

TMCL Double Acting Hydraulic Cylinders

Double Acting Cylinder or Single Acting with Breather

Max Working Pressure - 250 BAR

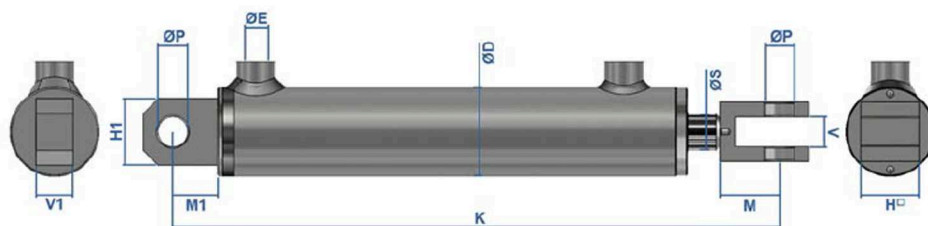
Max Speed - 0.5 M/Sec

Operating Temp - +80 to -25

Tube - Steel ST52.3 - DIN2393 ISO H9

Chrome Rod - Steel UNI C45

25 Micron - EN8 Grade



PART NUMBER	BORE Ø (mm)	D Ø (mm)	S Ø (mm)	Closed Centres K (mm)	STROKE (mm)	E (BSP)	M (mm)	M1 (mm)	P (mm)	H (mm)	H1 (mm)	V1 Ø (mm)	V (mm)	WEIGHT (kg's)
TMCL-32-20-050				214	50									1.79
TMCL-32-20-100				264	100									2.09
TMCL-32-20-150				314	150									2.44
TMCL-32-20-200				364	200									2.79
TMCL-32-20-250	32	42	20	414	250	1/4 BSP	34	25	16.2	35	35	20	16	3.19
TMCL-32-20-300				464	300									3.49
TMCL-32-20-400				564	400									4.19
TMCL-32-20-500				664	500									4.89
TMCL-40-20-100				289	100									2.76
TMCL-40-20-150				339	150									3.16
TMCL-40-20-200				389	200									3.54
TMCL-40-20-250				439	250									3.94
TMCL-40-20-300	40	50	20	489	300	1/4 BSP	34	25	16.2	35	35	20	16	4.34
TMCL-40-20-350				539	350									4.76
TMCL-40-20-400				589	400									5.14
TMCL-40-20-450				639	450									5.57
TMCL-40-20-500				689	500									5.98
TMCL-40-25-100				289	100									2.99
TMCL-40-25-150				339	150									3.34
TMCL-40-25-200				389	200									3.88
TMCL-40-25-250				439	250									4.34
TMCL-40-25-300	40	50	25	489	300	1/4 BSP	34	25	16.2	35	35	20	16	4.81
TMCL-40-25-350				539	350									5.28
TMCL-40-25-400				589	400									5.75
TMCL-40-25-450				639	450									6.21
TMCL-40-25-500				689	500									6.69
TMCL-40-25-550				739	550									7.09
TMCL-40-25-600				789	600									7.62
TMCL-50-25-100				310	100									4.07
TMCL-50-25-150				360	150									4.61
TMCL-50-25-200				410	200									5.12
TMCL-50-25-250				460	250									5.63
TMCL-50-25-300				510	300									6.13
TMCL-50-25-350				560	350									6.72
TMCL-50-25-400	50	60	25	610	400	3/8 BSP	40	30	20.25	40	45	25	20	7.18
TMCL-50-25-450				660	450									8.08
TMCL-50-25-500				710	500									8.21
TMCL-50-25-550				760	550									8.84
TMCL-50-25-600				810	600									9.24
TMCL-50-25-800				1010	800									11.49
TMCL-50-25-1000				1210	1000									13.65
TMCL-50-30-150				360	150									4.89
TMCL-50-30-200				410	200									5.52
TMCL-50-30-250				460	250									6.13
TMCL-50-30-300				510	300									6.75
TMCL-50-30-350				560	350									7.33
TMCL-50-30-400				610	400									7.98
TMCL-50-30-450	50	60	30	660	450	3/8 BSP	40	30	20.25	40	45	25	20	8.58
TMCL-50-30-500				710	500									9.2
TMCL-50-30-550				760	550									9.82
TMCL-50-30-600				810	600									10.42
TMCL-50-30-700				910	700									11.63
TMCL-50-30-800				1010	800									12.88
TMCL-50-30-1000				1210	1000									15.35

Special versions of this cylinder design are available on request

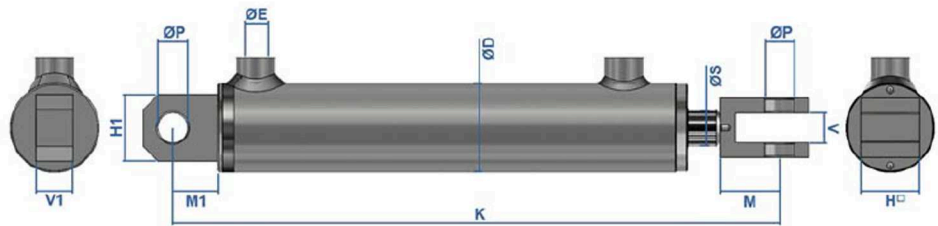
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 Tube - Steel ST52.3 - DIN2393 ISO H9
 Chrome Rod - Steel UNI C45
 25 Micron - EN8 Grade



