



Unit: mm

Linear ball bearing stages
XYZ-axis

Position of Micrometer				
Specification	Side up	Side down	Central	Reversed
Code	C	CU	A	R

Specification		Detailed dimension from front side viewing											Detailed dimensions from right side viewing			
Type	A	H	C	K1	Q	J	F	E	B ± S (Movement)	N	D	G	G1	P		
MXYZ	25	36.5	37.1	15	8.5	7.7	11	6.8	25.1±3.2	16.8	10	7	10	6		
	30	44	37	17.5	8.5	7.7	11	7	22.6±3.2	17	10	7	10	6		
	40	67	58.5	20	10.6	11.2	18.5	12	24.3±6.5	21	13	9	13	10		
	50	62	58.5	25	10.6	11.2	18.5	12	19.3±6.5	20	13	9	13	10		
	60	57	58.5	24	10.5	11.2	18.5	12	14.3±6.5	21	13	9	13	10		
	70	61	58.5	29	11.5	11.2	18.5	12	9.3±6.5	12	13	10	14	10		
	80	60	85	55	14.5	11.2	24	17	33.3±12.5	20	13.5	10.8	16	10		
	100	80	99.5	67.5	14.5	11.2	24	17	18.3±12.5	36	13.5	10.8	16	10		

Model no.	Table size	Allowable Loading (kgf)	Straightness accuracy	Pitching	Yawing	Axis	Weight (kg)	Material	Surface finish
MXYZ25-S	25*25	5	5 μm	25"	15"	XYZ	0.21	SUS 440C	Electroless nickel plating
MXYZ30-S	30*30						0.29		
MXYZ40-S	40*40						0.72		
MXYZ50-S	50*50						1.06		
MXYZ60-S	60*60						1.38		
MXYZ70-S	70*70						2.06		
MXYZ80-S	80*80						2.96		
MXYZ100-S	100*100						4.99		