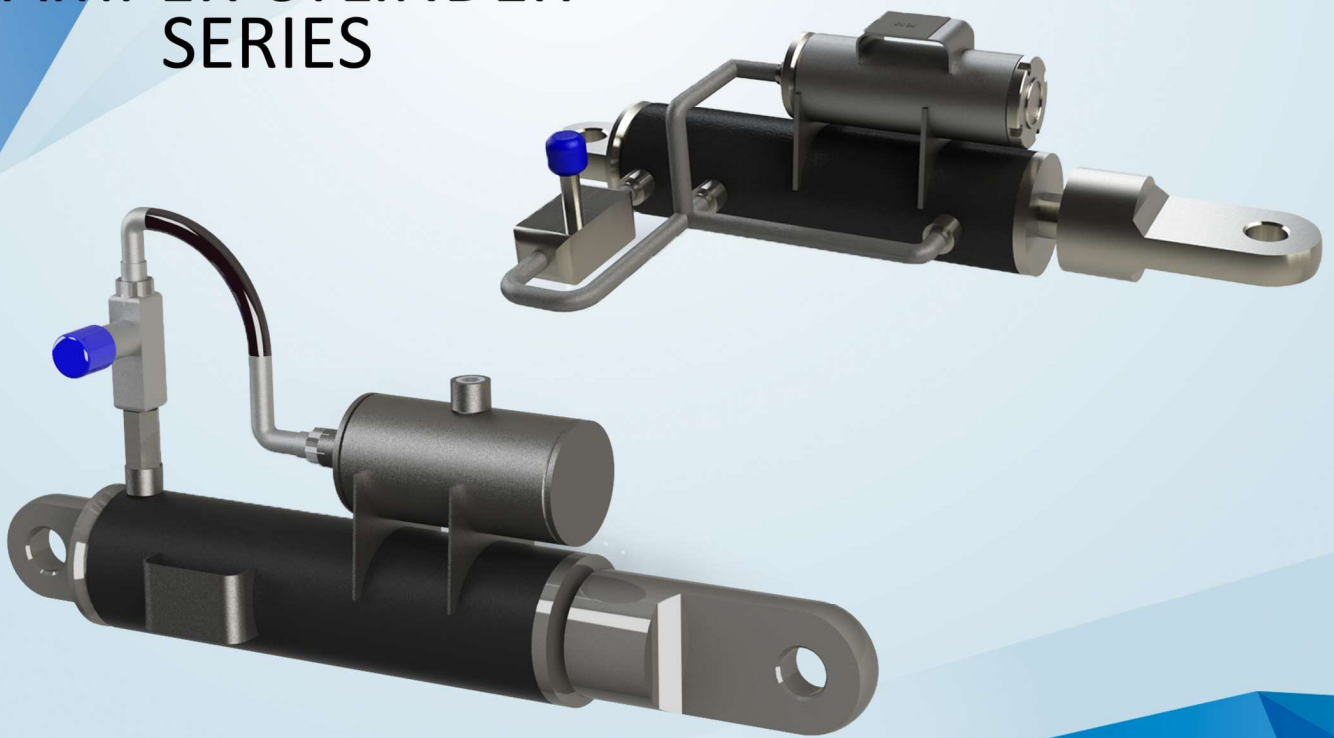


TAPCO

valve manual &
powered actuator

DAMPER CYLINDER
SERIES



*GOOD IDEAS
CREATE FUTURE*

Certificate of Registration



This is to certify that the
Quality Management Systems of:

Tavakol Poya Arak Industrial Group Co.

The corner of 1 Toseae, Toseae Street, No. 1 Industrial Zone, Arak-Iran

have been assessed and registered against the following international
standard:

ISO/TS 29001:2010

Approval is hereby granted for registration on the proviso that the
certification rules and conditions are observed at all times.

The scope of the registration:

**Design and Manufacturing of Oil and Gas Valves Gearbox and Machining
Services**

Certificate No. 1210010

Issue Date: October 02, 2012

Expiry Date: October 01, 2015

Authorised Signature

Moody International Certification Ltd.
www.moodyint.com

The certificate remains the property of Moody International Certification Limited to whom it must be returned on request.



