Not Just Machines - We make Relations

K.K MACHINERIES PVT. LTD.

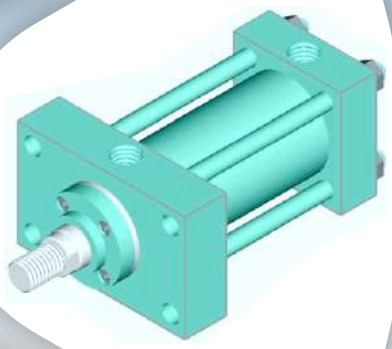
Manufacturers of
Hydraulic & Pneumatic Cylinders & Power Pack

An ISO 9001:2015 Company

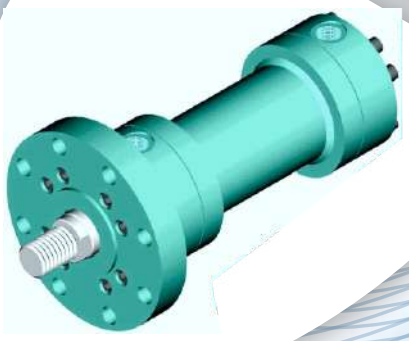












INTRODUCTION AND HISTORY

K. K. Machineries is a leading supplier of Hydraulic & Pneumatic Cylinders for Steel Plants, Sugar Mills, Rolling Mill, Power Plants and other Industrial ancillaries for the past 20 years.

The company has an advanced manufacturing facility located at Indian Corporation, Bhiwandi, Thane.

With Its one subsidiary, **K. K. Machineries** can perform an extensive range of fabrication and machining operations in manufacturing facilities spread over 30,000 Sq. Ft.

We have personally conducted business in domestic as well as international market around the globe and we continue to expand our reach and success with every opportunity, we encounter.

It is our mission ***to create the highest possible value for our customers and our partners.***

K K Machineries is a company that focuses on the design and production of Hydraulic Cylinders: Double-Acting Cylinders, Single-Acting Cylinders, and their components.

The company is engaged in the manufacture and sales of Hydraulic & Pneumatic Cylinders, Chrome-Plated Piston Rods/Bars, Hydraulic Seals, Rod Ends, Bearings, Bushings, Hydraulic Components and other components for the production of Hydraulic Cylinders.

Our state-of-the-art equipment allows us to manufacture products at the earliest in accordance with the most complex demands of our clients.

Hydraulic Cylinder Selection Procedures

- Selection of cylinder bore
- Check of cylinder speed
- Selection of mounting style
- Selection of piston rod diameter
- Selection of packing material
- Selection of cushions
- Selection of bellows



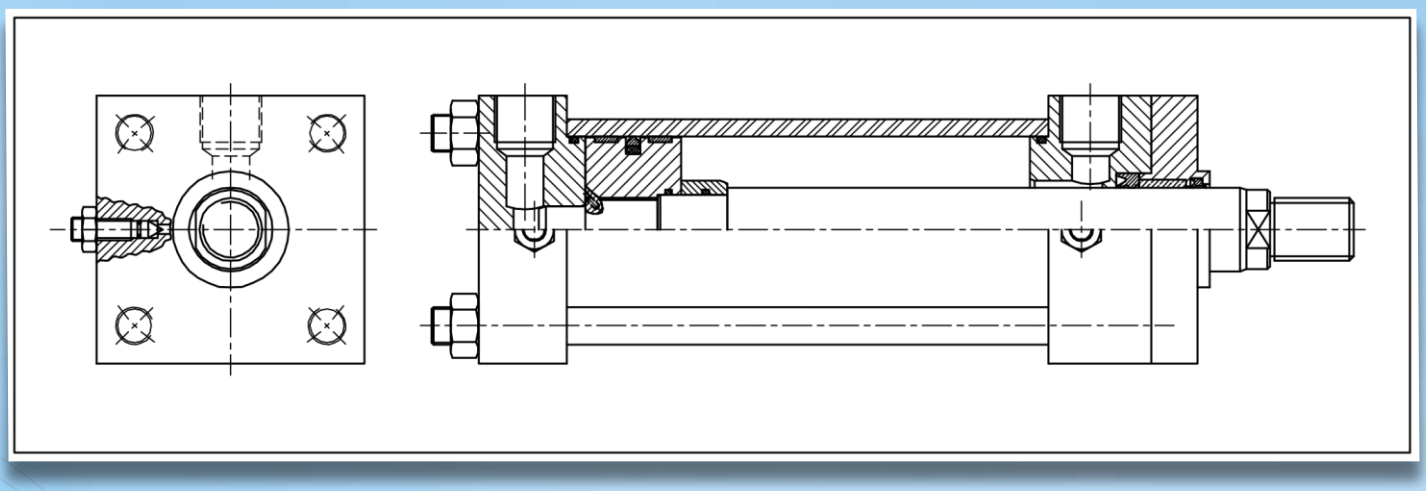
QUALITY

KKM concentrates on quality starting in the planning stage of the products and that focus continues during the purchase of raw materials and the intermediate and final inspection.

To ensure the quality of our products, we carry out 100% final inspection. Quality is managed in accordance with ISO Standard.

CONSTRUCTION DETAIL

HYDRAULIC CYLINDER



KKM Hydraulic Cylinders as per ISO 6020/2:2006 (E) are of Compact design and suitable for working pressure up to 160 BAR with the following construction details:

BARREL : Made from cold drawn seamless steel tubes and honed to a surface finish of 0.4 micron and higher.

PISTON RODS : Made from Medium Carbon Steel, accurately ground, hard chrome plated and super finished.

COVER PLATES: Fine machined from steel , and constructed with a sturdy design to withstand high pressure loads.

GLAND: Phosphor Bronze or Gun Metal bush inserted for smooth operation of the Piston Rod and for providing suitable guiding action.

TIE RODS: Made from High Tensile Steel rods tightened with hexagonal nuts for easy maintenance.

MOUNTING: Various types of mountings are available according to the requirement ensuring complete interchangeability with other ISO standard cylinders.

CUSHIONING: Self aligning cushioning boss ensures alignment of the rod movement inside the cushioning chamber, providing accurate damping action at end of stroke.

CUSHIONING SCREW: For fine adjustment of cushioning movement.

AIR BLEED: Screw provided for releasing the air trapped in the cylinder.

SEALING ELEMENTS :

PISTON SEALS: Provided with one Turcon Glydring TM for low friction. Stick / Slip free movement along with two Turcite Slydrings TM for guiding action on either side.
Conforms to ISO 7245/1.

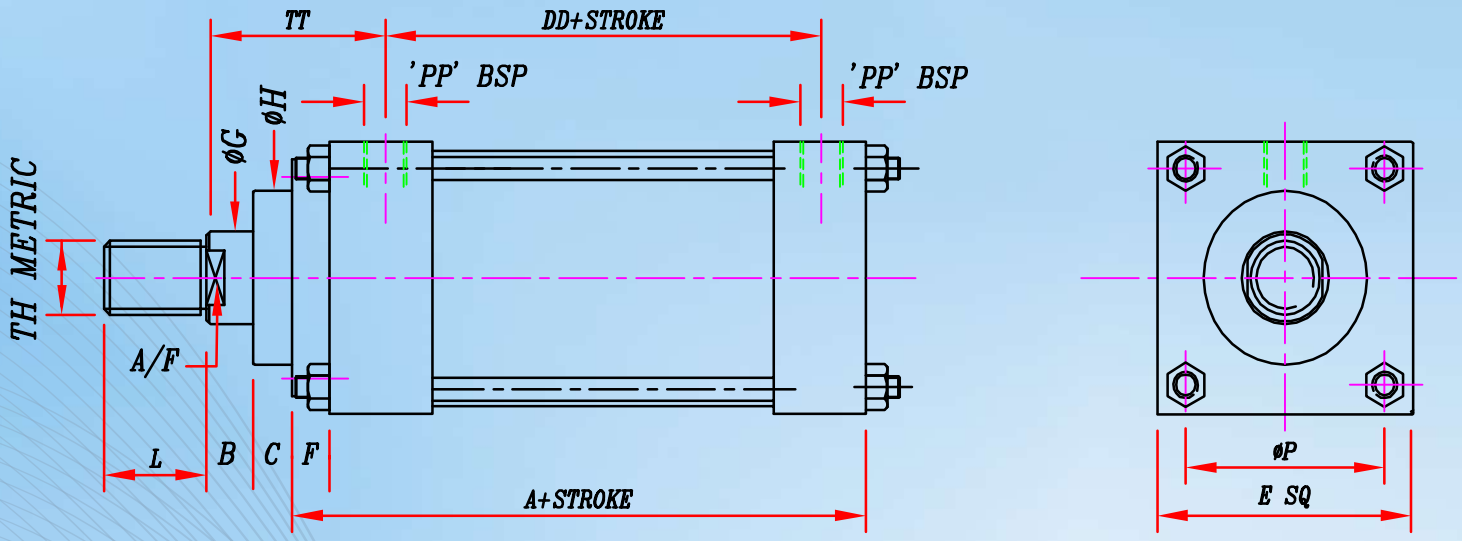
GLAND SEAL: Polyurethane RU3 , U-CUP TM seal is used , which has primary and secondary lip for maximum flexibility .
Conforms to ISO 5597.

WIPER SEAL : DA-22 TM Double Acting Polyurethane Scraper is used conforming to ISO 6195 Type C groove dimensions . This wear resistant seal has a scraper lip which scrapes off the dirt completely from the piston rods , but leaves a residual oil firm which is required for proper lubrication.

STATIC SEALS : Nitrile Rubber 'O' Rings are used for static sealing purposes. They are used for the end seal . piston locking and cushioning seals .

HYDRAULIC CYLINDER

BASIC CYLINDER (160 BAR Series)

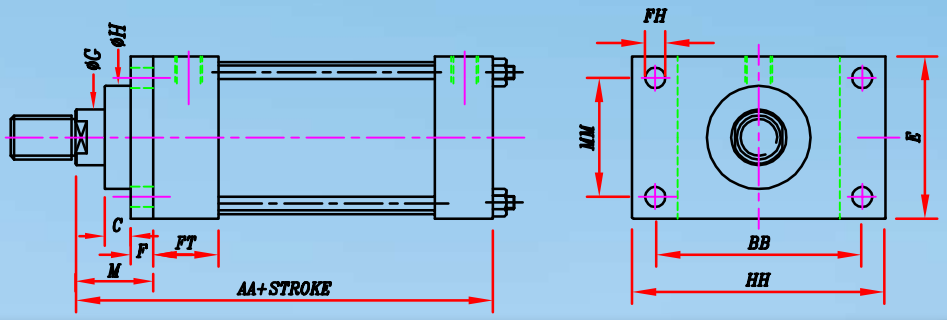


BORE	ROD G	A	B	C	TH	E	F	PP	H	L	A/F	DD	TT	P
40	18	129	15	25	14x1.5P	65	12	3/8"	35	35	14	78	79	63
50	25	138	15	30	20x1.5P	80	16	1/2"	42	42	21	82	86	78
63	28	143	15	35	22x1.5P	90	18	1/2"	45	45	23	87	89	91
80	36	160	15	45	33x2P	115	20	3/4"	60	60	32	98	103	115
100	45	183	20	55	33x2P	130	23	3/4"	70	70	36	113	121	138
125	50	185	25	60	42x3P	165	26	3/4"	75	75	43	116	131	172
160	70	219	25	80	52x3P	205	32	1"	100	100	55	137	157	215
180	80	234	30	100	72x3P	230	36	1"	110	110	73	143	189	245
200	90	263	40	110	80x3P	245	40	1-1/4"	120	120	82	172	199	265

All Dimensions are in mm unless otherwise specified

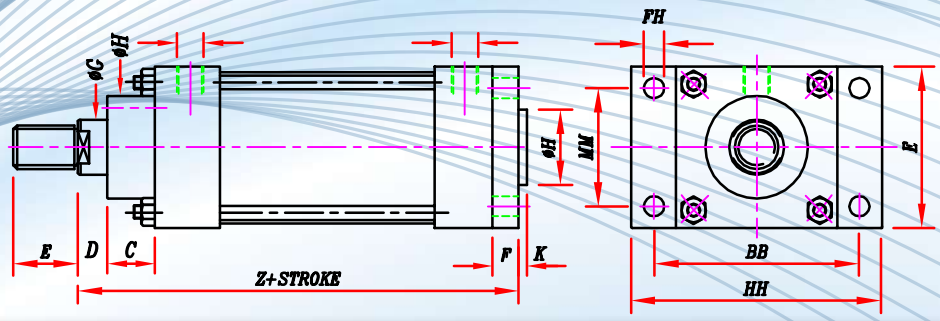
	HYDRAULIC CYLINDER 160 BAR SERIES	DRG. No.
	K.K. Machineries Pvt. Ltd. Bhiwandi, Thane (Mumbai)	

FRONT FLANGE MOUNTING (ME5)



BORE	ROD G	AA	C	F	H	FH	BB	HH	MM	E	M
40	18	168	13	12	35	11	87	108	42	65	40
50	25	183	14	16	42	14	106	132	53	80	45
63	28	194	17	18	45	14	118	146	60	90	50
80	36	220	25	20	60	18	152	188	78	115	60
100	45	257	32	23	70	18	168	205	92	130	75
125	50	270	34	26	75	22	210	255	120	165	85
160	70	324	48	32	100	26	260	313	150	205	105
180	80	364	64	36	110	33	298	365	162	230	130
200	90	403	70	40	120	33	312	380	178	245	140

REAR FLANGE MOUNTING (ME6)

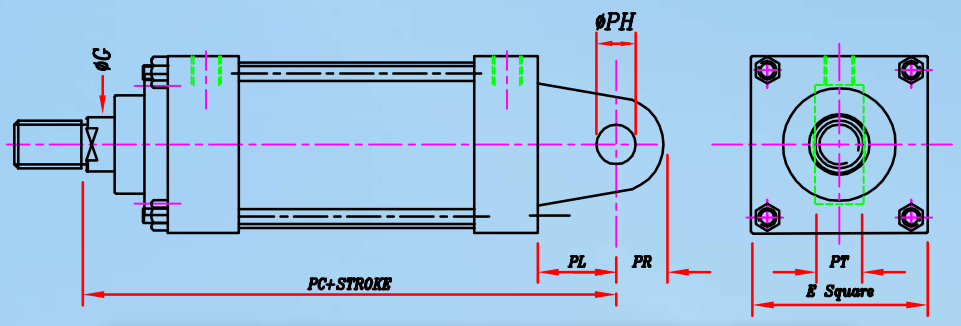


BORE	ROD G	H	K	F	FH	BB	HH	MM	E	Z
40	18	35	4	12	11	87	108	42	65	180
50	25	42	4	16	14	106	132	53	80	199
63	28	45	5	18	14	118	146	60	90	212
80	36	60	5	20	18	152	188	78	115	240
100	45	70	5	23	18	168	205	92	130	280
125	50	75	6	26	22	210	255	120	165	296
160	70	100	6	32	26	260	313	150	205	356
180	80	110	6	36	33	298	365	162	230	400
200	90	120	6	40	33	312	380	178	245	443

