



MMT SERIES

- ▶ Ideal for medium duty applications upto 160 kg/cm²
- ▶ Bore and Rod sizes as per CETOP, ISO and BIS standards
- ▶ Tubes Microhoned to optimum surface finish 0.4 Micron Ra or better
- ▶ Induction hardened and hard chrome plated piston rods for dent and corrosion resistance and for long seal life
- ▶ Low friction advanced sealing systems with wide working temperature range -30°C to +100°C



MANSCO HYDRAULIC CYLINDERS

ORDERING DETAILS

MMT - 50 - 22 - 500 - NC - FM - RM - 02

Medium series

Tie rod construction
Pressure upto 160 kg/cm²

Bore size

Ram size

Stroke length

Cushioning

NC - Non Cushioned
CC - Cushioned at cap end only
CH - Cushioned at head end only
CB - Cushioned at both ends

Catalogue Number

Rod End Mounting Details

RT - Male Threaded End
RF - Female Clevis
RS - Spherical Bearing Clevis
RM - Male Clevis

Cylinder Mounting Details

FM - Flange Mounting - Head End
BM - Flange Mounting - Cap End
CM - Clevis Mounting - Cap End
EM - Eye Mounting - Cap End
LM - Side Lugs Mounting
TM - Trunnion Mounting

Manufacturers :

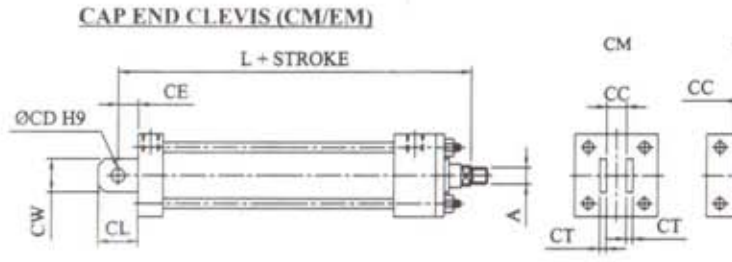
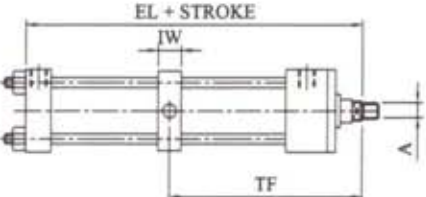
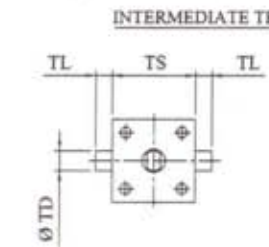
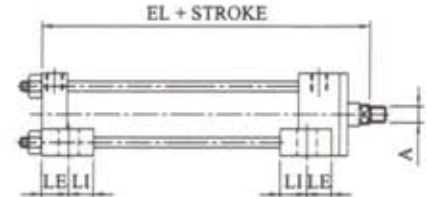
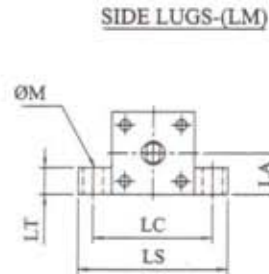
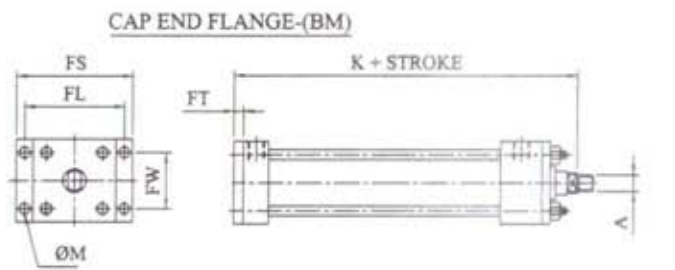
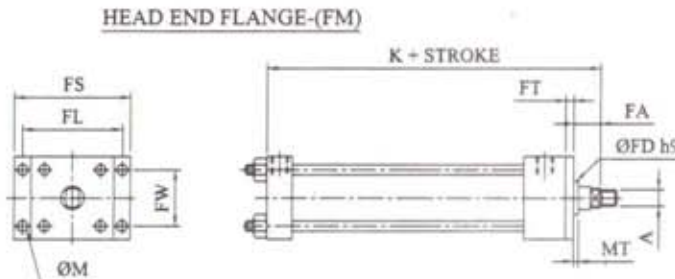
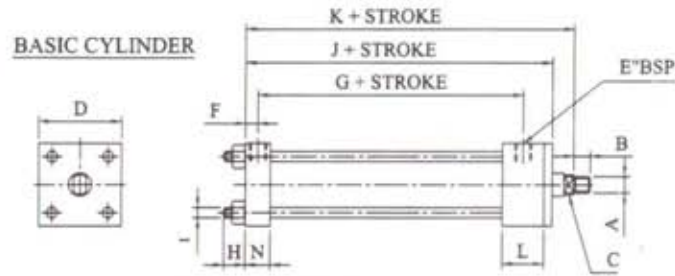


