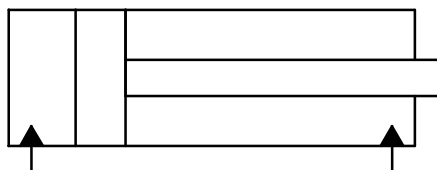


APPLICATION

Single piston rod double acting cylinder transfers accumulated in a working liquid pressure energy into mechanical energy which puts the piston in reciprocating motion.

When pressure affects the piston area, the piston travels downwards. When pressure affects the piston rod area, the piston returns.

DIAGRAM

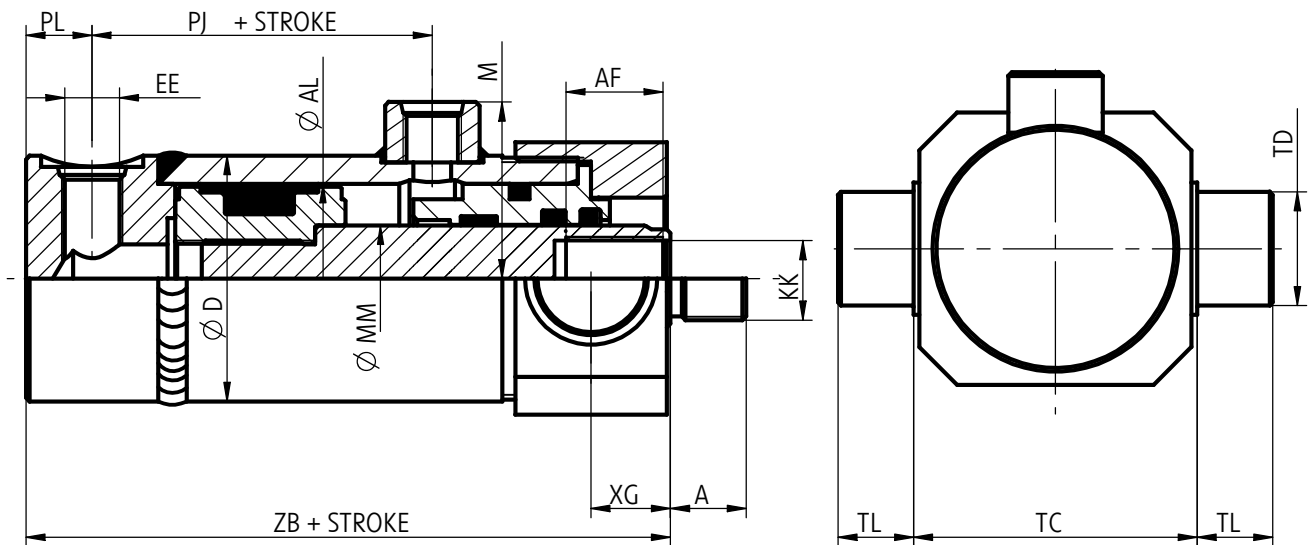


TECHNICAL DATA

Working fluid	hydraulic fluid (viscosity 10 - 450 mm ² /s)
Nominal pressure	20 MPa
Required fluid filtration	16µm
Operating temperature	-30 do 80°C
Max. rod speed	0,5 m/s
Efficiency	> 0,9
Piston rod coating	chrome

OVERALL DIMENSIONS

Type 5



Metric port - PN/M-73101

Inch port - DIN 3852

AL.	25	32	40	50	63	80	100	125	140	160
MM	18	22	22	28	36	45	56	70	80	90
D	35	42	50	65	75	95	120	150	170	195
KK	M12x1,5	M16x1,5	M16x1,5	M22x1,5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
EE	M	M14x1,5	M14x1,5	M16x1,5	M16x1,5	M22x1,5	M27x2	M33x2	M33x2	M33x2
	G	G 1/4"	G 1/4"	G 1/2"	G 1/2"	G 1/2"	G 3/4"	G 1"	G 1"	G 1"
TC	49	64	65	75	95	120	150	195	225	240
TL	16	18	16	20	25	31	40	50	50	63
TD	20	25	25	30	35	40	50	55	60	80
PL	13	13	16	17	21	20	27	28	35	32
PJ	52	59	64	73	85	105	124	135	155	154
AF	16	22	22	30	36	45	50	63	75	85
A	14	16	18	20	22	30	36	45	50	56
XG	23	26,5	19	22	22	~30	~30	~55	~50	~50
ZB	130	143,5	138	152	180	210	264	283	323	328

EE M for metric port

EE G for inch port

HOW TO ORDER

UCJ	+	20	+	/	+	*
Piston hydraulic cylinder Mounting: trunnion at cylinder tube = 5 Ports: metric thread = M inch thread = G Piston rod end: external thread = Z internal thread = W Nominal pressure MPa Series number X5 =X5 (X5-X9) installation and connection dimension unchanged Piston diameter against a table Piston rod diameter against a table Piston stroke Futher requirements to be added in text (to agree with manufacturer) -XXXX						

Coding example:

UCJ5-MZ-20-X5-80/45-250

For special requirements please contact the manufacturer.

PONAR Wadowice S.A.
ul. Wojska Polskiego 29
34-100 Wadowice
tel. +48 33 488 21 00
fax. +48 33 488 21 03
www.ponar-wadowice.pl