All Dimensions are in mm unless otherwise specified

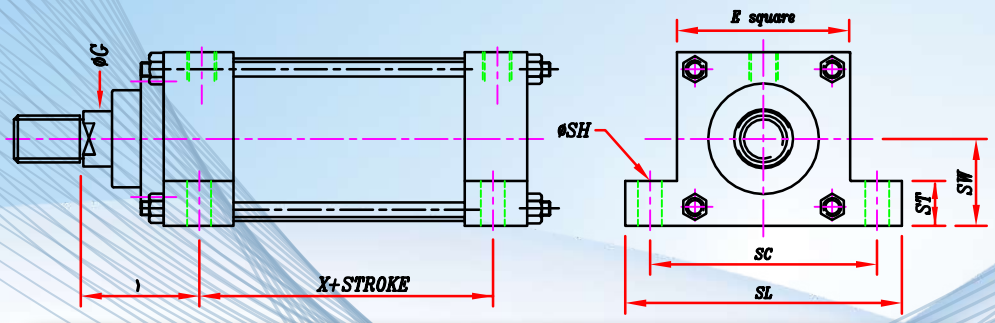
	HYDRAULIC CYLINDER 160 BAR SERIES	DRG. No.
	K.K. Machineries Pvt. Ltd. Bhiwandi, Thane (Mumbai)	

REAR PIVOT MOUNTING (MP3)



BORE	ROD G	E	PC	PL	PR	PH	PT
40	18	65	200	20	14	12	20
50	25	80	228	30	22	20	30
63	28	90	240	30	22	20	30
80	36	115	282	42	30	28	40
100	45	130	327	50	38	36	50
125	50	165	357	65	46	45	60
160	70	205	428	75	58	56	70
180	80	230	496	100	78	70	80
200	90	245	538	100	80	75	80

SIDE LUG MOUTNING (MS2)

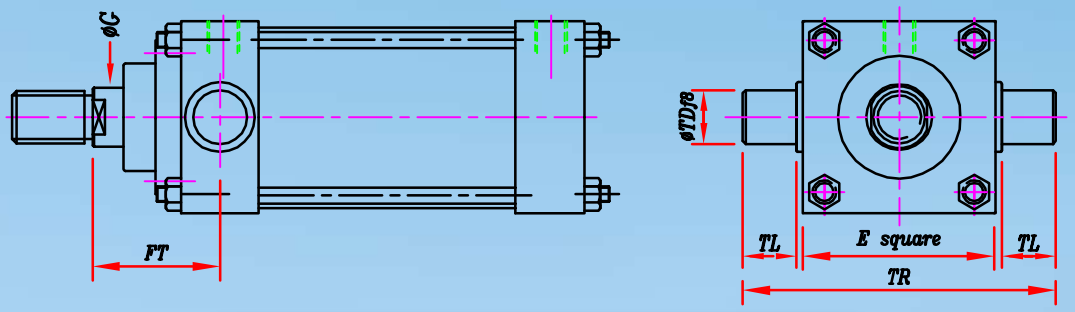


BORE	ROD G	E	SC	SL	ST	SH	SW	X	Y
40	18	65	88	110	13	11	32.5	86	66
50	25	80	108	135	18	14	40	93	74
63	28	90	125	158	26	17	45	98.5	79.5
80	36	115	152	188	26	18	57.5	108	92
100	45	130	180	230	30	26	65	130	106.5
125	50	165	217	268	32	26	82.5	133	116.5
160	70	205	272	340	38	33	102.5	157	141
180	80	230	310	390	42	37	115	167	170
200	90	245	325	405	45	39	112.5	191	183

All Dimensions are in mm unless otherwise specified

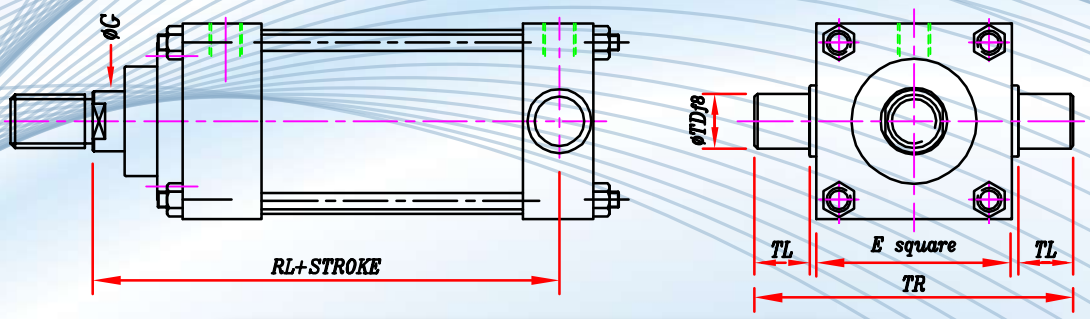
	HYDRAULIC CYLINDER 160 BAR SERIES	DRG. No.
	K.K. Machineries Pvt. Ltd. Bhiwandi, Thane (Mumbai)	

FRONT TRUNNION MOUNTING (MT-1)



BORE	ROD G	E	TD	TL	FT	TR
40	18	65	20	20	66	110
50	25	80	25	25	74	135
63	28	90	32	32	80	159
80	36	115	40	40	92	200
100	45	130	45	45	106	225
125	50	165	50	50	116	270
160	70	205	65	65	141	340
180	80	230	70	70	170	375
200	90	245	80	80	183	410

REAR TRUNNOIN MOUNTING (MT-2)

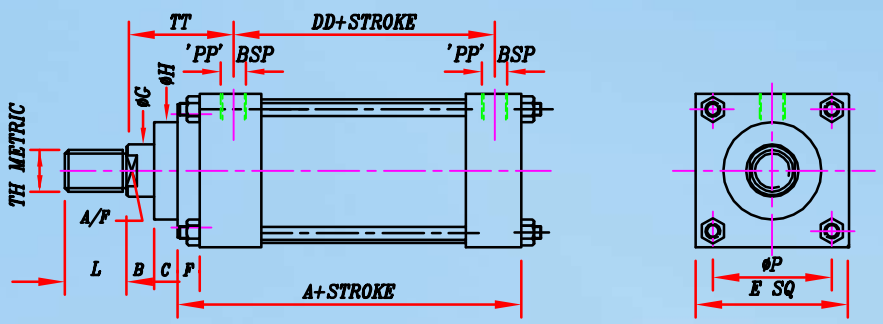


BORE	ROD G	E	TD	TL	RL	TR
40	18	65	20	20	152	110
50	25	80	25	25	167	135
63	28	90	32	32	178	159
80	36	115	40	40	200	200
100	45	130	45	45	241	225
125	50	165	50	50	257	270
160	70	205	65	65	306	340
180	80	230	70	70	346	375
200	90	245	80	80	386	410

All Dimensions are in mm unless otherwise specified

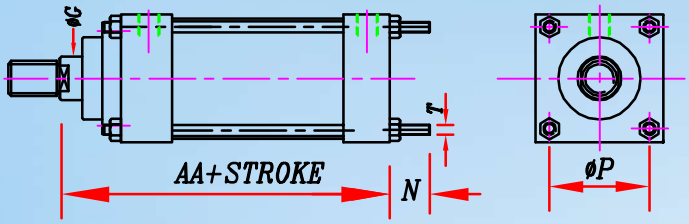
	HYDRAULIC CYLINDER 160 BAR SERIES	DRG. No.
	K.K. Machineries Pvt. Ltd. Bhiwandi, Thane (Mumbai)	

STANDARD MOUNTING STYLES (PNEUMATIC CYLINDER)

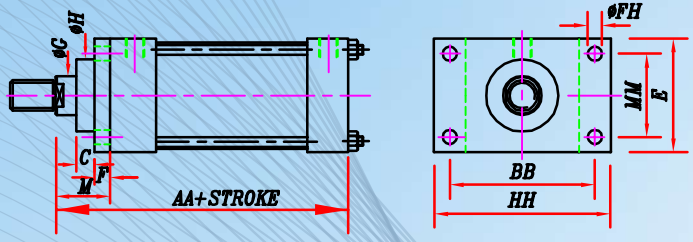


BASIC CYLINDER

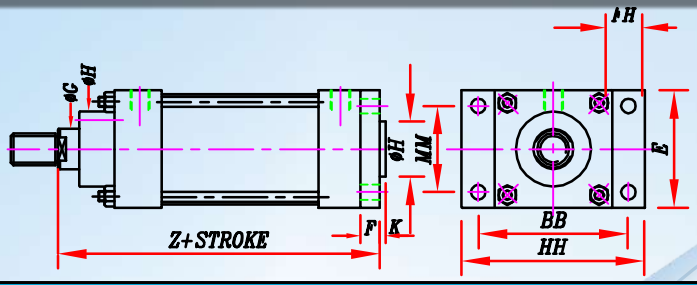
TIE-BAR MOUNTING



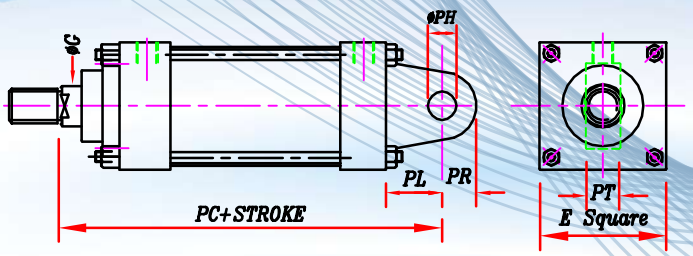
FRONT FLANGE MOUNTING



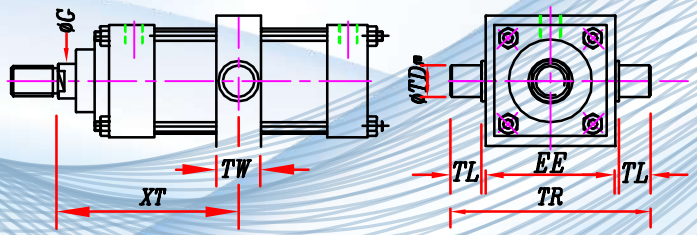
REAR FLANGE MOUNTING



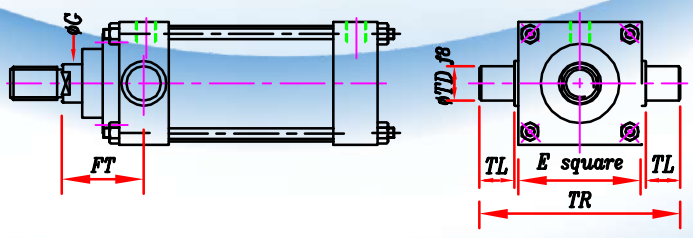
CAP EYE MOUNTING



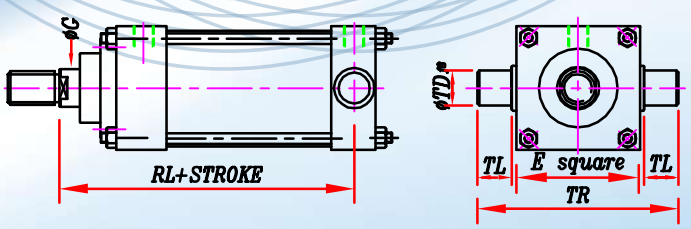
INTERMEDIATE TRUNNION MOUNTING



FRONT TRUNNION MOUNTING



REAR TRUNNION MOUNTING



All Dimensions are in mm unless otherwise specified

	PNEUMATIC CYLINDER 10 BAR SERIES	DRG. No.
	K.K. Machineries Pvt. Ltd. Bhiwandi, Thane (Mumbai)	

DIMENSIONS CHART (PNEUMATIC CYLINDER)

BASIC CYLINDER (7 BAR SERIES)

BORE	ROD G	A	B	C	TH	E	F	PP	H	L	A/F	DD	TT	P
40	16	89	10	10	12x1.5P	50	10	1/4"	35	20	13	55	46	55
50	16	99	10	10	12x1.5P	64	10	1/4"	35	20	13	62	46	70
63	20	101	10	15	16x1.5P	72	10	1/4"	40	25	17	68	48	82
80	25	116	15	16	24x2P	90	14	3/8"	45	35	24	72	63	100
100	32	116	15	26	30x2P	115	14	3/8"	55	45	30	72	72	128
125	32	125	15	22	30x2P	142	18	1/2"	55	45	30	76	73	155
150	40	134	20	30	36x2P	170	20	1/2"	70	55	36	82	88	185
200	40	161	20	28	36x2P	220	22	3/4"	70	55	36	102	91	235
250	50	174	25	35	45x2P	275	25	3/4"	80	70	46	108	107	296
300	50	197	25	32	45x2P	325	28	1"	80	70	46	122	109	350

FRONT FLANGE MOUNTING

BORE	ROD G	AA	C	F	H	FH	BB	HH	MM	E	M
40	16	111	10	10	35	9	65	82	65	50	30
50	16	119	10	10	35	9	82	100	82	64	35
63	20	126	15	10	40	9	90	106	90	72	40
80	25	147	16	14	45	11	112	135	112	90	45
100	32	157	26	14	55	11	135	155	135	115	55
125	32	162	22	18	55	13	170	200	170	142	55
150	40	184	30	20	70	15	200	230	200	170	70
200	40	209	28	22	70	17	252	285	252	220	70
250	50	234	35	25	80	21	315	355	315	275	85
300	50	254	32	28	80	26	380	430	380	325	85

CAP EYE MOUNTING

BORE	ROD G	E	PC	PL	PR	PH	PT
40	16	50	134	25	12	10	15
50	16	64	149	30	14	12	18
63	20	72	156	30	14	12	18
80	25	90	191	40	18	16	24
100	32	115	197	40	18	16	24
125	32	142	202	40	22	20	30
150	40	170	224	40	22	20	40
200	40	220	249	40	27	25	45
250	50	275	284	50	32	30	55
300	50	325	314	60	42	40	65