Mansco Fluidtek Private Limited
No. 4, Sidco Industrial Estate,
Malumichampatti, Coimbatore - 641 021.
Tel : 0422 - 2655604, 2655605
Fax : 0422- 2528221
www.mantechsystems.com



MMT SERIES - HYDRAULIC CYLINDERS

SPECIFICATIONS



MAX. OPERATING PRESSURE : 160 kg/sq.cm.
 TEMPERATURE : -30°C TO 100°C
 MEDIUM : HYDRAULIC (MINERAL OIL)
 SYMBOL :
 STROKE : UPTO 1000mm

RECOMMENDED STROKES AS PER IS:10411
 25,50,80,100,160,200,250,320,400, & 500MM
 AN EXTENSION OF THE ABOVE RANGES MAY, IF
 REQUIRED, BE MADE USING THE R10 SERIES OF
 PREFERRED NUMBERS.

OUR RANGE INCLUDES

MMW SERIES
 MEDIUM WELDED SERIES...
 MAX. OPERATING PRESSURE : 160 kg/sq.cm.
 BORE DIA : 40mm to 125mm.
 STROKE : UPTO 3000mm.

MBH SERIES
 HEAVY BOLTED SERIES...
 MAX. OPERATING PRESSURE : 300 kg/sq.cm
 BORE DIA : 40mm to 320mm.
 STROKE : UPTO 3000mm.

NOTE :
 DUE TO CONTINUOUS IMPROVEMENTS IN DESIGN,
 WE RESERVE THE RIGHT TO CHANGE THE
 SPECIFICATION WITHOUT PRIOR NOTICE.

ALL DIMENSIONS ARE IN MM.

		BASIC CYLINDER													HEAD/CAP END FLANGE-(FM/BM)						CAP END CLEVIS (CM/EM)						SIDE LUGS-(LM)						TRUNNION (TM)											
Bore Dia	Rod Dia	A	B	C	D	E	F	G	H	I	J	K	L	N	FA	FT	MT	ØFD	FS	FL	FW	ØM	K	CE	CT	CC	ØCD	CL	CW	L	LI	LE	LC	LS	ØM	LA	LT	EL	ØTD	TL	IW	EL	TS	TF
25	12	M10x1.5	10	10	50	1/4"	15	70	12	M8x1.25	118	131	30	25	13	16	3	25	80	66	34	9	134	15	10	18	12	32	30	175	24	10	70	90	6.8	31	12	105	14	18	30	150	50	
40	18	M14x1.5	18	13	60	1/2"	16	112	12	M8x1.25	182	209	60	32	32	16	5	40	108	87	44	11	220 230	19	12	20	14	36	34	233	24	10	83	102	11	31	12	214	25	25	32	214	60	
50	18	M14x1.5	18	13	75	1/2"	16	112	15	M12x1.5	154	181	32	32	32	16	5	44	130	105	54	14	192 225	32	16	30	20	61	58	208 241	40	15	102	127	14	37.5	20	176 209	32	32	40	176	75	
63	22	M16x1.5	22	17	88	1/2"	16	112	15	M12x1.5	154	181	32	32	32	16	5	50	142	117	65	14	192	32	16	30	20	61	58	208	40	18	124	160	20	44	25	176	32	32	40	176	88	
80	28	M20x1.5	28	24	114	3/4"	19	128	20	M16x1.5	176	203	38	38	32	20	5	60	180	149	83	18	218	39	20	40	28	73	68	237	45	20	149	185	20	57	30	198	36	36	45	198	114	
100	36	M27x2.0	38	30	125	3/4"	19	128	25	M16x1.5	176	203	38	38	32	25	5	70	194	162	97	18	223	54	25	50	36	104	100	252	45	22	172	216	25	62.5	32	198	40	40	50	198	125	
125	45	M33x2.0	45	36	165	3/4"	19	135	25	M22x1.5	188	215	43	38	32	25	5	85	248	208	126	22	235	57	32	60	45	110	106	267	45	25	210	254	25	82.5	32	210	40	40	50	210	165	

TO BE SPECIFIED BY THE CUSTOMER.