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XU 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.

Model number	Main dimensions (mm)								Basic load rating(axial)		Basic load rating(Radial)		weight Kg
	inner ring	outer ring	dp	width	La	na	Li	ni	Ca KN	Coa KN	Cr KN	Cor KN	
XU050077	40	112	77	22	97	6-φ 6.6	56	6-M8	22.4	29	14.3	14.2	1.4
XU060094	57	140	94	26	120	6-φ 9	70	6-M8	32.5	37.5	20.7	18.4	2.4
XU060111	76.2	145.79	111	15.87	133.1	8-φ 6.9	88.9	8-φ 6.9	36	44.5	22.8	21.5	1.2
XU080120	69	170	120	30	148	6-φ 9	90	6-M8	56	53	35.5	26	4
XU080149	101.6	196.85	149.6	22.22	177.8	16-φ 6.9	115.8	16-φ 6.9	63	66	40	32.5	3.6
XU120179	124.5	234	179	35	214	12-φ 11	144.5	12-φ 11	118	179	75	88	7
XU120222	140	300	222	36	270	12-M16	170	12-φ 18	133	275	85	131	12
XU160260	191	329	260	46	305	20-φ 14	215	20-φ 14	212	350	135	173	16
XU080264	215.9	311	264	25.4	295.3	12-φ 8.7	231.8	12-φ 8.7	85	117	54	57	6.9
XU160405	336	474	405	46	450	30-φ 14	360	30-φ 14	270	550	172	270	25
XU080430	380	480	430	26	462	20-φ 9	398	20-M10	110	280	70	138	12
XU300515	384	646	515	86	598	18-φ 26	432	18-φ 26	720	1370	455	670	115

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