REAR FLANGE MOUNTING

BORE	ROD G	H	K	F	FH	BB	HH	MM	E	Z
40	16	35	4	10	9	65	82	35	50	119
50	16	35	4	10	9	82	100	48	64	129
63	20	40	5	10	9	90	106	55	72	136
80	25	45	5	14	11	112	135	70	90	156
100	32	55	5	14	11	135	155	90	115	171
125	32	55	6	18	13	170	200	115	142	180
150	40	70	6	20	15	200	230	135	170	204
200	40	70	6	22	17	252	285	180	220	231
250	50	80	6	25	21	315	355	230	275	259
300	50	80	6	28	26	380	430	275	325	282

TIE-BAR MOUNTING

BORE	ROD G	AA	N	T	P
40	16	111	20	M8	55
50	16	119	20	M8	70
63	20	126	20	M8	82
80	25	147	25	M10	100
100	32	157	25	M10	128
125	32	162	30	M12	155
150	40	184	35	M12	185
200	40	209	40	M16	235
250	50	234	50	M20	296
300	50	254	60	M24	350

FRONT TRUNNION

BORE	ROD G	E	TD	TL	FT	TR
40	16	50	16	16	42	90
50	16	64	16	16	42	104
63	20	72	20	20	47	122
80	25	90	20	20	57	140
100	32	115	20	20	60	165
125	32	142	25	25	60	200
150	40	170	28	28	89	238
200	40	220	30	30	94	290
250	50	275	35	35	109	355
300	50	325	40	40	112	415

REAR TRUNNION

BORE	ROD G	E	TD	TL	RL	TR
40	16	50	16	16	101	90
50	16	64	16	16	109	104
63	20	72	20	20	114	122
80	25	90	20	20	137	140
100	32	115	20	20	145	165
125	32	142	25	25	150	200
150	40	170	28	28	167	238
200	40	220	30	30	188	290
250	50	275	35	35	212	355
300	50	325	40	40	226	415

CENTRE TRUNNION

BORE	ROD G	EE	TL	TD	TW	XT	TR
40	16	60	16	16	20	TO SPECIFY	100
50	16	68	16	16	20		110
63	20	80	20	20	25		125
80	25	98	20	20	25		152
100	32	120	20	20	25		165
125	32	150	25	25	30		206
150	40	180	28	28	35		240
200	40	230	30	30	35		296
250	50	290	35	35	40		366
300	50	335	40	40	45		420

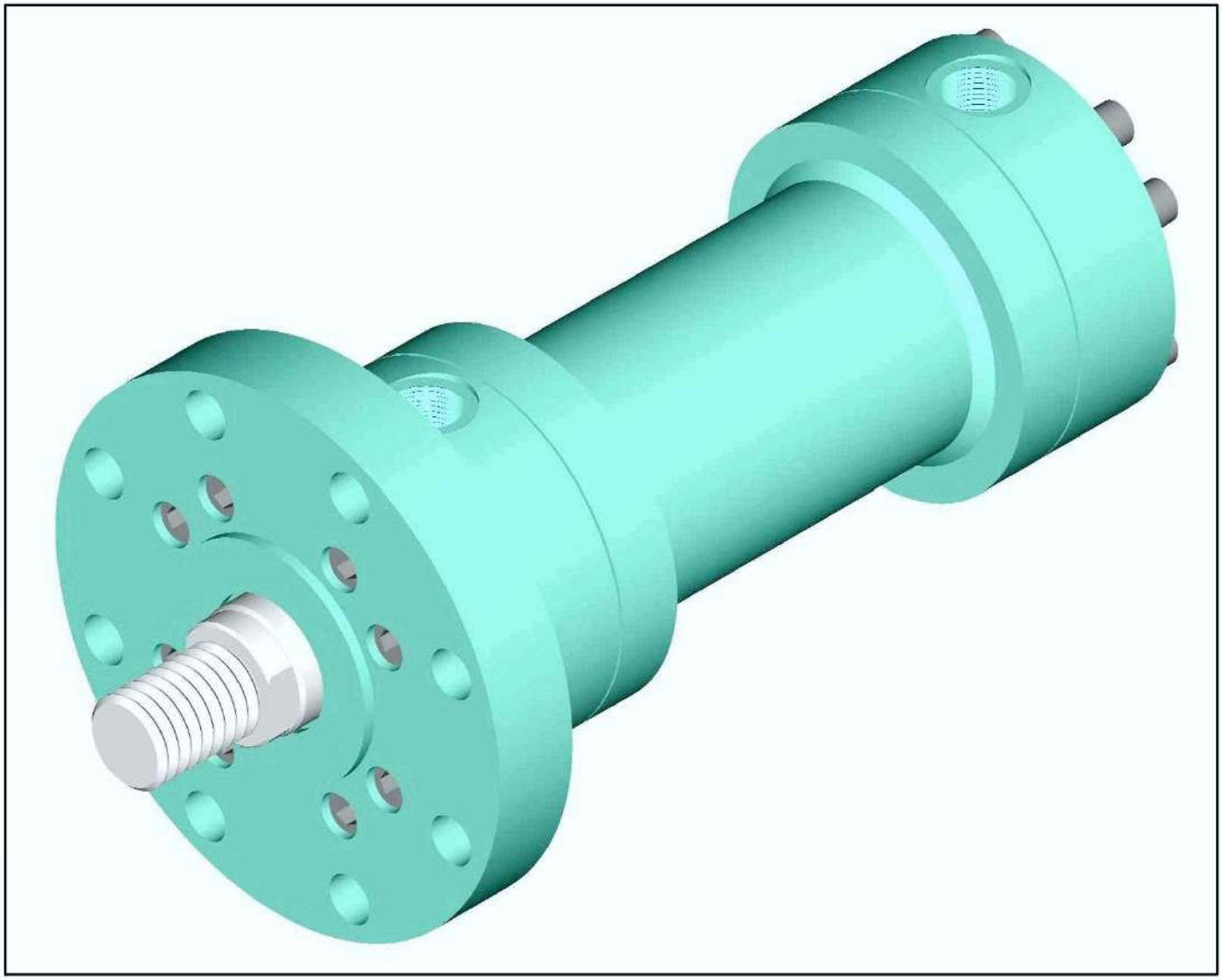
All Dimensions are in mm unless otherwise specified

	PNEUMATIC CYLINDER 10 BAR SERIES	DRG. No.
	K.K. Machineries Pvt. Ltd. Bhiwandi, Thane (Mumbai)	

K.K. MACHINERIES PVT. LTD.
Not just Machines, we make Relations !

HYDRAULIC CYLINDER

ISO 6020 / 1
MEDIUM SERIES
160 Kg/cm2.

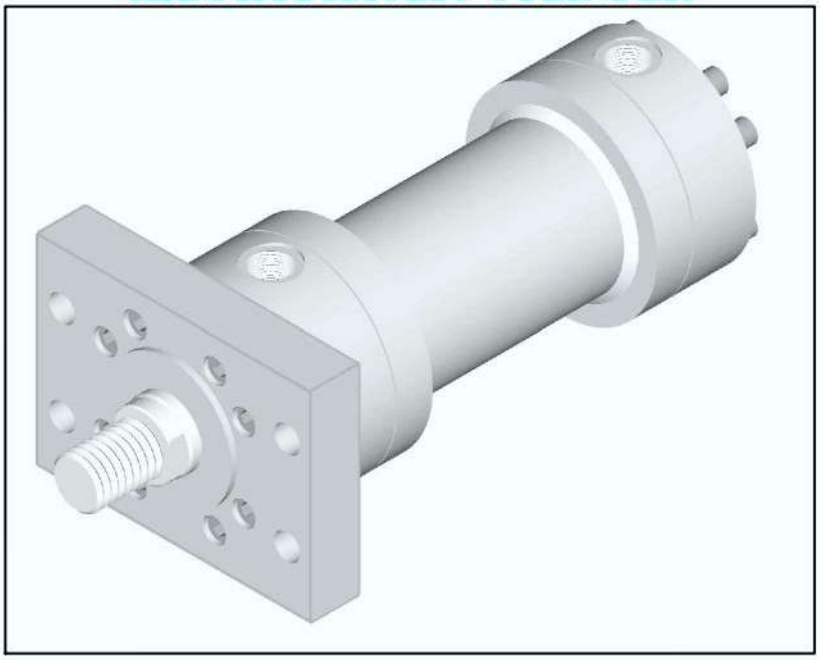


K. K. MACHINERIES PVT LTD.

(An ISO 9001:2015 Company)

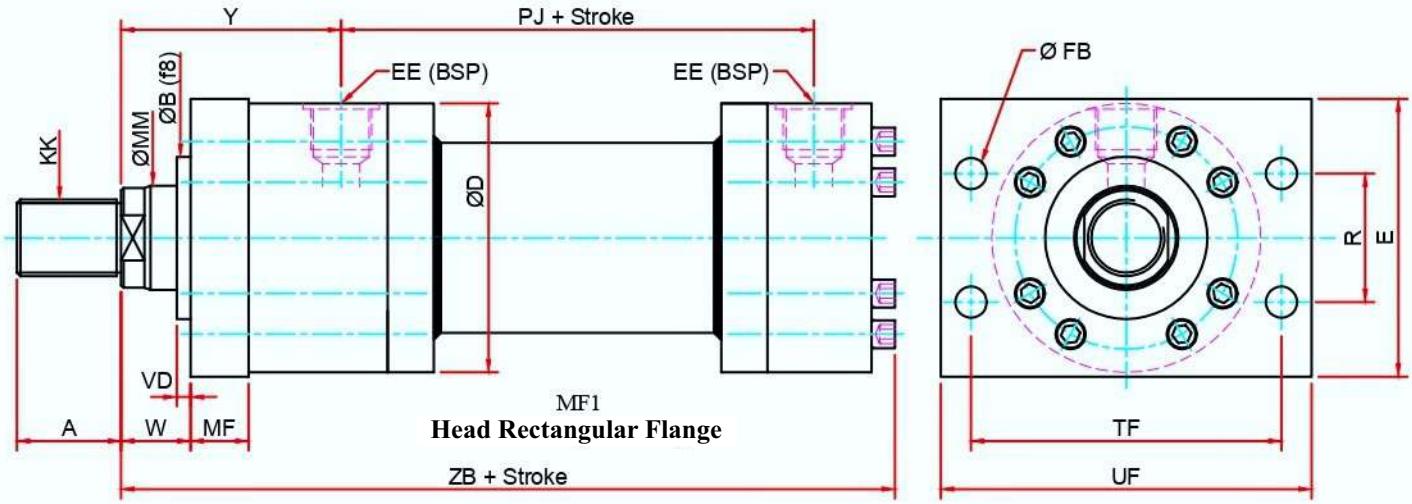
Reg.Office & Mfg. Unit
Bldg No-145/154 ,Unit No.4 , Indian Corporation, Mankoli Naka,
Dapoda, Bhiwandi, Thane – 421 302.
Tel- 02522-661829 Email kkmachineries@gmail.com Website – www.kkmachineries.in

KKM HYDRAULIC CYLINDER



MF1

ISO-6020/1



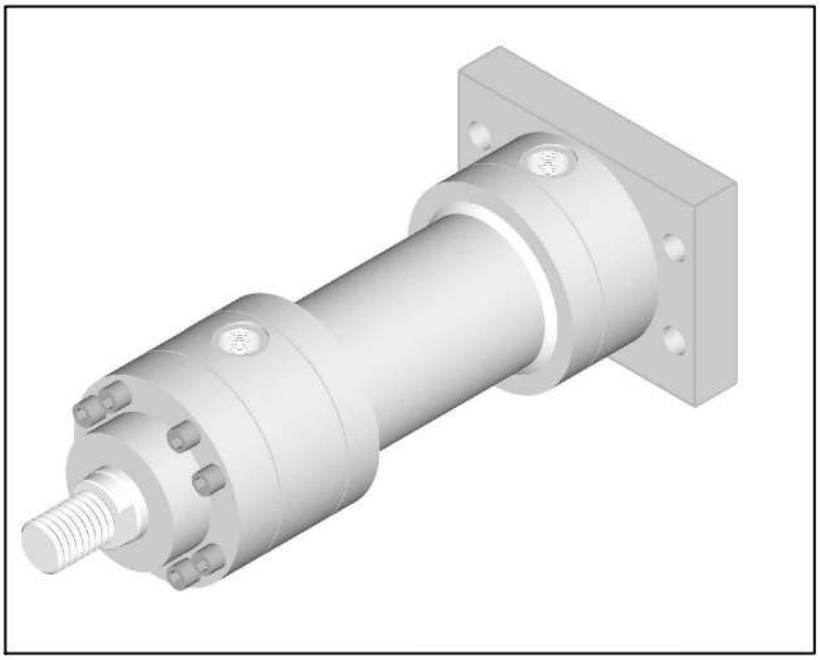
MF1

Head Rectangular Flange

BORE	MM	KK	A	D	B	W	VD	MF	EE	Y	PJ	ZB	TF	UF	R	E	FB
25	16	M12x1.25	16	56	32	16	3	12	1/4"	58	77	158	69.2	85	28.7	60	6.6
	18	M14x1.5	18														
32	18	M14x1.5	18	67	40	16	3	16	3/8"	64	89	178	85	105	35.2	70	9
	22	M16x1.5	22														
40	22	M16x1.5	22	78	50	16	3	16	1/2"	71	97	198	98	115	40.6	80	9
	28	M20x1.5	28														
50	28	M20x1.5	28	95	60	18	4	20	1/2"	72	111	213	116.4	140	48.2	100	11
	36	M27x2	36														
63	36	M27x2	36	116	70	20	4	25	3/4"	82	117	234	134	160	55.5	120	13.5
	45	M33x2	45														
80	45	M33x2	45	130	85	22	4	32	3/4"	91	134	260	152.5	185	63.1	135	17.5
	56	M42x2	56														
100	56	M42x2	56	158	106	25	5	32	1"	108	162	310	184.8	225	76.5	160	22
	70	M48x2	63														
125	70	M48x2	63	192	132	28	5	32	1"	121	174	335	217.1	255	90.2	195	22
	90	M64x3	85														

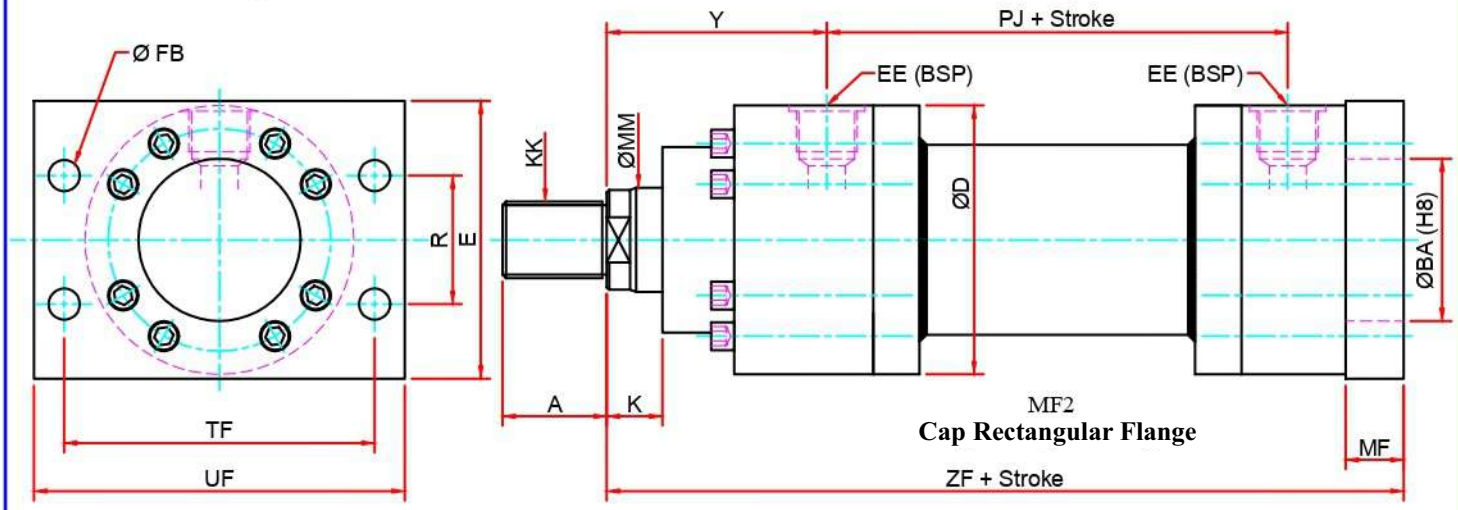
Note:- All above dimensions are in mm unless specified. Dimensions applicable for strokes upto 1500mm only. Please contact us for longer strokes.