Certificate of Registration



This is to certify that the
Quality Management System of:

Tavakol Poya Arak Industrial Group Co.

The corner of 1 Toseae, Toseae Street, No. 1 Industrial Zone, Arak-Iran

has been assessed and found compliant with the requirements of:

ISO 9001:2008

Approval is hereby granted for registration on the proviso that the
certification rules & conditions are observed at all times.

Certification Scope:

**Design and Manufacturing of Oil and Gas Valves Gearbox and Machining
Services**

Certificate No. 10111208030

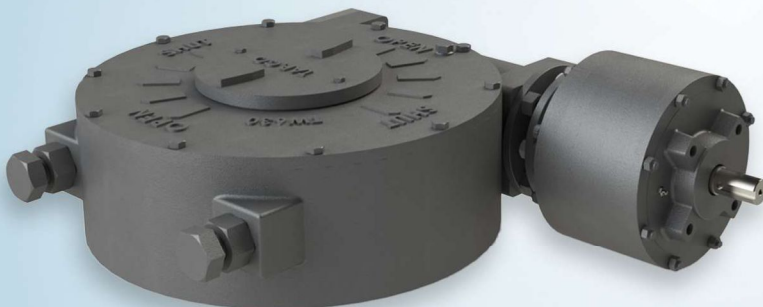
Issue Date: October 02, 2012

Expiry Date: October 01, 2015

Authorised Signature

Moody International Certification Ltd.
www.moodyint.com

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the Accreditation Certificate 014.
The certificate remains the property of Moody International Certification Limited to whom it must be returned on request.



DAMPER CYLINDER



TAPCO TAVAKOL POOYA ARAK co.

Features of TAPCO damper cylinder

- Tapco damper cylinder are designed based on the customer requisition of force and stroke.
- Hydraulic fluid is chosen based on the ambient temperature of operation.
- Damping can be provided in either stretching or retraction phase.
- Damping can be provided in either one phase or two phases in acting course in order to achieve desired time of damping.
- Adjustable damping speed.
- All welding joints are TIG welded.
- All piston rods are hard-chrome-plated.
- Rod-eye can be manufactured according to customer requisition.

