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XSU Series Crossed Roller Bearings

(Integrated Inner/Outer Ring Type, both for inner-ring rotation and outer-ring rotation)

Since the mounting holes are provided, this model does not require a presser flange or housing. In addition, because it has an integrated inner/outer ring structure and is equipped with washers, its performance is minimally affected by the mounting procedure, ensuring stable rotation accuracy and torque. This model can be used for both inner-ring rotation and outer-ring rotation.

shaft diameter	Model number	Main dimensions (mm)							Basic load rating(axial)		Basic load rating (radial)		Limiting speed	weight
		inner ring d	outer ring D	width B	nB	chamfer r (min)	①La	(DLi	Ca kN	Coa KN	Cr KN	Cor KN	r/min	Kg
130	XSU080168	130	205	25.4	12	1.1	190	145	66	240	42	96	227	3.3
150	XSU080188	150	225	25.4	16	1.1	210	165	71	275	46	110	203	3.7
180	XSU080218	180	255	25.4	20	1.1	240	195	77	315	49	127	175	4.3
220	XSU080258	220	295	25.4	24	1.5	280	235	84	375	54	151	148	5.1
280	XSU080318	280	355	25.4	28	1.5	340	295	93	465	59	185	120	6.3
360	XSU080398	360	435	25.4	36	2	420	375	106	590	68	236	96	7.8

For more information, please contact [Tedin's](#) technical center.