KKM HYDRAULIC CYLINDER



MF2

ISO-6020/1



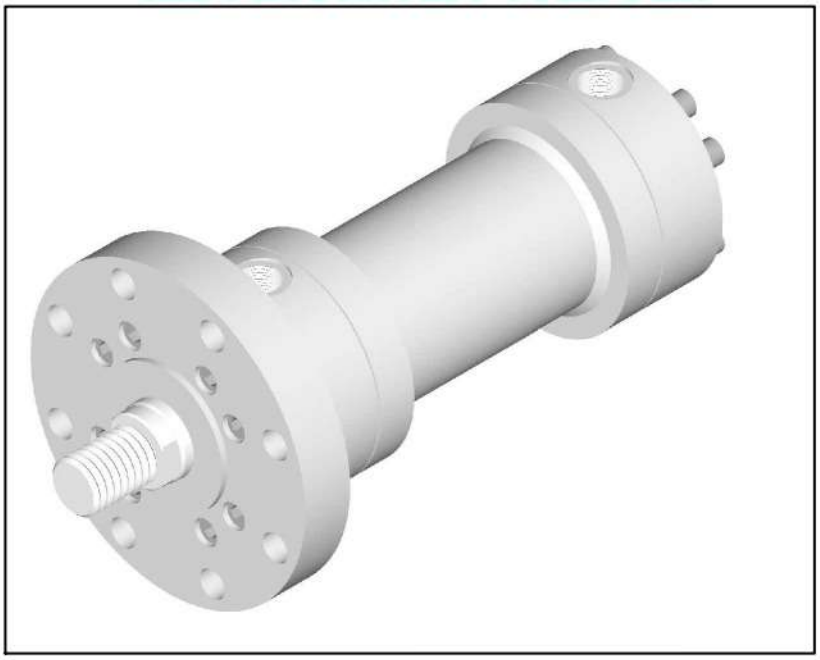
MF2

Cap Rectangular Flange

BORE	MM	KK	A	D	BA	K	MF	EE	Y	PJ	ZF	TF	UF	R	E	FB
25	16	M12x1.25	16	56	32	13	12	1/4"	58	77	162	69.2	85	28.7	60	6.6
	18	M14x1.5	18													
32	18	M14x1.5	18	67	40	13	16	3/8"	64	89	186	85	105	35.2	70	9
	22	M16x1.5	22													
40	22	M16x1.5	22	78	50	13	16	1/2"	71	97	206	98	115	40.6	80	9
	28	M20x1.5	28													
50	28	M20x1.5	28	95	60	14	20	1/2"	72	111	225	116.4	140	48.2	100	11
	36	M27x2	36													
63	36	M27x2	36	116	70	16	25	3/4"	82	117	249	134	160	55.5	120	13.5
	45	M33x2	45													
80	45	M33x2	45	130	85	18	32	3/4"	91	134	282	152.5	185	63.1	135	17.5
	56	M42x2	56													
100	56	M42x2	56	158	106	20	32	1"	108	162	332	184.8	225	76.5	160	22
	70	M48x2	63													
125	70	M48x2	63	192	132	23	32	1"	121	174	357	217.1	255	90.2	195	22
	90	M64x3	85													

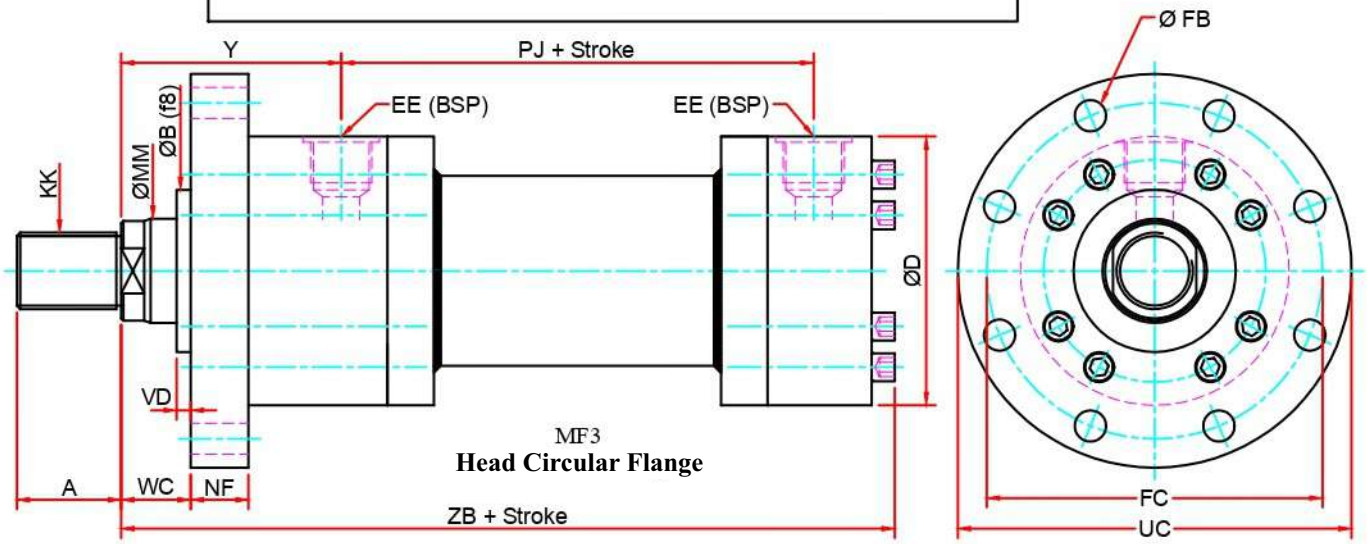
Note:- All above dimensions are in mm unless specified. Dimensions applicable for strokes upto 1500mm only. Please contact us for longer strokes.

KKM HYDRAULIC CYLINDER



MF3

ISO-6020/1



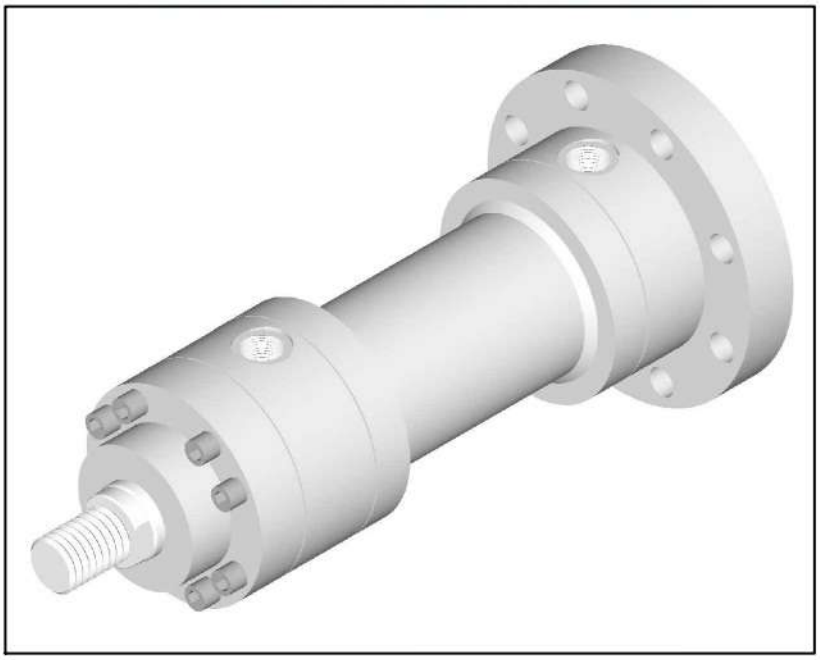
MF3

Head Circular Flange

BORE	MM	KK	A	D	B	EE	Y	PJ	ZB	NF	WC	FB	FC	UC	VD
25	16	M12x1.25	16	56	32	1/4"	58	77	158	12	16	Ø6.6x8	75	90	3
	18	M14x1.5	18												
32	18	M14x1.5	18	67	40	3/8"	64	89	178	16	16	Ø9x8	92	110	3
	22	M16x1.5	22												
40	22	M16x1.5	22	78	50	1/2"	71	97	198	16	16	Ø9x8	106	125	3
	28	M20x1.5	28												
50	28	M20x1.5	28	95	60	1/2"	72	111	213	20	18	Ø11x8	126	150	4
	36	M27x2	36												
63	36	M27x2	36	116	70	3/4"	82	117	234	25	20	Ø13.5x8	145	170	4
	45	M33x2	45												
80	45	M33x2	45	130	85	3/4"	91	134	260	32	22	Ø17.5x8	165	195	4
	56	M42x2	56												
100	56	M42x2	56	158	106	1"	108	162	310	32	25	Ø22x8	200	240	5
	70	M48x2	63												
125	70	M48x2	63	192	132	1"	121	174	335	32	28	Ø22x8	235	275	5
	90	M64x3	85												
160	90	M64x3	85	238	160	1 1/4"	143	191	380	36	30	Ø22x8	280	320	5
	110	M80x3	95												
200	110	M80x3	95	285	200	1 1/4"	190	224	480	40	35	Ø26x8	340	385	5
	140	M100x3	112												
250	140	M100x3	112	365	250	1 1/2"	205	290	580	56	40	Ø33x8	420	490	8
	180	M125x4	125												
320	180	M125x4	125	455	320	1 1/2"	250	358	710	63	45	Ø39x8	520	600	8
	220	M160x4	160												
400	220	M160x4	160	565	400	-	-	-	790	80	50	Ø45x8	640	730	10
	280	M200x4	200												
500	280	M200x4	200	645	500	-	-	-	940	100	63	Ø45x12	720	810	10
	360	M250x6	250												

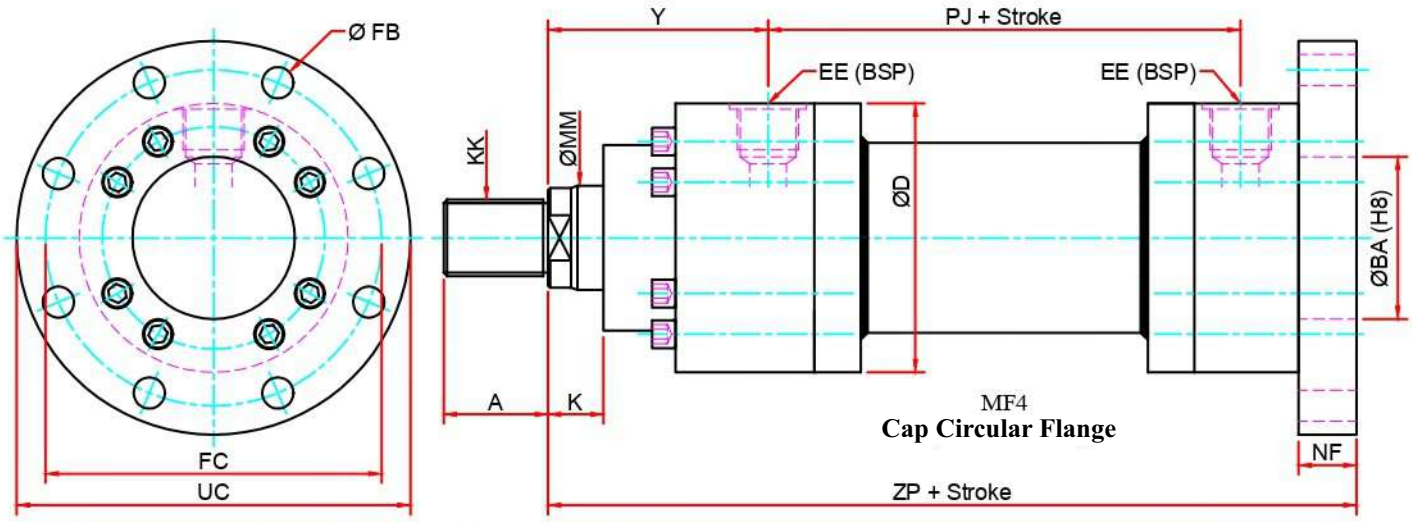
Note:- All above dimensions are in mm unless specified. Dimensions applicable for strokes upto 1500mm only. Please contact us for longer strokes.

