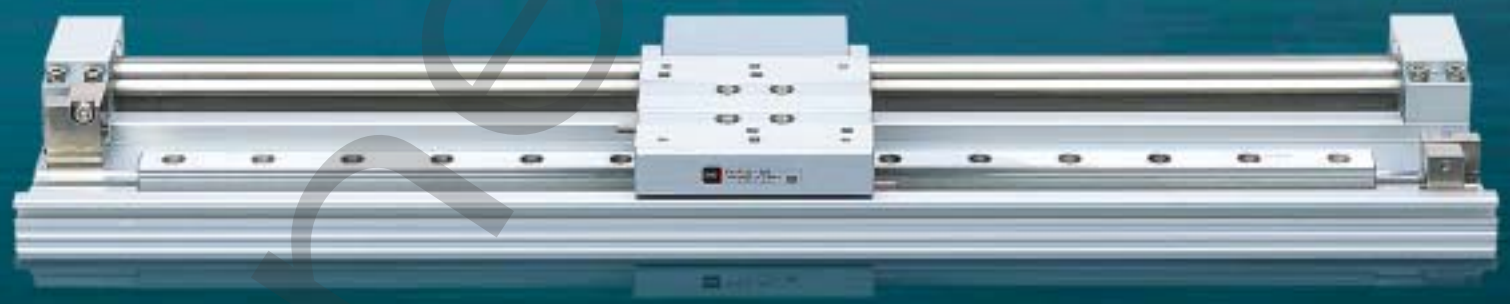




Series MY2H/HT, MY2C
*Mechanical Joint Rodless Cylinder
High Precision Guide/Cam Follower Guide*



Series MY3A/3B
Mechanical Joint Rodless Cylinder/Compact and High Precision Guide



Series CY1F
Magnetically Coupled Rodless Cylinder/Low Profile

Compact and Low Profile Design
Rodless Cylinder

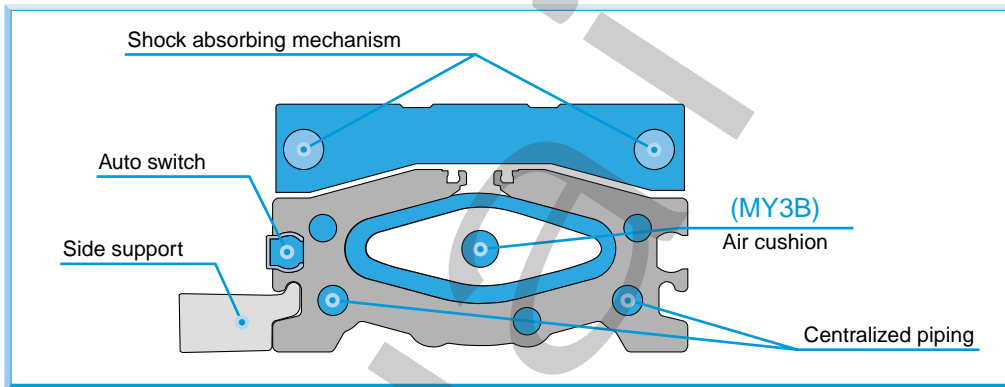
Mechanical Joint Rodless Cylinder/Compact and High Precision Guide

Series MY3A/3B

MY3 B Air cushion



MY3 A Rubber bumper



Compact, low profile design offering same functions as Series MY1B

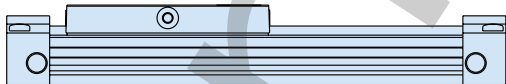
Overall length (Z)

Max. **140mm**
Up to 140mm reduction

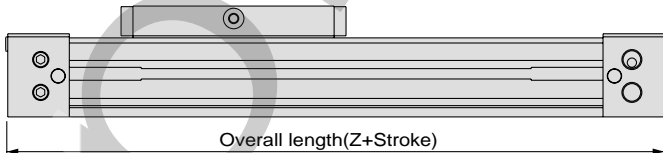
MY3A
With rubber bumper



MY3B
With air cushion



MY1B
With air cushion

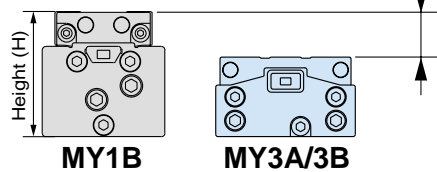


Overall length(Z+Stroke)

