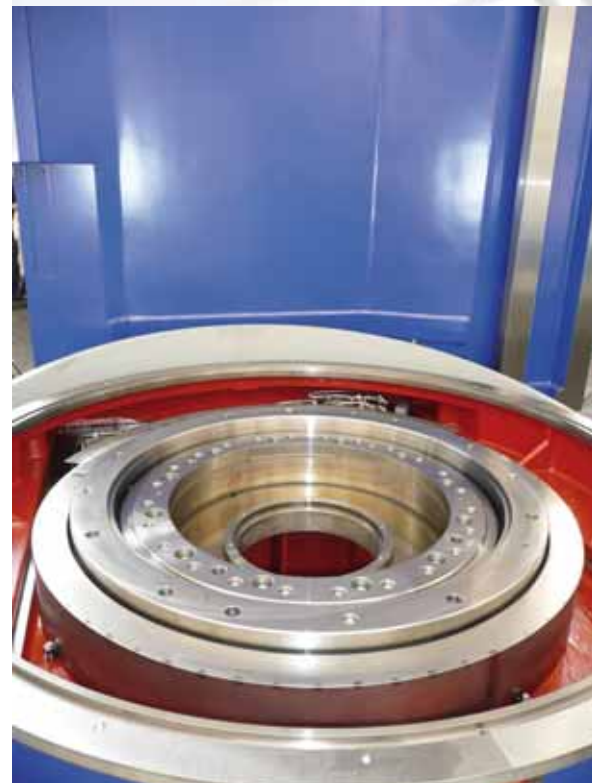


production program



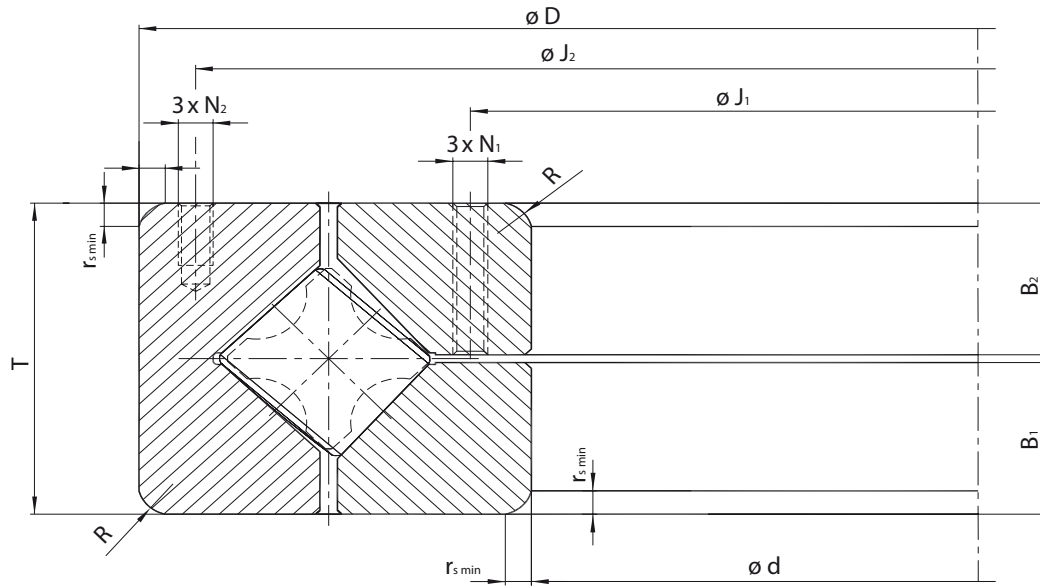
Characteristic of Crossed Tapered Roller Bearings

- Specific PN Designation = PSL 912-3XX (standard design without gearing and fastening holes)
- The design of the bearing comprises an outer ring, as well as a split inner ring with tapered rollers and spacers
- The bearings are capable of accommodating combined axial and radial loads, as well as tilting torque



- Principal dimensions follow generally used standards, guaranteeing interchangeability
- High quality bearing steel is used to produce the rings of the bearings
- The bearings can be used in a variety of applications, in particular those requiring high precision, along with high rigidity and velocity, such as arrangements used on lathe clamping tables, machining centers, drilling machines, milling machines and positioners





Dimensions			Max. Speed	Designation	Weight	Other Data						
d	D	T	n		G	$N_1; N_2$	J_1	J_2	B_1	B_2	r_s	R
mm			min^{-1}		kg	mm						
330,2	457,2	63,500	1200	PSL 912-309	36,2	M5	345,5	439	30,8	30,8	3,0	4,0
457,2	609,6	63,500	840	PSL 912-308	58,0	M6	483,0	590	30,8	30,8	2,5	3,3
580,0	760,0	80,000	630	PSL 912-304	106,0	M8	608,0	732	39,0	39,0	6,0	8,0
685,8	914,4	79,375	500	PSL 912-305	154,0	M10	730,0	880	38,7	38,7	4,0	5,0
901,7	1117,6	82,550	350	PSL 912-306	204,0	M12	940,0	1090	40,3	40,3	4,0	5,0
1028,7	1327,2	114,300	280	PSL 912-307	408,0	M16	1078,0	1290	55,9	55,9	4,0	5,0
1270,0	1524,0	95,250	250	PSL 912-303	375,0	M16	1316,0	1486	47,6	47,6	5,0	7,0
1879,6	2197,1	101,600	106	PSL 912-310	756,0	M16	1940,0	2160	49,8	49,8	6,0	8,0

Notes :
 $N_1; N_2$ – holes for handling eyebolts
 Values of maximal speed n are valid for circulating oil lubrication.





Headquarters and Production

PSL, a. s.
Robotnícka ul., 017 01 Považská Bystrica, Slovakia
Tel.: +421-42-4371 111, Fax: +421-42-4326 644
E-mail: pslpb@pslas.com
www.pslas.com



Sales to the USA

PSL of America, Inc.
2003 Case Parkway South
Twinsburg, Ohio 44087
USA
Tel.: +1-330-405-1888
Fax: +1-330-405-1398
E-mail: sales@pslamerica.com
www.pslamerica.com

Sales to West Europe

PSL Wälzlager GmbH
Waldstraße 23/B3
631 28 Dietzenbach
Germany
Tel.: +49-6074-8289 83 0
Fax: +49-6074-8289 83 31
E-mail: info@psl-gmbh.de

Sales to Russia

PSL OOO
ul. Krasnogo Mayaka 26
117 570 Moscow
Russia
Tel.: +7-495-925-6187
Fax: +7-495-925 6188
E-mail: pslopورا@yandex.ru