

Request data

Hydraulic cylinders

General information

Request date		Telephone	
Company		E-mail	
Contact person		Application	
Road		Quantity required	Prototype
Postcode, location		Requested delivery date	Prototype
Country		Lot size	Series

2. Type of cylinder

Differential cylinder

Synchronised cylinder

Plunger

Telescopic cylinder

3. Dimensions

Piston-Ø mm

Piston rod-Ø mm

Stroke mm

Installation dimension retracted mm

Target weight kg

Sample drawing / draft yes no

4. Load specifications

Pressure / force / speed	Piston side (extend)	Rod side (retract)
Operating pressure	MPa	
Secondary pressure (protection / PRV)	MPa	<input type="text"/>
Test pressure	MPa	
Known pressure peaks	MPa	<input type="text"/>
Max. speed	m/s	
Lateral force (shear force)	kN	<input type="text"/>
External compression and tension forces (kinematics)	kN	Compression <input type="text"/> Tension <input type="text"/>
Specifications	<input type="checkbox"/> yes <input type="checkbox"/> no	
Approx. load / collective		
Min. operation time	oh	<input type="text"/>
Switching frequency	1/min	
Minimum of standards / policies		<input type="text"/>

5. End of stroke cushioning

Without cushioning

Piston side

Rod side

Both sides

6. Environment

Used medium

Operating temperature °C

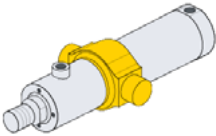
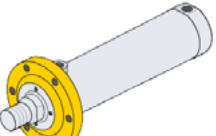
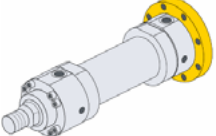
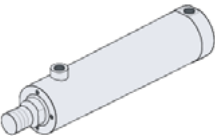
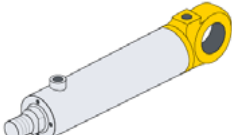
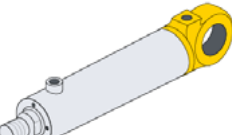
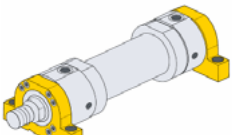
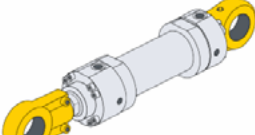
Ambient temperature °C

Corrosive media (e.g. sea air)

7. Painting and rod coating

Corrosion protection (AASS)*	<input type="checkbox"/> 96h	<input type="checkbox"/> 240h	<input type="checkbox"/> 500h
	Special	Rating	
	<input type="checkbox"/> hardened	<input type="checkbox"/> yes	<input type="checkbox"/> no
Painting	RAL	Primer	Paint
		<input type="checkbox"/> Maritime (3-fold)	<input type="checkbox"/> Seawater (2-fold)

8. Mounting types

<input type="checkbox"/> Swivel bearing mounting (MT4)	<input type="checkbox"/> Round flange at head (MF3)	<input type="checkbox"/> Round flange at base (MF4)	<input type="checkbox"/> Basic form
			
<input type="checkbox"/> Fixed bushing eye at base (MP3)	<input type="checkbox"/> Spherical bearing eye at base (MP5)	<input type="checkbox"/> Foot mounting (MS2)	<input type="checkbox"/> Double-sided spherical bearings
			

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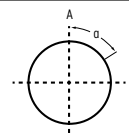
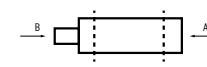
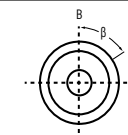
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9. Type of connection and size

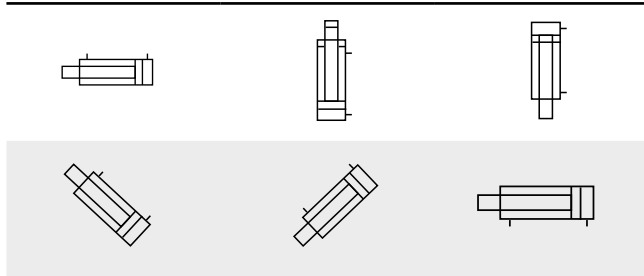
	Piston side		Rod side	
Type of connection				
Bolt- / thread-Ø	mm	<input type="text"/>	<input type="text"/>	<input type="text"/>
Head radius	mm			
Bearing width	mm	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sealing bearing position	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
Lubrication bearing position	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no

10. Alignment of oil connection terminals

Piston side	Oil connection size	Rod side
<input type="text"/>	e. g. SAE, M	<input type="text"/>
$\alpha = ^\circ$	Angle (clockwise)	$\beta = ^\circ$

11. Hydraulic cylinder installation position



12. Options

Position measuring system	Vent port
<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
Output signal	
<input type="checkbox"/> 4-20mA	<input type="checkbox"/> SAEJ1939
<input type="checkbox"/> 0-10V	<input type="checkbox"/> CANopen
<input type="checkbox"/> SSI	<input type="checkbox"/> ISOBUS
<input type="text"/> Other	

13. Documentation

An instruction manual is supplied with each hydraulic cylinder as standard. Additional options may be available at a charge.

[Spare part catalog](#)

[Maintenance and repair instructions](#)

14. Further requirements

Certifications

Use / exchangeability of already existing components

Scope of delivery / attachments, e.g. valve blocks, pipelines, pressure, clamp

Further comments

SEND E-MAIL →

For internal use

Date	Created	Audited	Approved	Revision
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Name	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>