Z dimension	(mm)			
Series	ø16	ø25	ø40	ø63
MY3A	110	150	240	320
MY3B	122	178	276	356
MY1B	160	220	340	460

Height(H)

Max. **36%**
Up to 36% reduction



Height(H)	(mm)			
Series	ø16	ø25	ø40	ø63
MY3A MY3B	27	37	54	84
MY1B	37	54	84	116

Weight

Max. **53%**
Up to 53% reduction

Weight	(kg)			
Series	ø16	ø25	ø40	ø63
MY3A	0.34	0.87	2.95	8.26
MY3B	0.35	0.97	3.08	8.99
MY1B	0.73	1.57	4.41	14.5

*For 100mm stroke

Mechanical Joint Rodless Cylinder/High Precision Guide

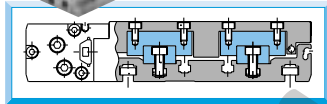
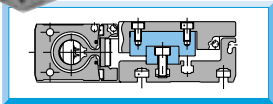
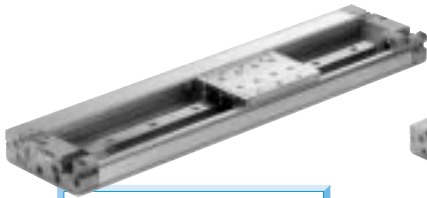
Series MY2H/HT

High precision

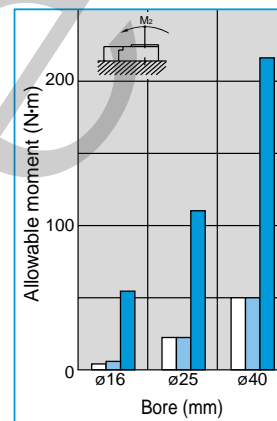
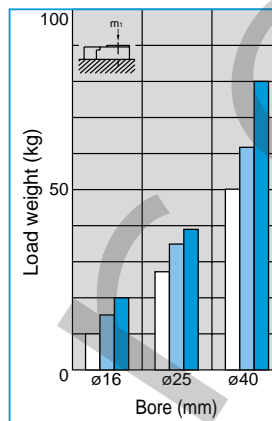
High precision

MY2 H Single axis

MY2 HT Double axes



The same actuator unit is used for MY2H and MY2HT.



MY2HT
MY2H
MY1H

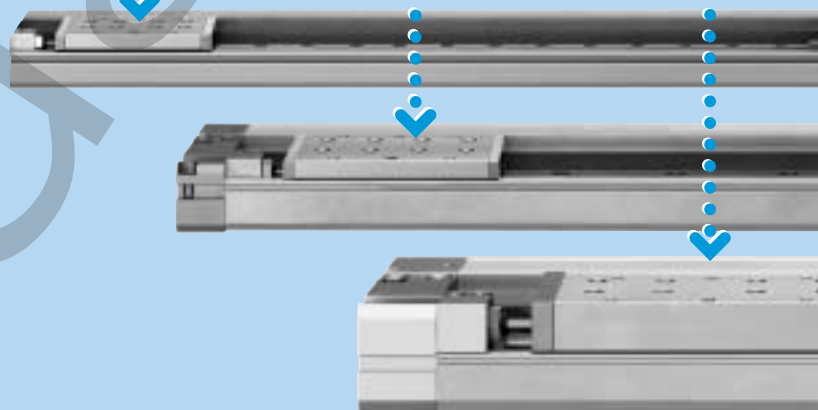
MY2HT
MY2H
MY1H

Compact and Low Profile - Mechanical Joint Rodless Cylinder

Reduction in height by **30%** over other P/A rodless cylinders

Parallel arrangement of the guide and the actuating unit results in compact design. (dimension reduced by 12mm to 26mm)