KKM HYDRAULIC CYLINDER



MF4

ISO-6020/1



MF4

Cap Circular Flange

BORE	MM	KK	A	D	BA	EE	Y	PJ	ZP	NF	K	FB	FC	UC
25	16	M12x1.25	16	56	32	1/4"	58	77	162	12	13	Ø6.6x8	75	90
	18	M14x1.5	18											
32	18	M14x1.5	18	67	40	3/8"	64	89	186	16	13	Ø9x8	92	110
	22	M16x1.5	22											
40	22	M16x1.5	22	78	50	1/2"	71	97	206	16	13	Ø9x8	106	125
	28	M20x1.5	28											
50	28	M20x1.5	28	95	60	1/2"	72	111	225	20	14	Ø11x8	126	150
	36	M27x2	36											
63	36	M27x2	36	116	70	3/4"	82	117	249	25	16	Ø13.5x8	145	170
	45	M33x2	45											
80	45	M33x2	45	130	85	3/4"	91	134	282	32	18	Ø17.5x8	165	195
	56	M42x2	56											
100	56	M42x2	56	158	106	1"	108	162	332	32	20	Ø22x8	200	240
	70	M48x2	63											
125	70	M48x2	63	192	132	1"	121	174	357	32	23	Ø22x8	235	275
	90	M64x3	85											
160	90	M64x3	85	238	160	1 1/4"	143	191	406	36	25	Ø22x8	280	320
	110	M80x3	95											
200	110	M80x3	95	285	200	1 1/4"	190	224	490	40	30	Ø26x8	340	385
	140	M100x3	112											
250	140	M100x3	112	365	250	1 1/2"	205	290	606	56	32	Ø33x8	420	490
	180	M125x4	125											
320	180	M125x4	125	455	320	1 1/2"	250	358	723	63	37	Ø39x8	520	600
	220	M160x4	160											
400	220	M160x4	160	565	400	-	-	-	820	80	40	Ø45x8	640	730
	280	M200x4	200											
500	280	M200x4	200	645	500	-	-	-	990	100	53	Ø45x12	720	810
	360	M250x6	250											

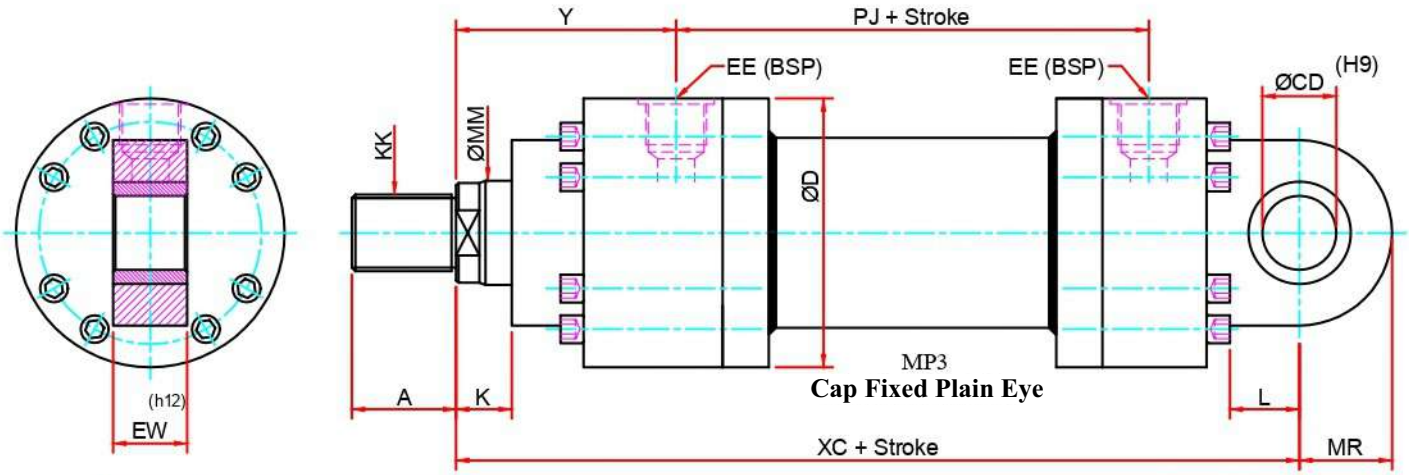
Note:- All above dimensions are in mm unless specified. Dimensions applicable for strokes upto 1500mm only. Please contact us for longer strokes.

KKM HYDRAULIC CYLINDER



MP3

ISO-6020/1



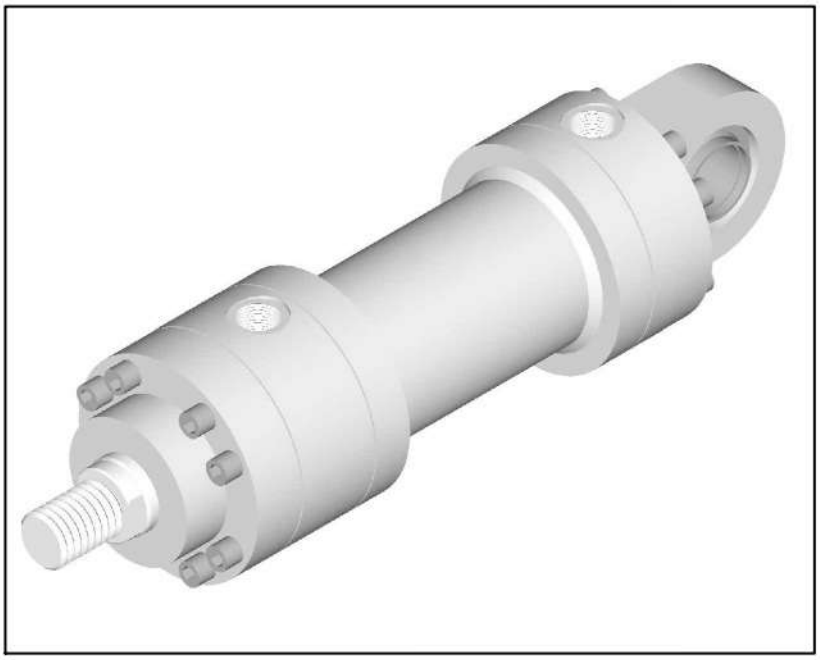
MP3

Cap Fixed Plain Eye

BORE	MM	KK	A	D	K	EE	Y	PJ	XC	CD	EW	L	MR
25	16	M12x1.25	16	56	13	1/4"	58	77	178	12	12	16	16
	18	M14x1.5	18										
32	18	M14x1.5	18	67	13	3/8"	64	89	206	16	16	20	20
	22	M16x1.5	22										
40	22	M16x1.5	22	78	13	1/2"	71	97	231	20	20	25	25
	28	M20x1.5	28										
50	28	M20x1.5	28	95	14	1/2"	72	111	257	25	25	32	32
	36	M27x2	36										
63	36	M27x2	36	116	16	3/4"	82	117	289	32	32	40	40
	45	M33x2	45										
80	45	M33x2	45	130	18	3/4"	91	134	332	40	40	50	50
	56	M42x2	56										
100	56	M42x2	56	158	20	1"	108	162	395	50	50	63	63
	70	M48x2	63										
125	70	M48x2	63	192	23	1"	121	174	428	63	63	71	71
	90	M64x3	85										
160	90	M64x3	85	238	25	1 1/4"	143	191	505	80	80	90	90
	110	M80x3	95										
200	110	M80x3	95	285	30	1 1/4"	190	224	615	100	100	112	112
	140	M100x3	112										
250	140	M100x3	112	365	32	1 1/2"	205	290	773	125	125	160	160
	180	M125x4	125										
320	180	M125x4	125	455	37	1 1/2"	250	358	930	160	160	200	200
	220	M160x4	160										
400	220	M160x4	160	565	40	-	-	-	990	200	200	250	250
	280	M200x4	200										
500	280	M200x4	200	645	53	-	-	-	1210	250	250	320	320
	360	M250x6	250										

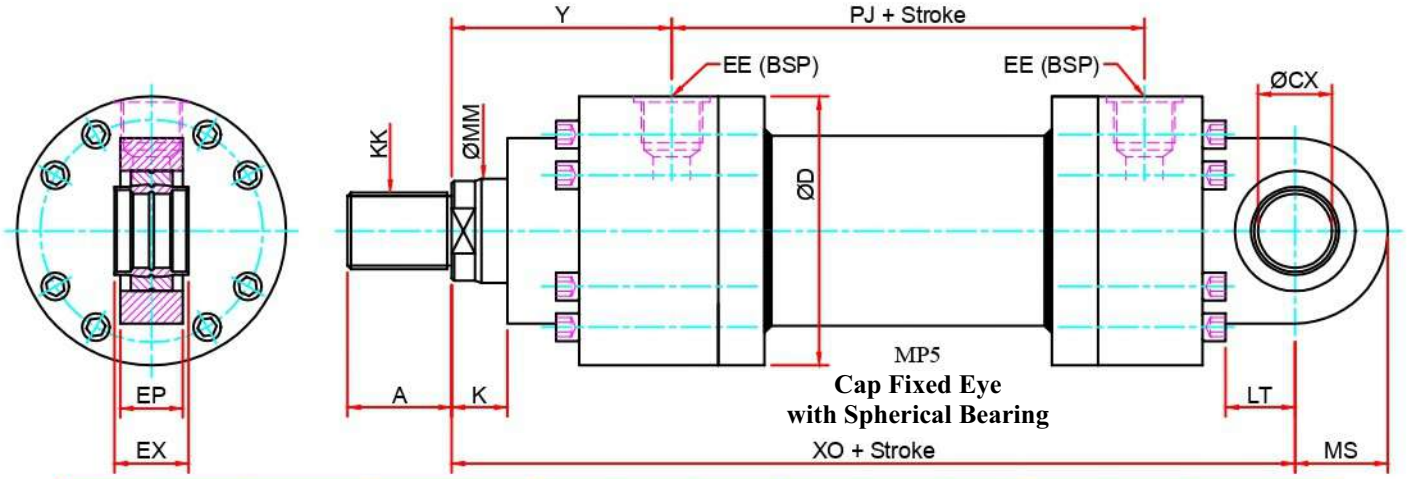
Note:- All above dimensions are in mm unless specified. Dimensions applicable for strokes upto 1500mm only. Please contact us for longer strokes.

KKM HYDRAULIC CYLINDER



MP5

ISO-6020/1

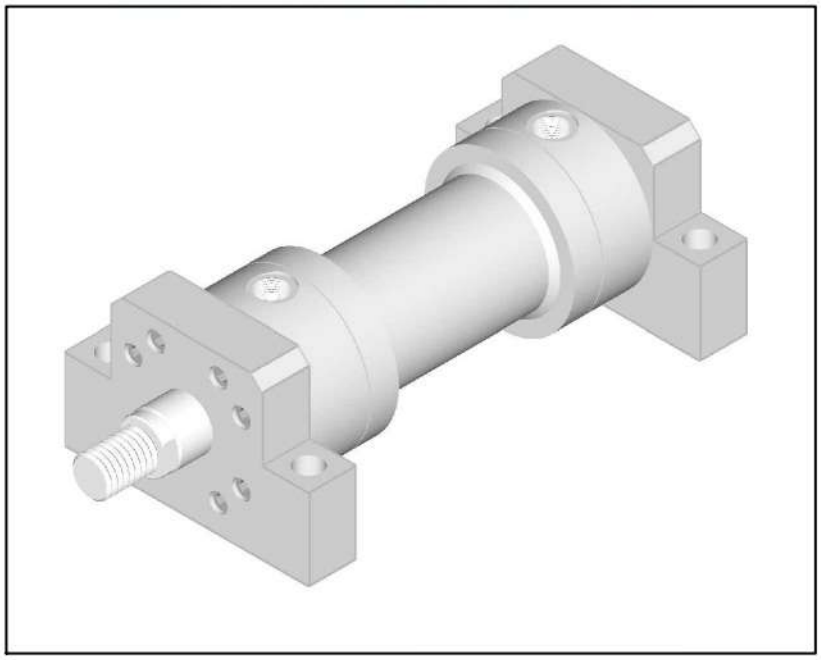


MP5
Cap Fixed Eye with Spherical Bearing

BORE	MM	KK	A	D	K	EE	Y	PJ	XO	CX	EX	LT	MS	EP
25	16	M12x1.25	16	56	13	1/4"	58	77	178	12	12	16	16	10
	18	M14x1.5	18											
32	18	M14x1.5	18	67	13	3/8"	64	89	206	16	16	20	20	14
	22	M16x1.5	22											
40	22	M16x1.5	22	78	13	1/2"	71	97	231	20	20	25	25	18
	28	M20x1.5	28											
50	28	M20x1.5	28	95	14	1/2"	72	111	257	25	25	32	32	22
	36	M27x2	36											
63	36	M27x2	36	116	16	3/4"	82	117	289	32	32	40	40	27
	45	M33x2	45											
80	45	M33x2	45	130	18	3/4"	91	134	332	40	40	50	50	35
	56	M42x2	56											
100	56	M42x2	56	158	20	1"	108	162	395	50	50	63	63	40
	70	M48x2	63											
125	70	M48x2	63	192	23	1"	121	174	428	63	63	71	71	52
	90	M64x3	85											
160	90	M64x3	85	238	25	1 1/4"	143	191	505	80	80	90	90	66
	110	M80x3	95											
200	110	M80x3	95	285	30	1 1/4"	190	224	615	100	100	112	112	84
	140	M100x3	112											
250	140	M100x3	112	365	32	1 1/2"	205	290	773	125	125	160	160	102
	180	M125x4	125											
320	180	M125x4	125	455	37	1 1/2"	250	358	930	160	160	200	200	130
	220	M160x4	160											
400	220	M160x4	160	565	40	-	-	-	990	200	200	250	250	160
	280	M200x4	200											
500	280	M200x4	200	645	53	-	-	-	1210	250	250	320	320	200
	360	M250x6	250											

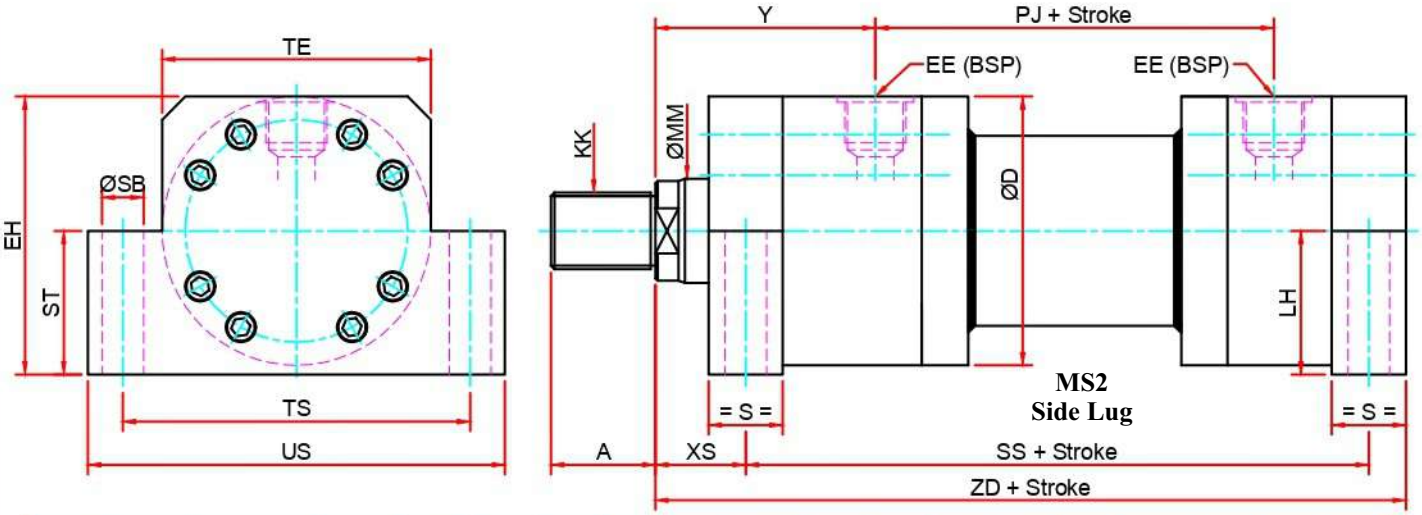
Note:- All above dimensions are in mm unless specified. Dimensions applicable for strokes upto 1500mm only. Please contact us for longer strokes.

