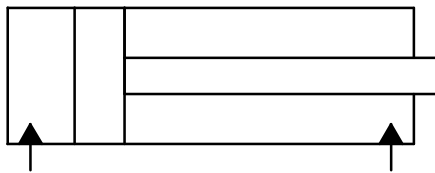


### APPLICATION

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

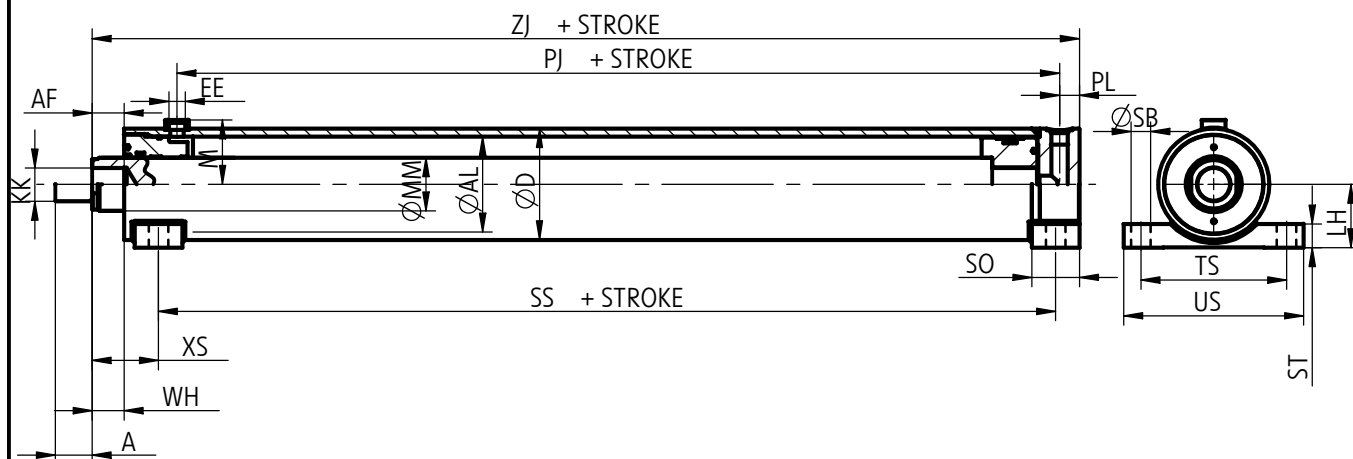


### TECHNICAL DATA

Working fluid	hydraulic fluid (viscosity 10 - 450 mm <sup>2</sup> /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 6



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	
A	14	16	18	20	22	30	36	45	50	56	
AF	16	22	22	30	36	45	50	63	75	85	
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	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"	G 1"
M	31	35	36	42	50	62	75	88	98	110	
LH	28	29	31	38	44	57	68	85	95	115	
PJ	58	61	64	73	85	105	124	138	155	154	
PL	13	14	16	17	21	20	27	35	35	37	
SB	9	9	11	14	20	20	26	26	30	33	
SO	22	26	30	35	50	50	50	60	70	80	
SS	58	61	64	73	85	105	124	138	166	154	
ST	12	14	15	18	25	30	35	35	35	40	
TS	68	78	83	102	124	149	172	205	220	250	
US	90	100	110	130	165	190	240	255	280	310	
WH	17	17	15	15	15	18	20	23	26	36	
XS	44	55	58	62	74	85	96	108	115	99	
ZJ	115	129	138	152	180	213	247	281	316	326	

EE M for metric port  
EE G for inch port

## HOW TO ORDER

UCJ	+		+20	+		/	+		+	*
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Piston hydraulic cylinder

Mounting:  
foot = 6

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

Further requirements to be added in text (to agree with manufacturer)  
-XXXX

Coding example:  
UCJ6-MZ-20-X5-80/45-250

For special requirements please contact the manufacturer.

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