ø16/**28**mm ø25/**37**mm ø40/**58**mm



Series	(mm)		
	ø16	ø25	ø40
MY2C			
MY2H	28	37	58
MY2HT			
MY1C, MY1H	40	54	84

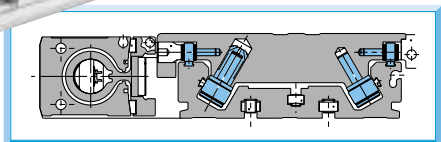
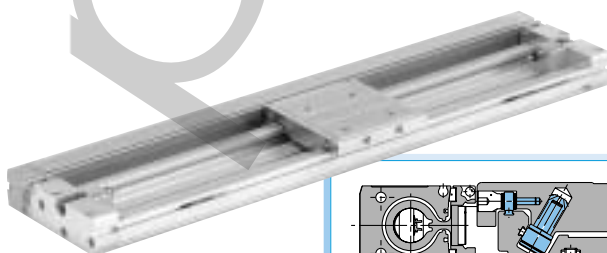
Mechanical Joint Rodless Cylinder/Cam Follower Guide

Series MY2C

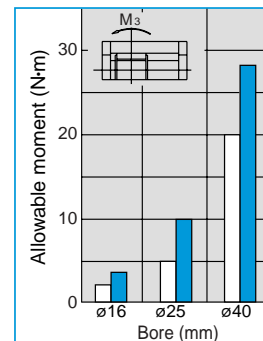
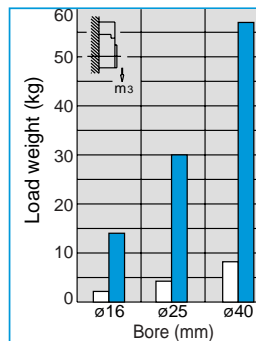
MY2 C Cam Follower Guide

Long strokes

Series MY2C cylinder is now available in long strokes up to 5000mm.



Improved guide performance enhances dynamic load capacity over other P/A cylinder



MY2C
MY1C

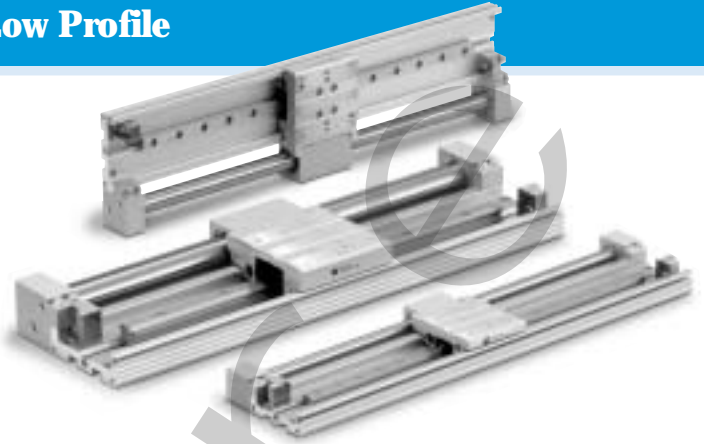
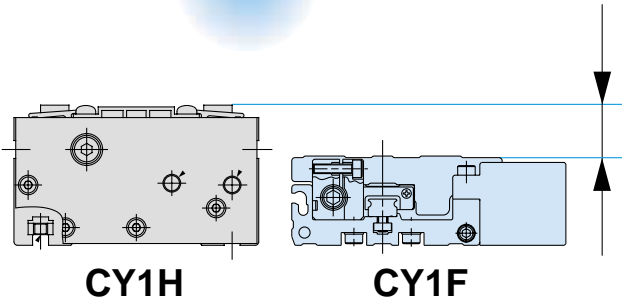
MY2C
MY1C