KKM HYDRAULIC CYLINDER



MS2

ISO-6020/1

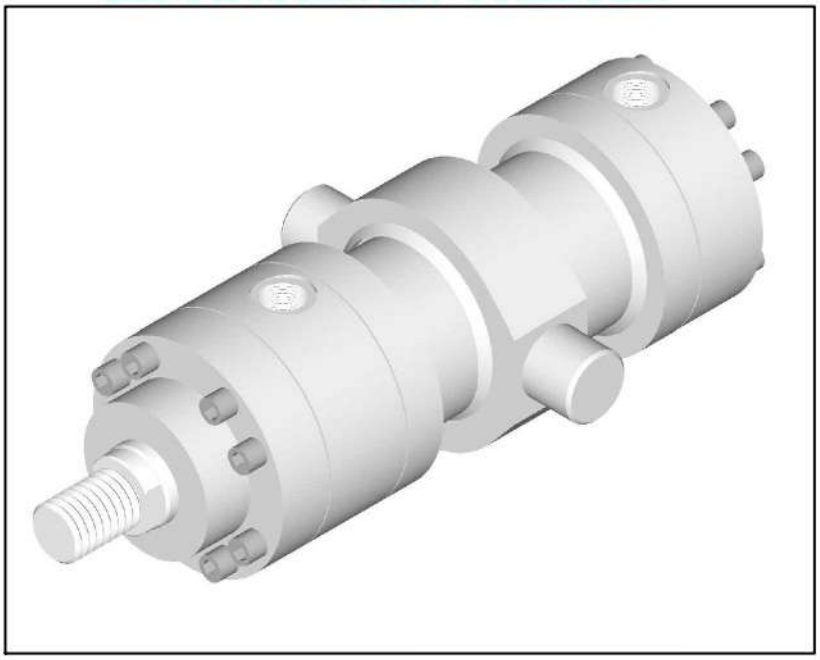


MS2
Side Lug

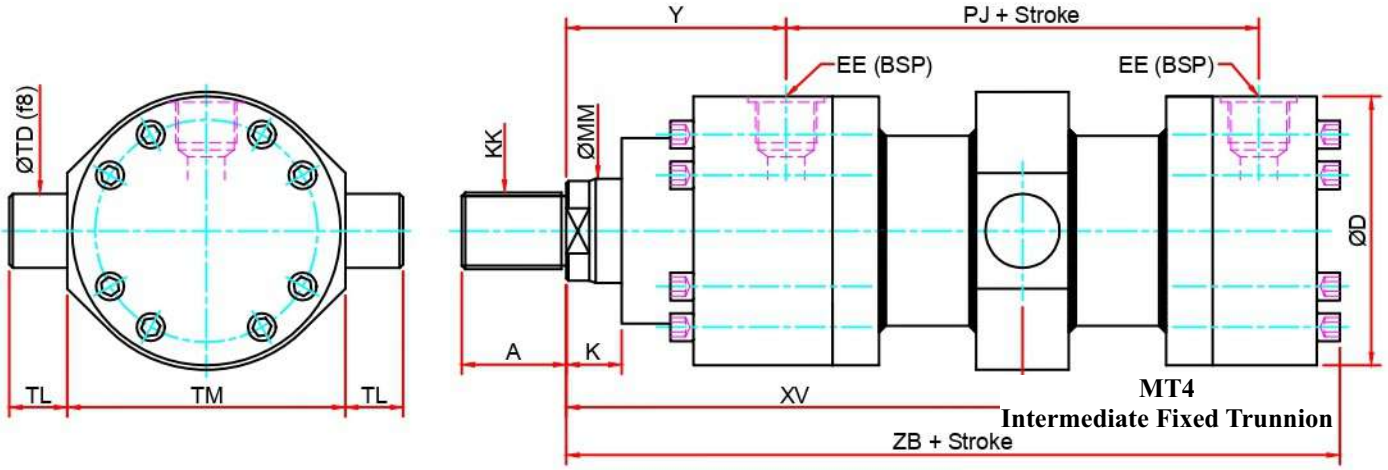
BORE	MM	KK	A	D	TE	EE	Y	PJ	ZD	SS	XS	ST	LH	SB	S	TS	US	EH
25	16	M12x1.25	16	56	56	1/4"	58	77	170	142	18	32	32	9	20	75	92	60
	18	M14x1.5	18															
32	18	M14x1.5	18	67	67	3/8"	64	89	195	163	19.5	38	38	11	25	90	110	72
	22	M16x1.5	22															
40	22	M16x1.5	22	78	78	1/2"	71	97	215	183	19.5	43	43	11	25	110	120	82
	28	M20x1.5	28															
50	28	M20x1.5	28	95	95	1/2"	72	111	237	199	22	52	52	14	32	120	146	100
	36	M27x2	36															
63	36	M27x2	36	116	116	3/4"	82	117	256	211	29	62	62	18	32	150	180	120
	45	M33x2	45															
80	45	M33x2	45	130	130	3/4"	91	134	290	236	34	70	70	22	40	170	210	135
	56	M42x2	56															
100	56	M42x2	56	158	158	1"	108	162	350	293	32	82	82	26	50	205	250	161
	70	M48x2	63															
125	70	M48x2	63	192	192	1"	121	174	381	321	32	100	100	33	56	245	300	196
	90	M64x3	85															
160	90	M64x3	85	238	238	1 1/4"	143	191	430	364	36	119	119	33	60	295	350	238
	110	M80x3	95															
200	110	M80x3	95	285	285	1 1/4"	190	224	522	447	39	145	145	39	72	350	415	288
	140	M100x3	112															

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KKM HYDRAULIC CYLINDER



MT4
ISO-6020/1



MT4
Intermediate Fixed Trunnion

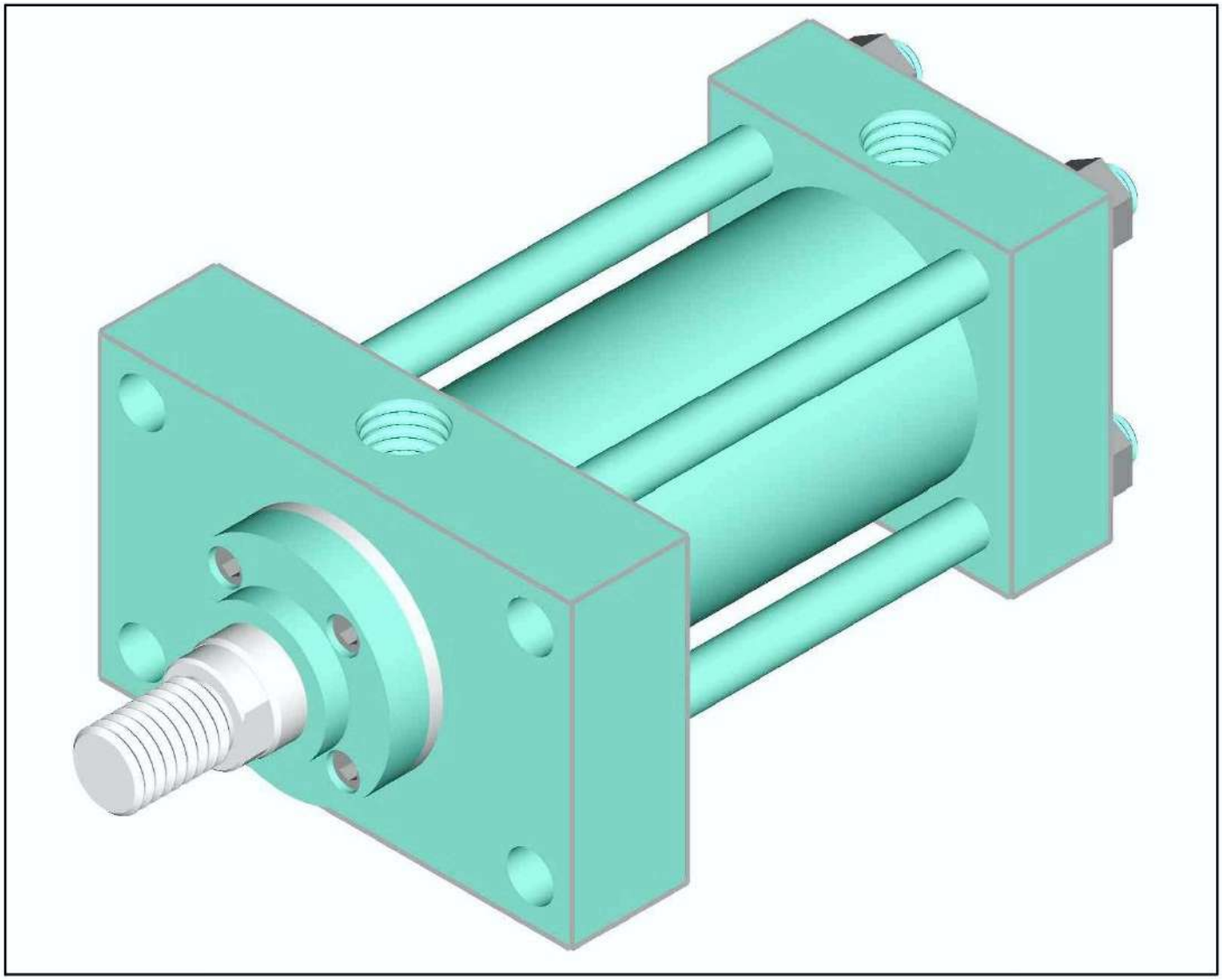
BORE	MM	KK	A	D	K	EE	Y	PJ	ZB	XV	TM	TD	TL
25	16	M12x1.25	16	56	13	1/4"	58	77	158	To Specify	63	12	10
	18	M14x1.5	18										
32	18	M14x1.5	18	67	13	3/8"	64	89	178		75	16	12
	22	M16x1.5	22										
40	22	M16x1.5	22	78	13	1/2"	71	97	198		90	20	16
	28	M20x1.5	28										
50	28	M20x1.5	28	95	14	1/2"	72	111	213		105	25	20
	36	M27x2	36										
63	36	M27x2	36	116	16	3/4"	82	117	234		120	32	25
	45	M33x2	45										
80	45	M33x2	45	130	18	3/4"	91	134	260		135	40	32
	56	M42x2	56										
100	56	M42x2	56	158	20	1"	108	162	310		160	50	40
	70	M48x2	63										
125	70	M48x2	63	192	23	1"	121	174	335		195	63	50
	90	M64x3	85										
160	90	M64x3	85	238	25	1 1/4"	143	191	380		240	80	63
	110	M80x3	95										
200	110	M80x3	95	285	30	1 1/4"	190	224	480		295	100	80
	140	M100x3	112										
250	140	M100x3	112	365	32	1 1/2"	205	290	580		370	125	100
	180	M125x4	125										
320	180	M125x4	125	455	37	1 1/2"	250	358	710		470	160	125
	220	M160x4	160										
400	220	M160x4	160	565	40	-	-	-	790		570	200	160
	280	M200x4	200										
500	280	M200x4	200	645	53	-	-	-	940		700	250	250
	360	M250x6	250										

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Not just Machines, we make Relations !

HYDRAULIC CYLINDER

ISO 6020 / 2
COMPACT SERIES
160 Kg/cm2.

