

SHIFT CYLINDER 20mm

Type No. 376-012-011a

Description / features

The 'shift cylinder +20mm', which was developed for use in Lola LMP cars, is a pneumatically operated two-way actuator that moves the gearbox mounted shift lever in both directions (push/pull).

The shift cylinder is operated with a nominal pressure of between 6-8 bar. The compressed air is supplied via a Dash 4 hose.

A shift force of up to 600 N is available. Thanks to its excellent durability and constant performance, the shift cylinder is also especially suited for applications in endurance racing.

Technical specifications

Mechanical data:

Dimensions L x W x H	approx. 162 x 43 x 75 mm
Weight	approx. 170 g
Fitting for air pressure 'push'	Dash4
Fitting for air pressure 'pull'	Dash4
Mode of operation	push / pull
Stroke	+20.0 - 0.3 mm -20.0 + 0.3 mm
Force	600N @ 6 bar

Pneumatic data:

Max. operating pressure	6 - 8 bar
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Temperature range:

Ambient (min/max)	0 .. +100°C
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Ordering information:

Article no.	376-012-011a
Order no.	6152

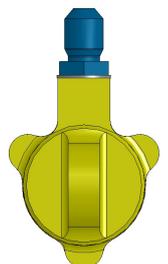
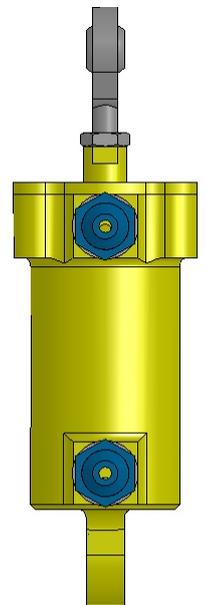
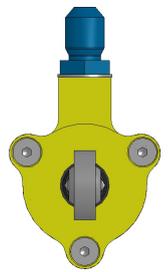
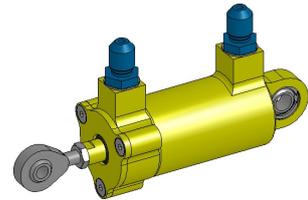


MEGA-Line
RACING ELECTRONIC GmbH
Hauersdorfer Str.3
D - 93342 Saal a.d. Donau

Germany

Phone: +49 (0) 9441 6866 - 0
Fax: +49 (0) 9441 6866 - 11

Mail: info@mega-line.com
Web: www.mega-line.com



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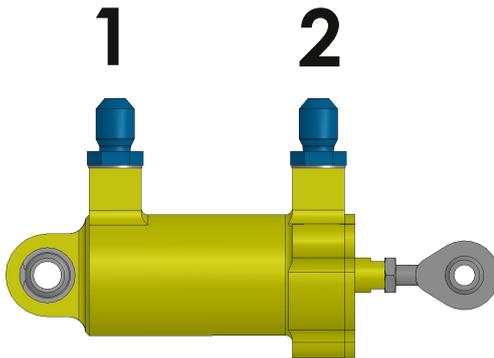
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Port description (pneumatic)

Port	Function	Dimension	max.torque [Ncm]
1	Air pressure PUSH	Dash4	1000
2	Air pressure PULL	Dash4	1000



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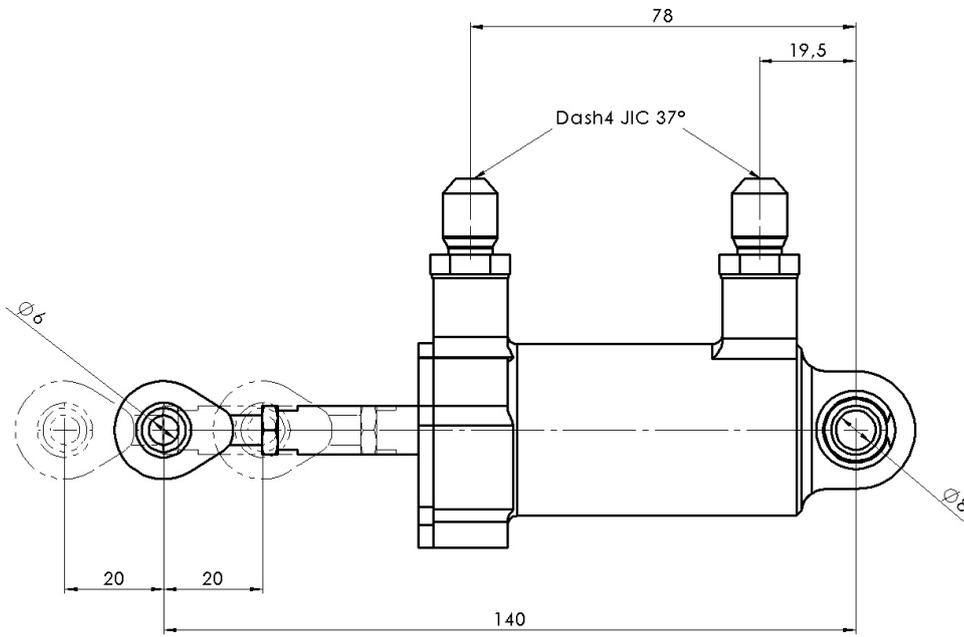
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Assembly dimensions



front view

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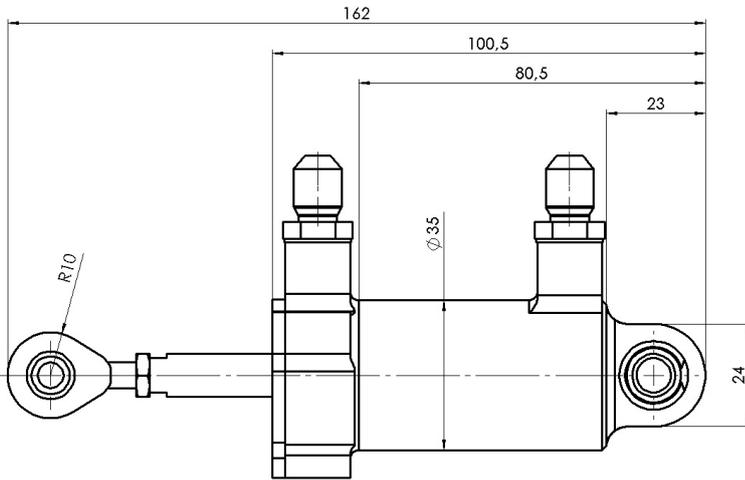
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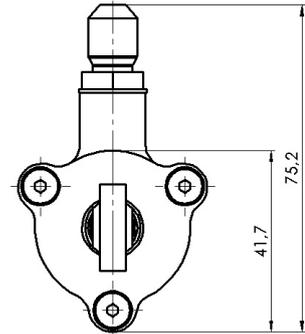
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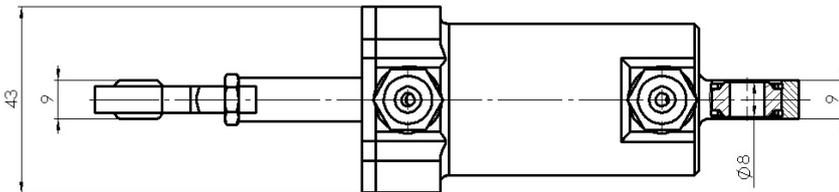
Mechanical dimensions



front view



side left view



top view