PART NUMBER	BORE Ø (mm)	D Ø (mm)	S Ø (mm)	Closed Centres K (mm)	STROKE (mm)	E (BSP)	M (mm)	M1 (mm)	P (mm)	H (mm)	H1 (mm)	V1 (mm)	V (mm)	WEIGHT (kg's)
TMCL-60-30-100				340	100									6.14
TMCL-60-30-150				390	150									6.87
TMCL-60-30-200				440	200									7.52
TMCL-60-30-250				490	250									8.19
TMCL-60-30-300				540	300									8.87
TMCL-60-30-350				590	350									9.52
TMCL-60-30-400	60	70	30	640	400	3/8 BSP	45	35	25.25	50	50	30	25	10.22
TMCL-60-30-450				690	450									10.85
TMCL-60-30-500				740	500									11.57
TMCL-60-30-550				790	550									12.18
TMCL-60-30-600				840	600									12.92
TMCL-60-30-800				1040	800									15.58
TMCL-60-30-1000				1240	1000									18.32
TMCL-60-40-200				440	200									8.57
TMCL-60-40-250				490	250									9.46
TMCL-60-40-300				540	300									10.35
TMCL-60-40-350				590	350									11.32
TMCL-60-40-400				640	400									12.11
TMCL-60-40-450				690	450									12.96
TMCL-60-40-500	60	70	40	740	500	3/8 BSP	45	35	25.25	50	50	30	25	13.84
TMCL-60-40-550				790	550									14.47
TMCL-60-40-600				840	600									15.52
TMCL-60-40-800				1040	800									19.14
TMCL-60-40-1000				1240	1000									22.72
TMCL-63-40-200				440	200									8.93
TMCL-63-40-250				490	250									9.83
TMCL-63-40-300				540	300									10.73
TMCL-63-40-350				590	350									11.63
TMCL-63-40-400				640	400									12.53
TMCL-63-40-450	63	73	40	690	450	3/8 BSP	45	35	35.35	50	50	30	25	13.43
TMCL-63-40-500				740	500									14.33
TMCL-63-40-550				790	550									15.23
TMCL-63-40-600				840	600									16.13
TMCL-63-40-800				1040	800									19.83
TMCL-63-40-1000				1240	1000									23.43
TMCL-70-40-200				440	200									9.61
TMCL-70-40-250				490	250									10.59
TMCL-70-40-300				540	300									11.57
TMCL-70-40-350				590	350									12.53
TMCL-70-40-400	70	80	40	640	400	3/8 BSP	45	35	25.25	50	50	30	25	14.13
TMCL-70-40-450				690	450									14.44
TMCL-70-40-500				740	500									15.34
TMCL-70-40-550				790	550									16.43
TMCL-70-40-600				840	600									17.32
TMCL-70-40-800				1040	800									21.06
TMCL-70-40-1000				1240	1000									24.84
TMCL-80-40-200				475	200									13.22
TMCL-80-40-250				525	250									14.36
TMCL-80-40-300				575	300									15.49
TMCL-80-40-400	80	92	40	675	400	1/2 BSP	50	45	30.25	60	60	35	30	17.7
TMCL-80-40-500				775	500									19.91
TMCL-80-40-600				875	600									22.12
TMCL-80-40-800				1075	800									26.64
TMCL-80-40-1000				1275	1000									31.05

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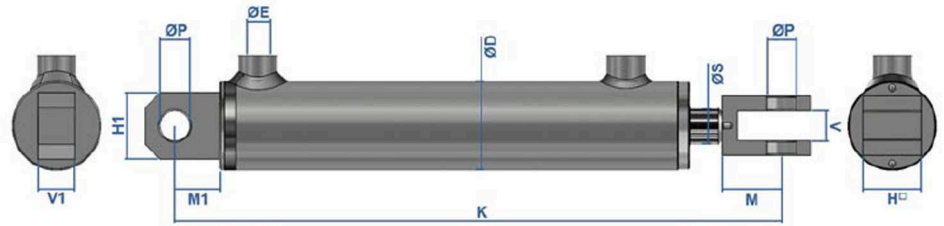
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TMCL-80-50-200				475	200									14.49
TMCL-80-50-250				525	250									15.87
TMCL-80-50-300				575	300									17.29
TMCL-80-50-400				675	400									20.39
TMCL-80-50-500	80	92	50	775	500	1/2 BSP	50	45	30.25	60	60	35	30	22.85
TMCL-80-50-600				875	600									26.14
TMCL-80-50-800				1075	800									31.64
TMCL-80-50-1000				1275	1000									37.14
TMCL-90-50-300				616	300									23.58
TMCL-90-50-400				716	400									26.92
TMCL-90-50-500				816	500									30.25
TMCL-90-50-600	90	105	50	916	600	1/2 BSP	70	60	40.25	80	70	40	40	33.58
TMCL-90-50-800				1116	800									40.25
TMCL-90-50-1000				1316	1000									48.92
TMCL-100-50-200				540	200									23.79
TMCL-100-50-250				590	250									25.79
TMCL-100-50-300	100	115	50	640	300	1/2 BSP	70	40	40.25	80	70	40	40	27.29
TMCL-100-50-400				740	400									30.79
TMCL-100-50-500				840	500									34.29
TMCL-100-50-600				940	600									37.79
TMCL-100-50-800				1140	800									44.79
TMCL-100-50-1000				1340	1000									51.79
TMCL-100-60-300				640	300									29.79
TMCL-100-60-400				740	400									33.79
TMCL-100-60-500				840	500									37.79
TMCL-100-60-600	100	115	60	940	600	1/2 BSP	70	40	40.25	80	70	40	40	41.79
TMCL-100-60-800				1140	800									50.29
TMCL-100-60-1000				1340	1000									58.79

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