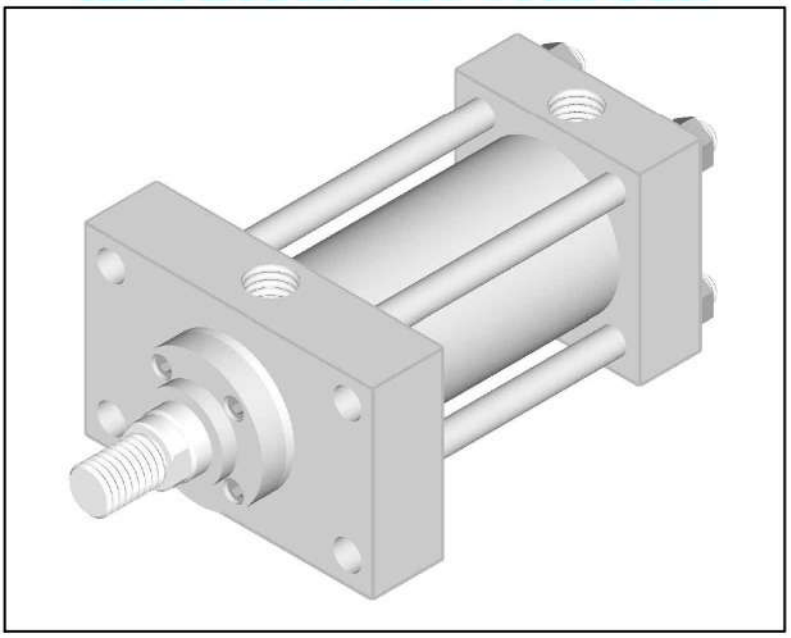


K. K. MACHINERIES PVT LTD.

(An ISO 9001:2015 Company)

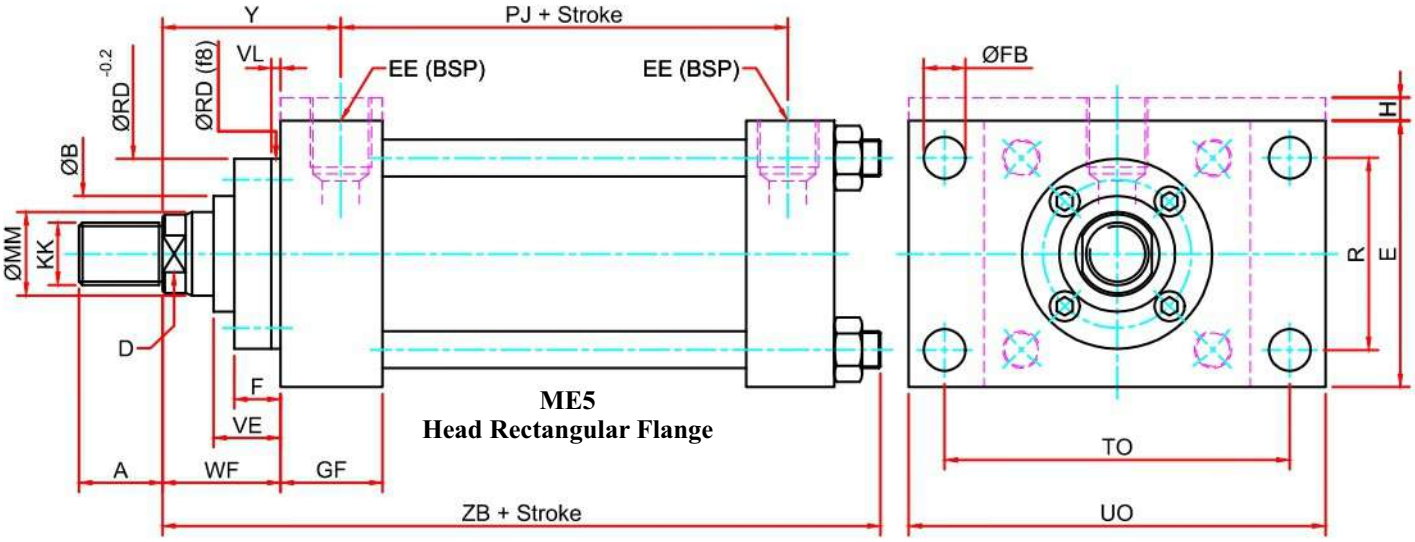
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KKM HYDRAULIC CYLINDER



ME5

ISO-6020/2

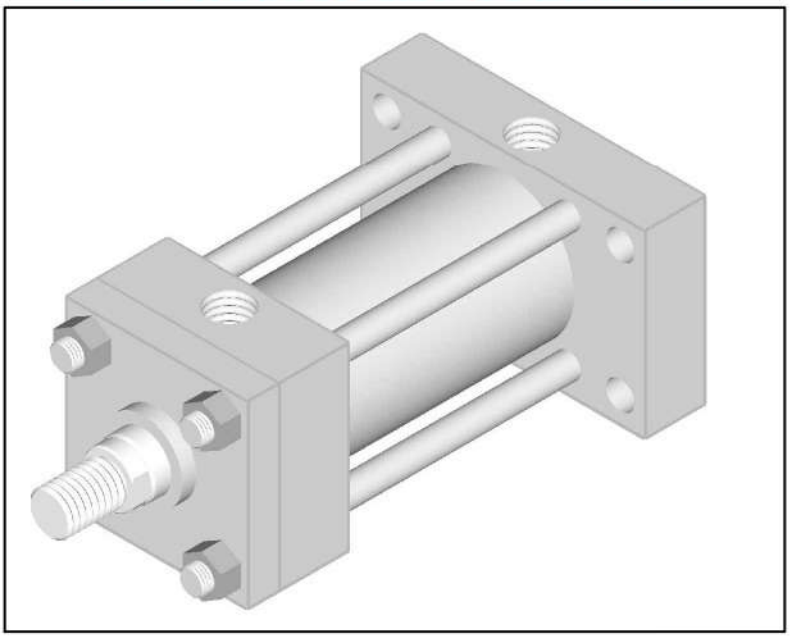


ME5
Head Rectangular Flange

BORE	MM	KK	A	D	EE	H	Y	PJ	E	R	TO	UO	FB	GF	WF	B	RD	VE	F	VL	ZB
25	12	M10x1.25	14	9	1/4"	5	50	53	40	27	51	65	5.5	-	25	24	38	16	10	3	121
	18	M14x1.5	18	15												30	38				
32	16	M12x1.25	16	13	1/4"	5	60	56	45	33	58	70	6.6	-	35	26	42	22	10	3	137
	22	M16x1.5	22	18												34	42				
40	18	M14x1.5	18	15	3/8"	-	62	73	63	41	87	110	11	40	35	30	62	22	10	3	166
	28	M20x1.5	28	22												42	62				
50	22	M16x1.5	22	18	1/2"	-	67	74	75	52	105	130	14	42	41	34	74	25	16	4	176
	36	M27x2	36	30												50	74				
63	28	M20x1.5	28	22	1/2"	-	71	80	90	65	117	145	14	38	48	42	75	29	16	4	185
	45	M33x2	45	36												60	88				
80	36	M27x2	36	30	3/4"	-	77	93	115	83	149	180	18	44	51	50	82	29	20	4	212
	56	M42x2	56	46												72	105				
100	45	M33x2	45	36	3/4"	-	82	101	130	97	162	200	18	43	57	60	92	32	22	5	225
	70	M48x2	63	60												88	125				
125	56	M42x2	56	46	3/4"	-	86	117	165	126	208	250	22	47	57	72	105	32	22	5	260
	90	M64x3	85	80												108	150				
160	70	M48x2	63	60	1"	-	86	130	205	155	253	300	26	51	57	88	125	32	25	5	279
	110	M80x3	95	100												133	170				
200	90	M64x3	85	80	1-1/4"	-	98	165	245	190	300	360	33	64	57	108	150	32	25	5	336
	140	M100x3	112	120												163	210				

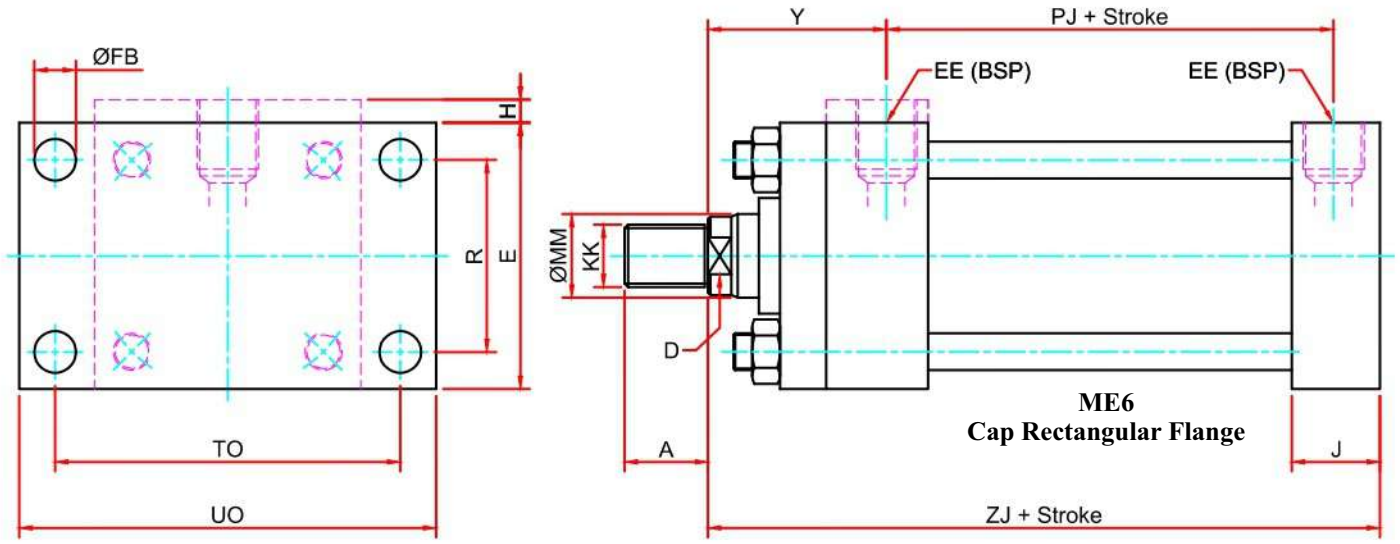
Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



ME6

ISO-6020/2

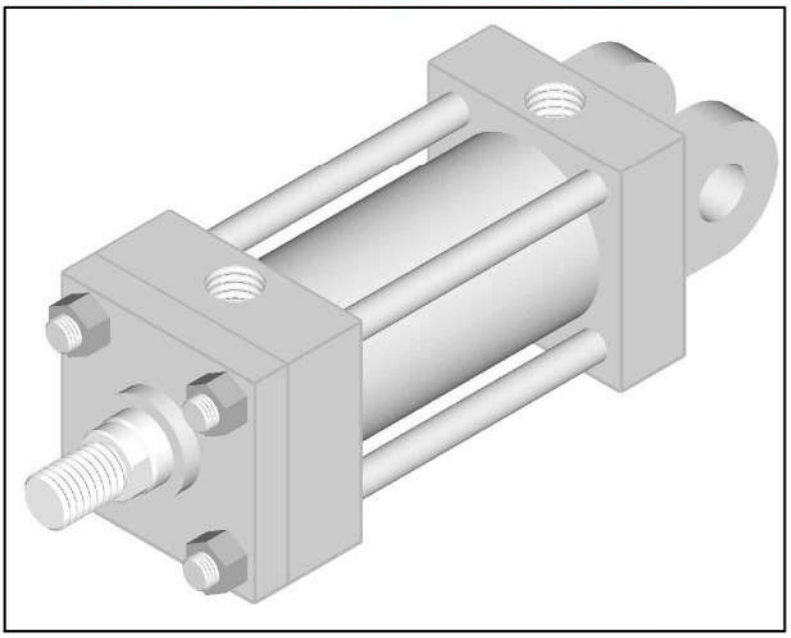


ME6
Cap Rectangular Flange

BORE	MM	KK	A	D	EE	H	Y	PJ	E	R	TO	UO	FB	J	ZJ
25	12	M10x1.25	14	9	1/4"	5	50	53	40	27	51	65	5.5	-	121
	18	M14x1.5	18	15											
32	16	M12x1.25	16	13	1/4"	5	60	56	45	33	58	70	6.6	-	137
	22	M16x1.5	22	18											
40	18	M14x1.5	18	15	3/8"	-	62	73	63	41	87	110	11	31	166
	28	M20x1.5	28	22											
50	22	M16x1.5	22	18	1/2"	-	67	74	75	52	105	130	14	32	176
	36	M27x2	36	30											
63	28	M20x1.5	28	22	1/2"	-	71	80	90	65	117	145	14	34	185
	45	M33x2	45	36											
80	36	M27x2	36	30	3/4"	-	77	93	115	83	149	180	18	38	212
	56	M42x2	56	46											
100	45	M33x2	45	36	3/4"	-	82	101	130	97	162	200	18	38	225
	70	M48x2	63	60											
125	56	M42x2	56	46	3/4"	-	86	117	165	126	208	250	22	38	260
	90	M64x3	85	80											
160	70	M48x2	63	60	1"	-	86	130	205	155	253	300	26	51	279
	110	M80x3	95	100											
200	90	M64x3	85	80	1-1/4"	-	98	165	245	190	300	360	33	53	336
	140	M100x3	112	120											

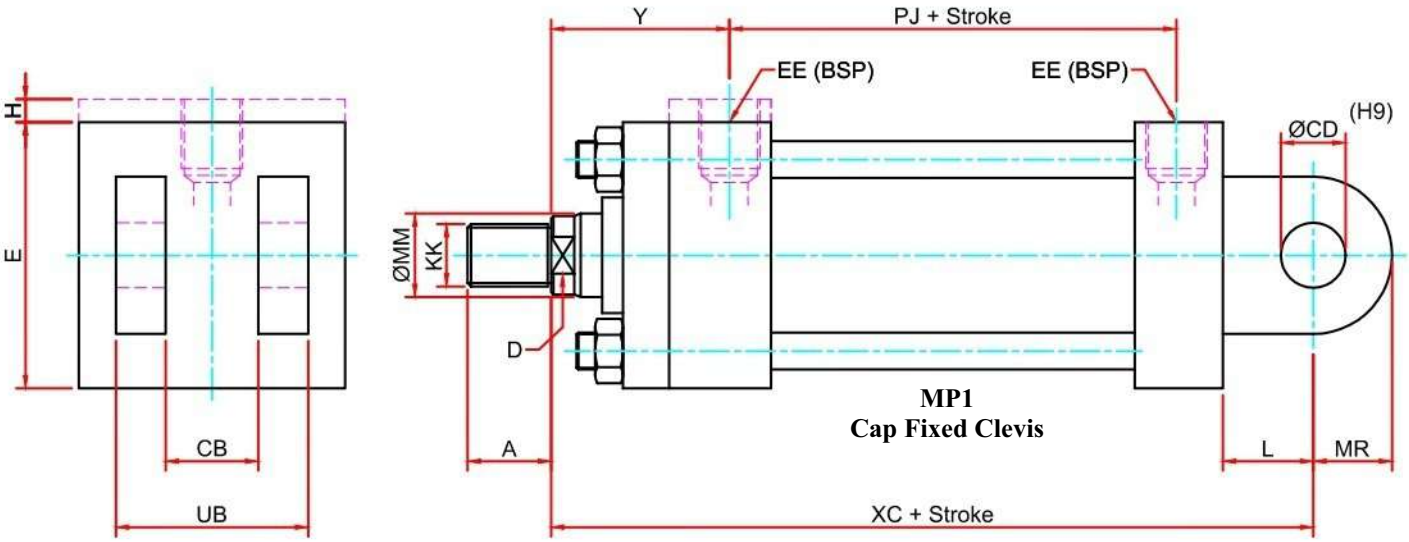
Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MP1

