Made to Order Common Specifications: -XC57: Rodless Cylinder with Floating Joint



Note) The body of this cylinder is for connecting to the floating joint so that it cannot be connected to the body of the standard type. Therefore,

47 Rodless Cylinder with Floating Joint

A special floating joint has been added to the CY3B series, which reduces the amount of labor that is required for connecting the cylinder to the guide of another shaft (load side).

The bolts used for joining the floating joint to the load can be secured either from above or below. (CY1B with a ø6 or ø10 bore must be secured from above.)

Applicable Series

Series	Description	Model	Action	Vol. no. (for std model)		
СҮЗ	Magnetically coupled	CY3B	Double acting	2-1 From P. 1468		
	rodless cylinder	CY3R	Double acting	- 1 FIOIII P. 1400		
REA	Oire e an alle e e andire de a	REA	Double acting			
	Sine rodless cylinder	REAR	Double acting	2-3 From P. 25		
REB	Sine rodless cylinder	REBR	Double acting			

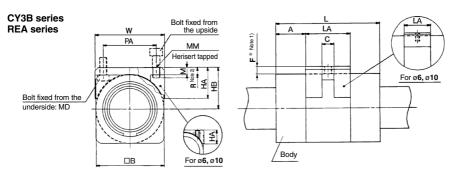
How to Order



Rodless cylinder with floating joint

Specifications: Same as standard type

Construction/Dimensions (Other dimensions are the same as standard.)

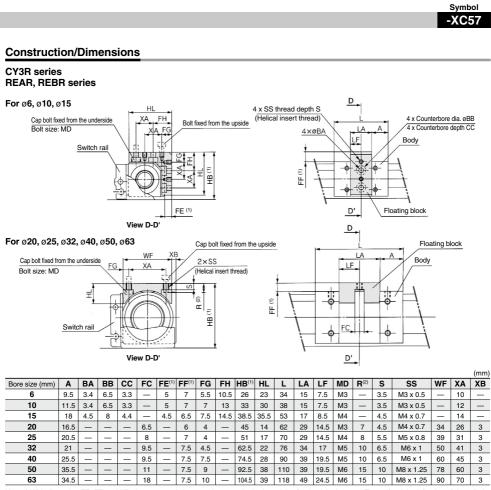


Bore size (mm)	Α	□B	С	F* (1)	HA	HB	L	LA	MM	MD	М	PA	R (2)	W
6	10	17	—	2.5	6.3	11	35	15	M3 x 0.5 x 3L	—	—	12	—	18
10	10	25	—	2.5	9.5	15	38	18	M3 x 0.5 x 3L	_	—	17	-	26
15	16	35	6.5	5.5	16.5	23	57	25	M4 x 0.7	M3	4.5	25	6	36
20	18	36	6.5	5.5	17	23.5	66	30	M4 x 0.7	M3	4.5	27	6	37
25	20	46	8.0	5.5	21	28.5	70	30	M5 x 0.8	M4	5.5	36	7	47
32	22.5	60	9.5	6.0	27.5	36	80	35	M6 x 1.0	M5	6.5	47	8	61
40	26	70	9.5	6.0	28.5	41	92	40	M6 x 1.0	M5	6.7	55	8	71
50	35	86	11	6.0	35	49	110	40	M8 x 1.25	M6	8.5	65	11	87
63	36	100	18	7.0	42	57	122	50	M8 x 1.25	M6	10	80	11	101

Note 1) With dimension F*, the amount of clearance between the body and the floating joint is 1 mm. The self weight deflection of the cylinder tube is not taken into account. Before operating the cylinder, determine the proper value by taking the amount of self weight deflection and the amount of off-centering from the other shaft into consideration.

Note 2) When the bolts are secured from above, be aware that if the cylinder is operated when dimension R (on e6 and o 10, 3 mm or over) is exceeded, the end of the bolt could come in contact with the body, without being able to achieve the floating effect.

Made to Order Common Specifications: Rodless Cylinder with Floating Joint



Note 1) With dimension FE, FF, and HB, the amount of clearance between the body and the floating joint is 1 mm. The self weight deflection of the cylinder tube is not taken into account. Before operating the cylinder, determine the proper value by taking the amount of self weight deflection and the amount of off-centering with the other shall into consideration.

Note 2) When the bolts are secured from above, be aware that if the cylinder is operated when dimension R is exceeded, the end of the bolt could come in contact with the body, without being able to achieve the floating effect.

SMC

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