



MMW 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

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

Medium series

Welded 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 :

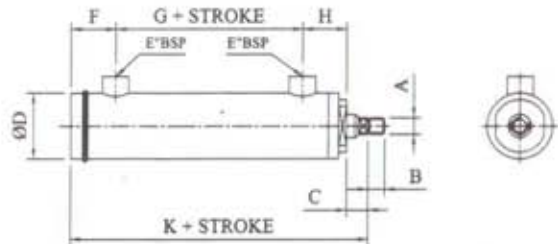


Mansco Fluidtek Private Limited
No. 4, Sidco Industrial Estate,
Malumichampatti, Coimbatore - 641 021.
Tel : 0422 - 2655604, 2655605
Fax : 0422- 2528221
www.mantechsystems.com

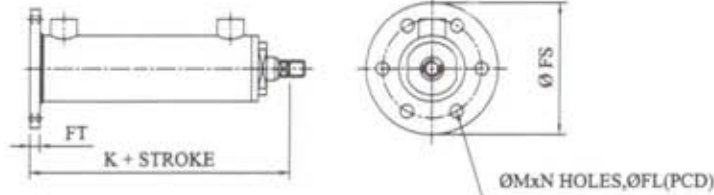


MMW SERIES - HYDRAULIC CYLINDERS

BASIC CYLINDER



CAP END FLANGE-(BM)

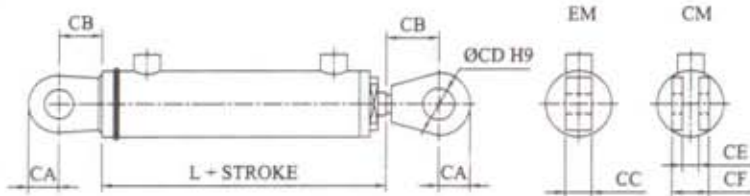


SPECIFICATIONS

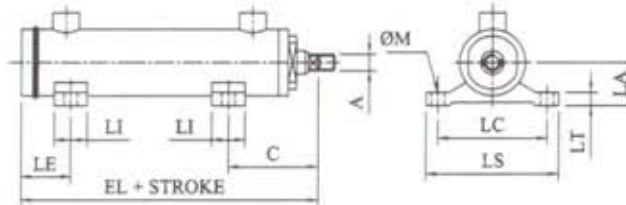
- MAX OPERATING PRESSURE : 160 kg/sq.cm.
- TEMPERATURE : -30°C TO 100°C
- MEDIUM : HYDRAULIC (MINERAL OIL)
- SYMBOL :
- STROKE : UPTO 3000mm

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.

BOTH END CLEVIS-(CM/EM)



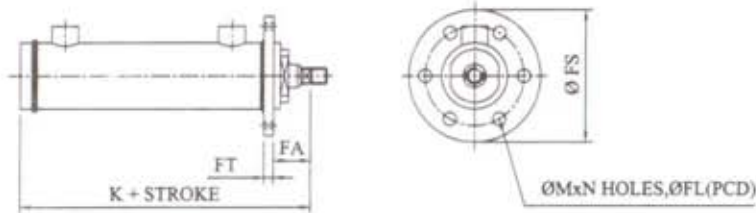
SIDE LUG-(LM)



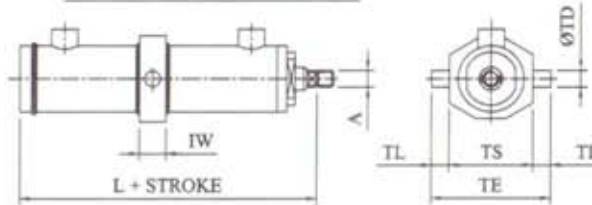
OUR RANGE INCLUDES

- MMT SERIES
- MEDIUM TIER OD SERIES
- MAX. OPERATING PRESSURE : 160 kg/sq.cm.
- BORE DIA : 25mm to 125mm.
- STROKE : UPTO 1000mm.

HEAD END FLANGE-(FM)



INTERMEDIATE TRUNNION-(TM)



- 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)					BOTH END CLEVIS-(CM/EM)					SIDE LUG-(LM)							INTERMEDIATE TRUNNION-(TM)										
BORE DIA	ROD DIA	A	B	D	E	F	G	K	C	H	FT	FA	FS	FL	M	N	K	CF	CE	CC	ØCD	CB	CA	L	LE	LI	LA	LT	LC	LS	ØM	EL	C	IW	TL	TS	ØTD	TE	L
40	18 22	M16x1.5 M18x1.5	18	50	3/8"	29	39	140	20	50	12	30	110	90	11	4	141	35	15	20	20	30	20	141	35	30	32	12	80	110	11	141	55	30	20	65	20	105	141
50	22 28	M18x1.5 M24x2	18 23	60	3/8"	29	41	150	20	57	16	35	125	95	13	6	150	40	20	25	25	35	25	150	35	30	38	12	90	120	11	150	60	30	20	75	20	115	150
63	28 36	M24x2	23	75	3/8"	29	41	153	20	60	18	35	137	107	13	6	153	45	25	30	30	40	30	153	40	35	47	15	115	150	13	153	62	35	25	90	25	140	153
80	36 45	M27x2 M30x2	30	95	1/2"	35	47	190	20	78	18	40	160	130	13	6	190	65	35	40	35	50	35	190	45	40	58	20	140	185	17	190	70	45	35	115	35	185	190
100	45 70	M30x2 M56x2	30 56	115	1/2"	35	47	208	25	91	20	45	185	150	15	6	208	70	40	45	45	60	45	208	45	40	80	25	175	225	17	208	75	50	40	140	40	220	208
125	70 90	M56x2 M64x2	56 64	145	3/4"	44	50	228	25	95	25	45	235	190	17	6	228	85	45	50	50	70	50	228	50	45	95	25	215	265	21	228	80	55	45	175	45	265	228