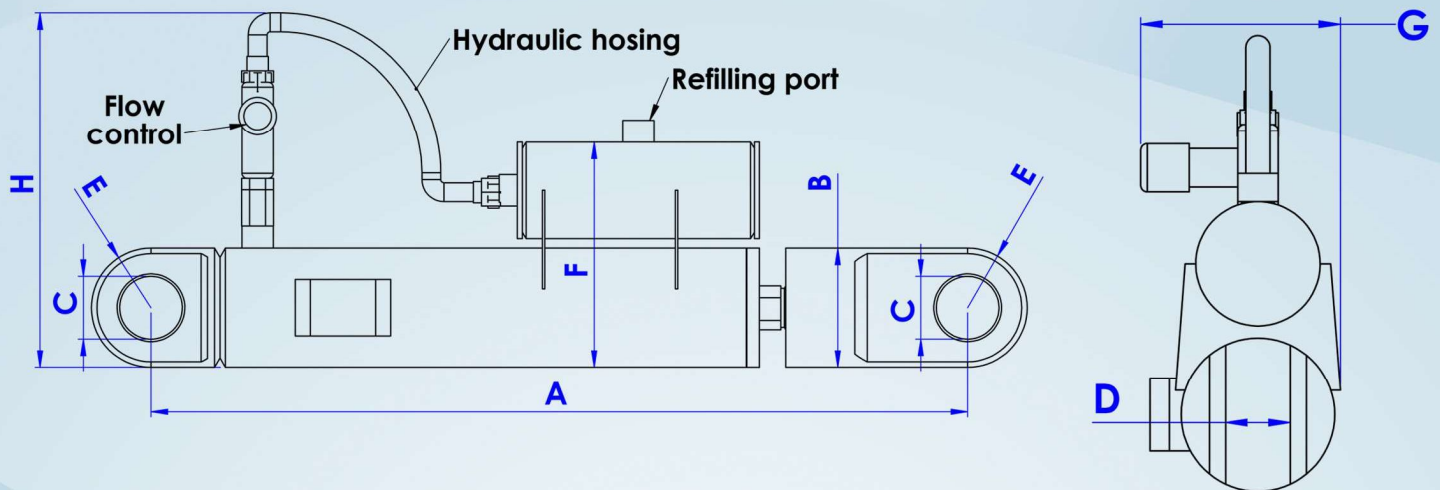


2

DAMPER CYLINDER



>>TD15 series



MODEL	FORCE CAPACITY	A		traveling distance	Accumulator type	num of damping phases	B	C	D	E	F	G	H
		Stretched	retracted										
TD15_GR_1P_210	15TON	801/0	591/0	210	Gravitational	1	95	+0.2	-0/1	R47.5	180	124	284
								50	40				
								+0.1	-0/2				
TD15_GR_1P_265	15TON	916/0	651/0	265	Gravitational	1	95	+0.2	-0/1	R47.5	180	124	284
								50	40				
								+0.1	-0/2				
TD15_SP_2P_210	15TON	801/0	591/0	210	Spring over piston	2	95	+0.2	-0/1	R47.5	180	124	284
								50	40				
								+0.1	-0/2				

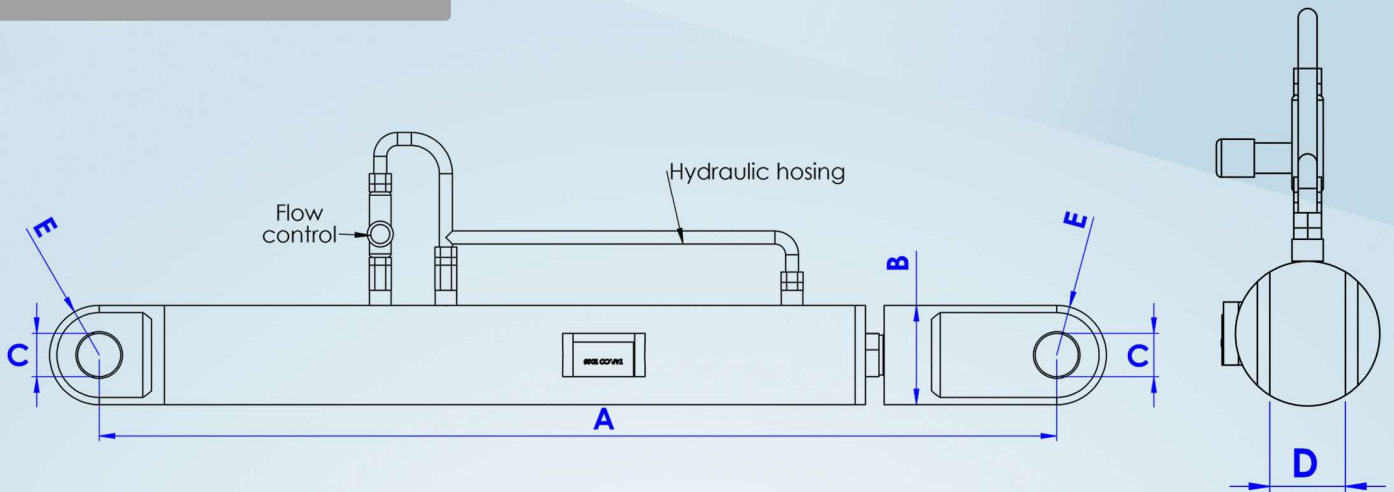
*Tapco damper cylinder are designed based on the customer requisition of force and stroke.



