

Basic XY manipulation

XY Aligner (XYA)



The XYA provides basic X & Y manipulation for low duty-cycle applications where high precision is not required. Available in CF40 (2.75" OD) , CF63 (4.5" OD) and CF100 (6" OD) mounting flange options with clear bores of 38mm and 65mm respectively.

MultiBase KEY ADVANTAGES

- » CF40 mounting flange option provides 38mm clear bore
- » CF64 & CF100 mounting flange options provide 65mm clear bore
- » XY Stroke +/-10mm with 0.5mm repeatability

All options provide +/-10mm of manually actuated X & Y motion with typical repeatability of 0.5mm (based on mid position between 1mm increments). The XYA includes the ability to mount in any rotational position.



XYA63-63-H



XYA40-40-H

Where precision and/or motorisation are required the Multibase XY products are the right choice.



XYA40 Data

XYA40 SPECIFICATION	XYA40-40-H	XYA40-63-H
Travelling flange size	CF38 (2.75" OD) with M6 tapped holes	CF38 (2.75" OD) with M6 tapped holes
Fixed flange size	CF38 (2.75" OD) with M6 clear holes	CF63 (4.5" OD) with M8 clear holes
XY Travel	+/-10mm	+/-10mm
Clear Bore Diameter	38mm	38mm
Maximum Probe OD for full XY range	9.5mm	9.5mm
X Y Resolution & Repeatability	0.5mm (based on mid position between 1mm increments)	0.5mm (based on mid position between 1mm increments)
Max Axial Load	100N	100N
Max Cantilevered Load	10Nm	10Nm
Maximum Bakeout Temperature	2500C	2500C

XYA63 Data

XYA63 SPECIFICATION	XYA63-63-H	XYA63-100-H
Travelling flange size	CF63 (4.5" OD) with M8 tapped holes	CF63 (4.5" OD) with M8 tapped holes
Fixed flange size	CF63 (4.5" OD) with M8 clear holes	CF100 (6.0" OD) with M8 clear holes
XY Travel	+/-10mm	+/-10mm
Clear Bore Diameter	65mm	65mm
Maximum Probe OD for full XY range	36.5mm	36.5mm
X Y Resolution & Repeatability	0.5mm (based on mid position between 1mm increments)	0.5mm (based on mid position between 1mm increments)
Max Axial Load	100N	100N
Max Cantilevered Load	10Nm	10Nm
Maximum Bakeout Temperature	2500C	2500C

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