Magnetically Coupled Rodless Cylinder/Low Profile

Series CY1F

Compact

Max. 29% reduction in height

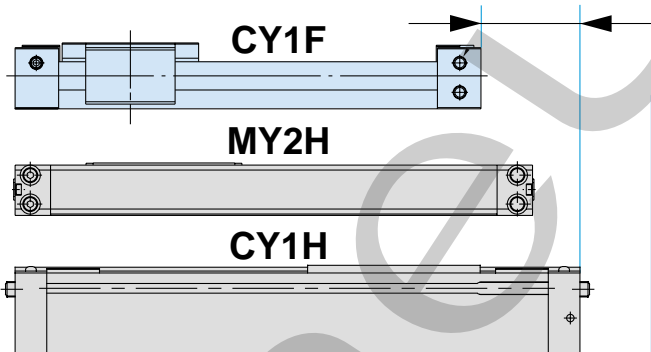


Height		(mm)		
Series	ø10	ø15	ø25	
CY1F	28	34	46	
CY1H	39.5	46	63	

Short body

Max. 31% reduction in overall length

Reduction in length is 22% over MY2H cylinder

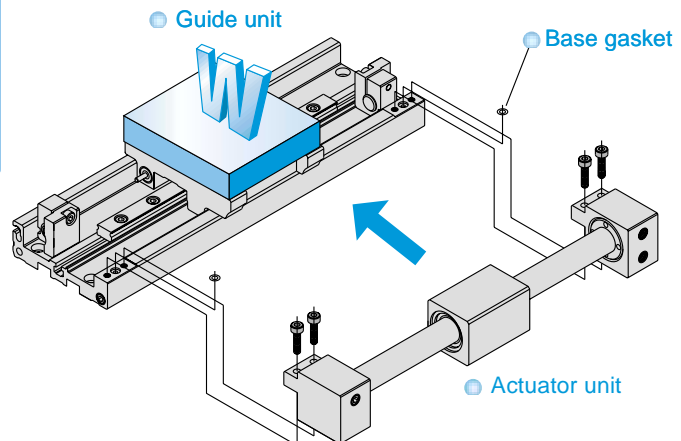


Length		(mm)		
Series	ø10	ø15	ø25	
CY1F	198	205	240	
CY1H	225	294	350	
MY2H	—	260	310	

* For stroke 100mm

The cylinder and guide are integrated.

The cylinder portion can be replaced without disturbing the work.



Compact and Low Profile Series variants

CAT.S20-165
English cat.no.ES20-165

Series MY3A/3B

Mechanical Joint Rodless Cylinder/Compact and High Precision Guide



MY3A	Basic type Short type	Centralized piping	Bore (mm) 16 25 40 63	Rubber bumper	Stroke adjustment unit	Side support	Floating bracket	Made to order • Long stroke • Helical insert threads • Mounting bracket for holder
MY3B	Basic type standard	Standard piping		Air cushion				

Model	Bore (mm)	Standard stroke (mm)														Manufacturable max. stroke (mm)
		100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	
MY3A/3B	16, 25, 40, 63															3000

CAT.S20-153
English cat.no.ES20-153

Series MY2H/HT

Mechanical Joint Rodless Cylinder/Compact and Low Profile



Model	Guide	Bore (mm)	Standard stroke (mm)													
			50	100	150	200	250	300	350	400	450	500	550	600	700	800
MY2C	Cam follower guide	16														
MY2H	High precision guide Single axis	25														
MY2HT	High precision guide Double axes	40														

Model	Guide	Bore (mm)	Standard stroke (mm)				Manufacturable max. stroke (mm)	Made to order
			1400	1600	1800	2000		
MY2C	Cam follower guide	16					(ø16: up to 3000)	• Intermediate stroke (MY2C: Standard)
MY2H	High precision guide Single axis	25					(ø16: up to 1000)	• Long stroke
MY2HT	High precision guide Double axes	40						• Helical insert threads
								• Mounting bracket for holder
								• Copper-free

Profile Rodless Cylinder Variations

Magnetically Coupled Rodless Cylinder/Low Profile

CAT.S20-170
English cat.no.ES20-170

Series **CY1F**



Variations

Model	Bore (mm)	Standard stroke (mm)											Manufacturable max. stroke (mm)	Cushion			
		50	100	150	200	250	300	350	400	450	500	550			600		
CY1F	10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	500	Built-in shock absorber
	15	●	●	●	●	●	●	●	●	●	●	●	●	●	●	750	
	25	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1200	

Model	Piping direction
CY1F	Centralized piping on the right side
	Centralized piping on the left side