DAMPER CYLINDER



>>TD22&30 series



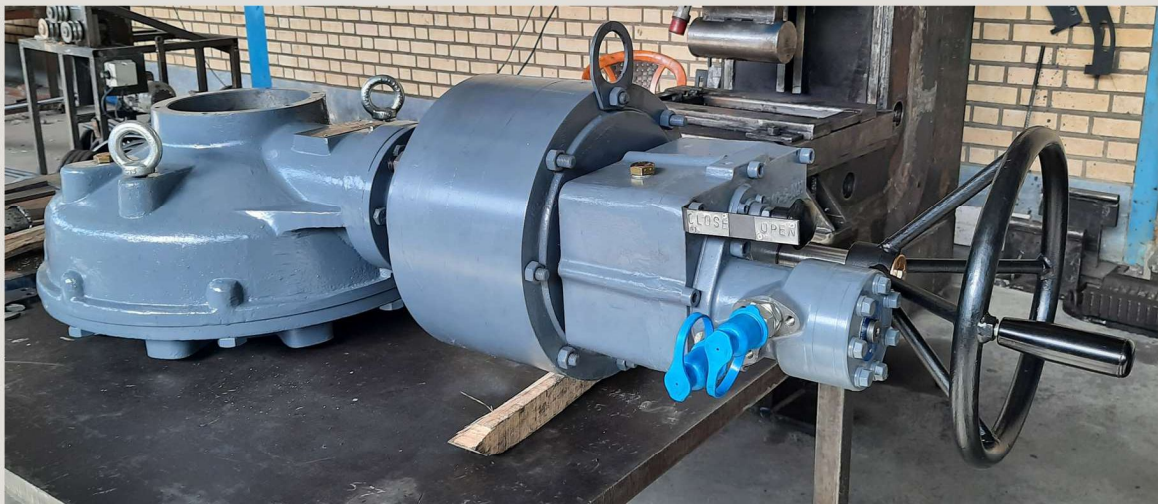
MODEL	FORCE CAPACITY	A		traveling distance	Accumulator type	num of damping phases	B	C	D	E
		Stretched	retracted							
TD22_SP_2P_406	22TON	1515/0	1109/0	406	Spring over piston	2	115	+0.2	-0/1	R57.5
								50	60	
								+0.1	-0/2	
TD30_SP_2P_	30TON	Base on the customer's request	Base on the customer's request	Base on the customer's request	Spring over piston	2	145	+0.2	-0/1	R72.5
								60	70	
								+0.1	-0/2	

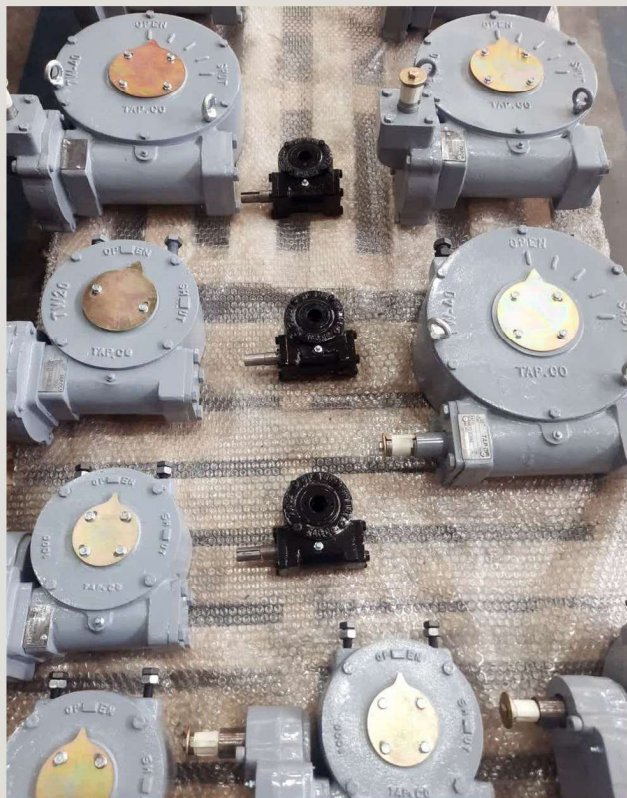
*Tapco damper cylinder are designed based on the customer requisition of force and stroke.



GALLERY









www.tavakolpooya.ir



[@tapcogearbox](https://www.instagram.com/tapcogearbox)



www.tapcogearbox.ir



08634131577
+98 918 604 5625



info@tapcogearbox.ir



@tapcogearbox



Roze Ave., Sanat Ave.,
Haji Abad industrial zone, Arak, IRAN