

CYLINDERS WITH HOLLOW PISTON, OIL RETURN

FEATURES

All **COF** cylinders are supplied with a smooth hollow saddle and have a centre hole, thread on the body, in the rod and in the base to mount them easily and enable them to be used with accessories.

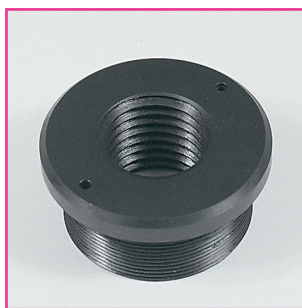
A safety valve connected to the retract chamber prevents any overpressure.

The end of stroke nut has a wiper to prevent the ingress of dirt.

The anti-corrosive nitride treatment makes these cylinders suitable for use in harsh environments and in the open air

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ACCESSORIES



■ **ZTE threaded saddle**, enables the mounting of threaded bars.



STANDARD

■ **Smooth hollow saddle**, avoids any risk of rod deformation.



OPERATIONAL AREAS

The through hole makes them particularly suitable for tensioning, mounting and extracting of pulleys, bushings and heat exchanger pipes.

They can be used in push and pull operations by putting a bar or a cable attached to the saddle.



Cylinders in **aluminium** or with non standard **strokes** or centre **holes** can be supplied on request.



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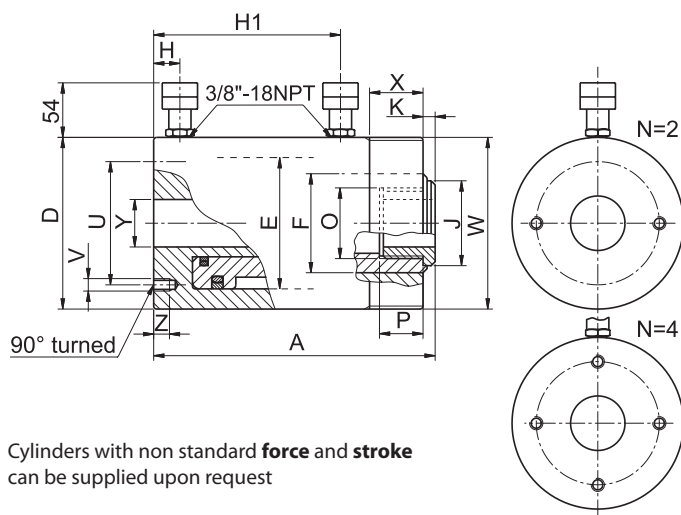


The **PL262**, **PL264** e **PL268** hand pumps which have a 4 way valve can be used to operate oil return cylinders.

Follow our safety instructions.
See useful pages.

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CYLINDERS WITH HOLLOW PISTON, OIL RETURN



Cylinders with non standard **force** and **stroke** can be supplied upon request

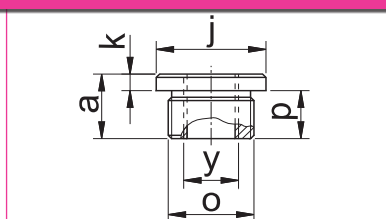
Force	30 - 200 t
Stroke	75 - 250 mm
Max working pressure	700 bar

SELECTION CHART

Pushing force t* kN	Pulling force t* kN	Stroke mm	Pushing oil volume cm ³	Pulling oil volume cm ³	MODEL	Closed height A mm	External Dia. D mm	Piston Dia. E mm	Rod Dia. F mm	Couplers height		Hollow saddle Dia. J mm	Rod projection K mm	Rod internal thread O mm	Rod thread depth P mm	PCD mounting holes U mm	Base mounting holes - Holes depth V/Z mm	Collar thread W mm	Collar thread length X mm	Trough hole Dia. Y mm	Weight kg
										H mm	H1 mm										
30 334	18 176	100	477	251	COF30N100	196	115	90	70	21	152	57,5	2	M48x1,5	32	65	2xM10 12	M115x2	20	34	13
		150	716	377	COF30N150	246				202	16										
		250	1193	628	COF30N250	346				302	21										
60 590	31 309	75	632	331	COF60N75	186	165	125	100	26	134	81,5	2	M72x1,5	40	90	4xM10 16	M165x4	25	54,5	26
		100	842	442	COF60N100	211				159	28										
		150	1264	663	COF60N150	261				209	34										
		250	2106	1104	COF60N250	361				309	46										
100 947	58 568	75	1015	608	COF100N75	214	215	165	130	36	155	117,5	4	M102x1,5	55	130	4xM12 15	M215x4	35	80,5	47
		150	2029	1216	COF100N150	289				230	61										
		250	3382	2027	COF100N250	389				330	79										
150 1435	76 748	200	4100	2136	COF150N200	349	247	190	150	36	284	127,5	4	M112x2	60	-	-	-	-	80,5	100
200 1979	94 924	200	5655	2639	COF200N200	380	305	230	190	37	305	167,5	5	M135x2	70	-	-	-	-	103	160

* Nominal value, see kN for the exact force

ACCESSORIES: ZTE THREADED SADDLES



MODEL	For use with	a	k	j	p	y	o	kg
ZTE30	COF30N ###	39	7	57,5	32	1 1/4" - 7 UNC	M48x1,5	0,32
ZTE60	COF60N ###	47	7	81,5	40	1 5/8" - 5 1/2 UNS	M72x1,5	0,85