ISO-6020/2

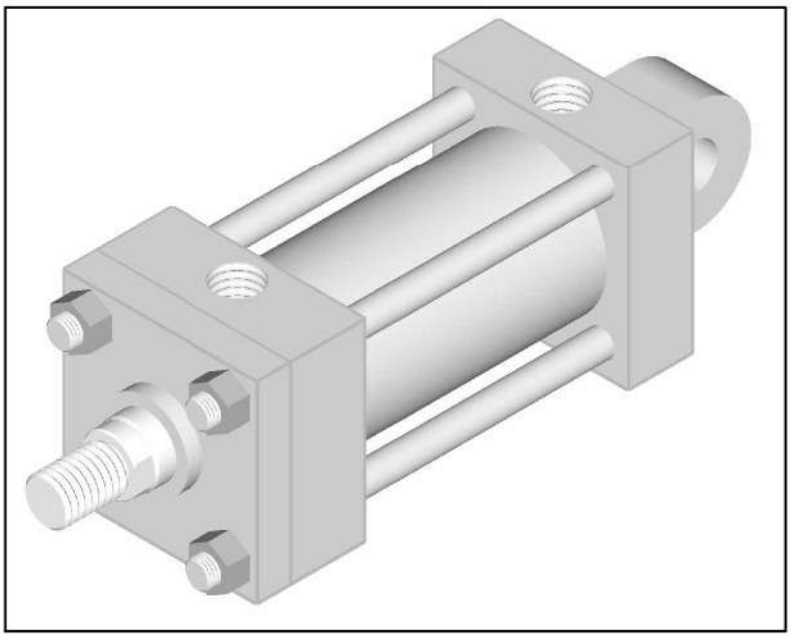


MP1
Cap Fixed Clevis

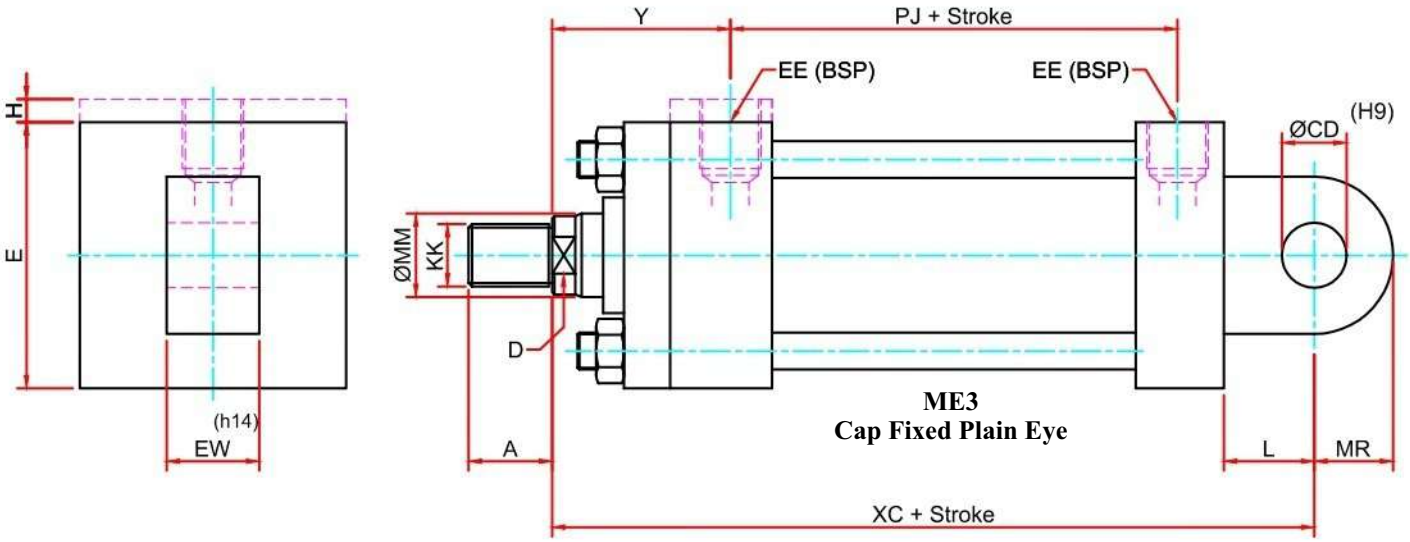
BORE	MM	KK	A	D	EE	H	Y	PJ	E	L	MR	CD	CB	UB	XC
25	12	M10x1.25	14	9	1/4"	5	50	53	40	13	12	10	12	25	127
	18	M14x1.5	18	15											
32	16	M12x1.25	16	13	1/4"	5	60	56	45	19	17	12	16	34	147
	22	M16x1.5	22	18											
40	18	M14x1.5	18	15	3/8"	-	62	73	63	19	17	14	20	42	172
	28	M20x1.5	28	22											
50	22	M16x1.5	22	18	1/2"	-	67	74	75	32	29	20	30	62	191
	36	M27x2	36	30											
63	28	M20x1.5	28	22	1/2"	-	71	80	90	32	29	20	30	62	200
	45	M33x2	45	36											
80	36	M27x2	36	30	3/4"	-	77	93	115	39	34	28	40	83	229
	56	M42x2	56	46											
100	45	M33x2	45	36	3/4"	-	82	101	130	54	50	36	50	103	257
	70	M48x2	63	60											
125	56	M42x2	56	46	3/4"	-	86	117	165	57	53	45	60	23	289
	90	M64x3	85	80											
160	70	M48x2	63	60	1"	-	86	130	205	63	59	56	70	143	308
	110	M80x3	95	100											
200	90	M64x3	85	80	1-1/4"	-	98	165	245	82	78	70	80	163	381
	140	M100x3	112	120											

Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MP3
ISO-6020/2

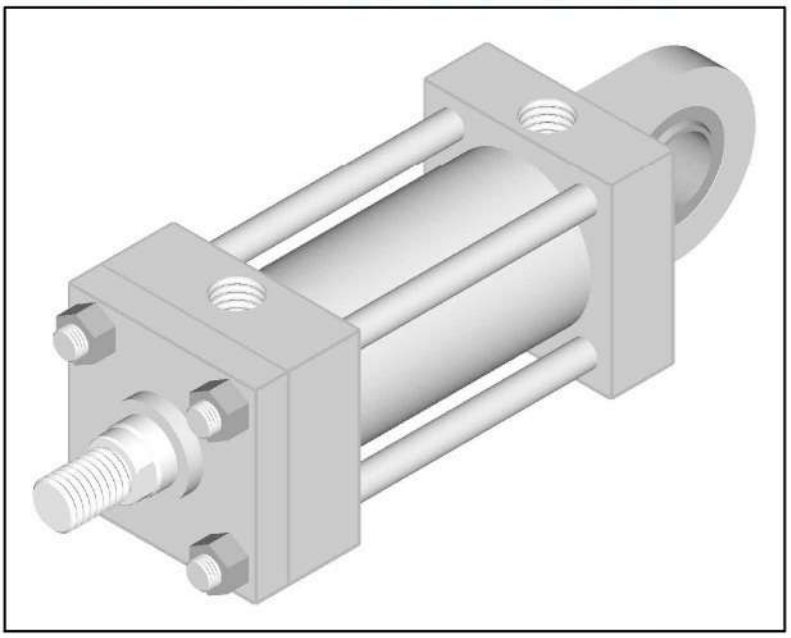


ME3
Cap Fixed Plain Eye

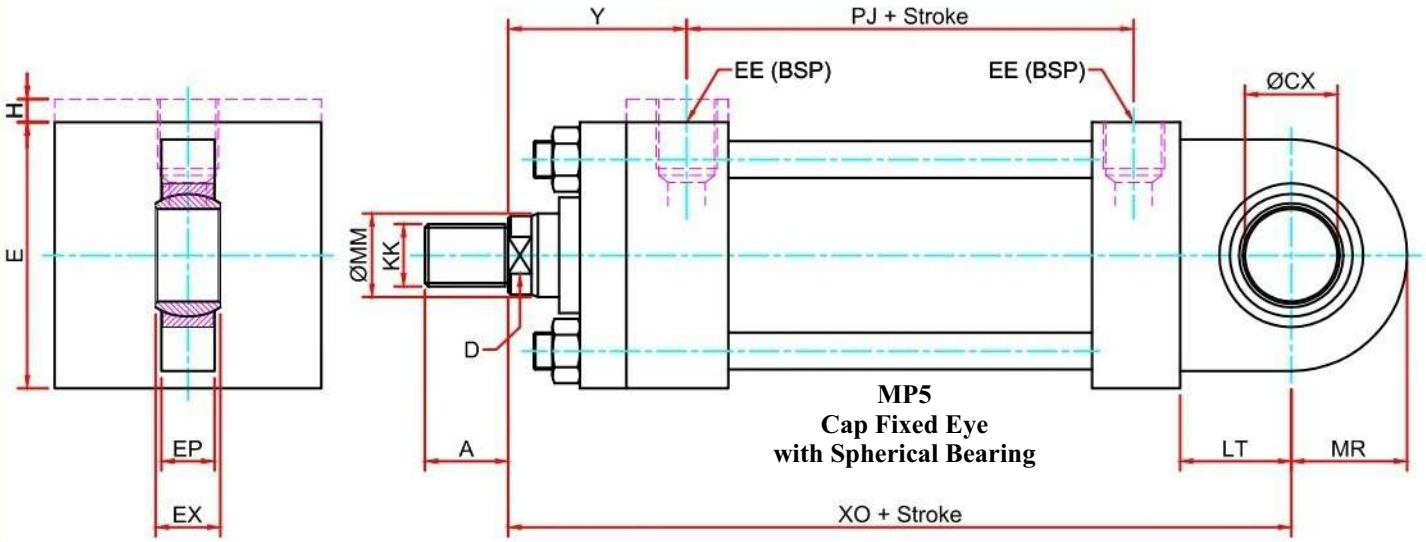
BORE	MM	KK	A	D	EE	H	Y	PJ	E	L	MR	CD	EW	XC
25	12	M10x1.25	14	9	1/4"	5	50	53	40	13	12	10	12	127
	18	M14x1.5	18	15										
32	16	M12x1.25	16	13	1/4"	5	60	56	45	19	17	12	16	147
	22	M16x1.5	22	18										
40	18	M14x1.5	18	15	3/8"	-	62	73	63	19	17	14	20	172
	28	M20x1.5	28	22										
50	22	M16x1.5	22	18	1/2"	-	67	74	75	32	29	20	30	191
	36	M27x2	36	30										
63	28	M20x1.5	28	22	1/2"	-	71	80	90	32	29	20	30	200
	45	M33x2	45	36										
80	36	M27x2	36	30	3/4"	-	77	93	115	39	34	28	40	229
	56	M42x2	56	46										
100	45	M33x2	45	36	3/4"	-	82	101	130	54	50	36	50	257
	70	M48x2	63	60										
125	56	M42x2	56	46	3/4"	-	86	117	165	57	53	45	60	289
	90	M64x3	85	80										
160	70	M48x2	63	60	1"	-	86	130	205	63	59	56	70	308
	110	M80x3	95	100										
200	90	M64x3	85	80	1-1/4"	-	98	165	245	82	78	70	80	381
	140	M100x3	112	120										

Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MP5
ISO-6020/2

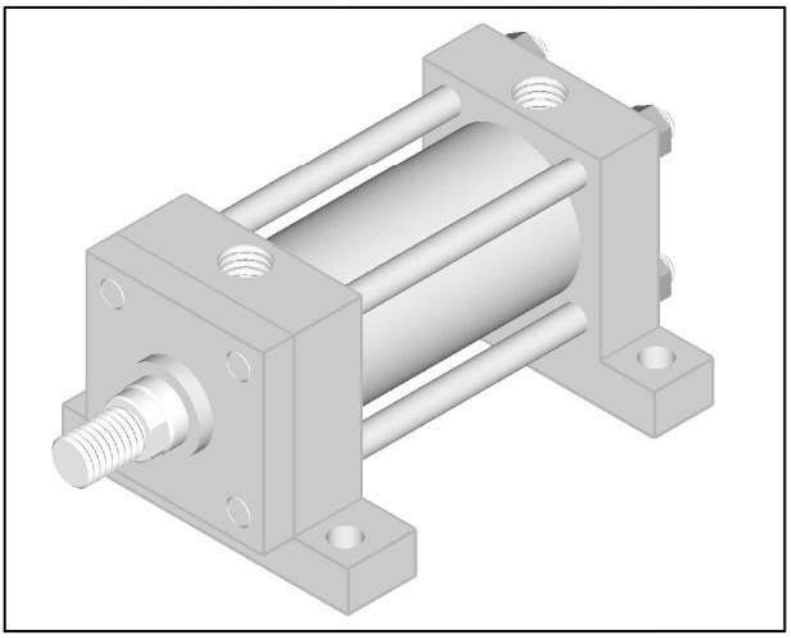


MP5
Cap Fixed Eye
with Spherical Bearing

BORE	MM	KK	A	D	EE	H	Y	PJ	E	LT	MR	CX	EP	EX	XO
25	12	M10x1.25	14	9	1/4"	5	50	53	40	16	20	12	8	10	130
	18	M14x1.5	18	15											
32	16	M12x1.25	16	13	1/4"	5	60	56	45	20	22.5	16	11	14	148
	22	M16x1.5	22	18											
40	18	M14x1.5	18	15	3/8"	-	62	73	63	25	29	20	13	16	178
	28	M20x1.5	28	22											
50	22	M16x1.5	22	18	1/2"	-	67	74	75	31	33	25	17	20	190
	36	M27x2	36	30											
63	28	M20x1.5	28	22	1/2"	-	71	80	90	38	40	30	19	22	206
	45	M33x2	45	36											
80	36	M27x2	36	30	3/4"	-	77	93	115	48	50	40	23	28	238
	56	M42x2	56	46											
100	45	M33x2	45	36	3/4"	-	82	101	130	58	62	50	30	35	261
	70	M48x2	63	60											
125	56	M42x2	56	46	3/4"	-	86	117	165	72	80	60	38	44	304
	90	M64x3	85	80											
160	70	M48x2	63	60	1"	-	86	130	205	92	100	80	47	55	337
	110	M80x3	95	100											
200	90	M64x3	85	80	1-1/4"	-	98	165	245	116	120	100	57	70	415
	140	M100x3	112	120											

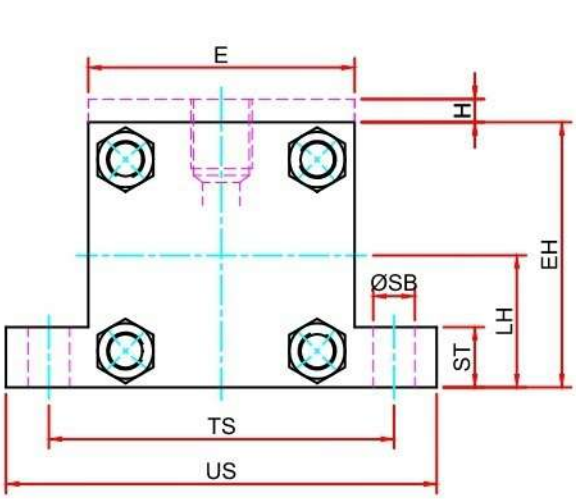
Note:- All above dimensions are in mm.

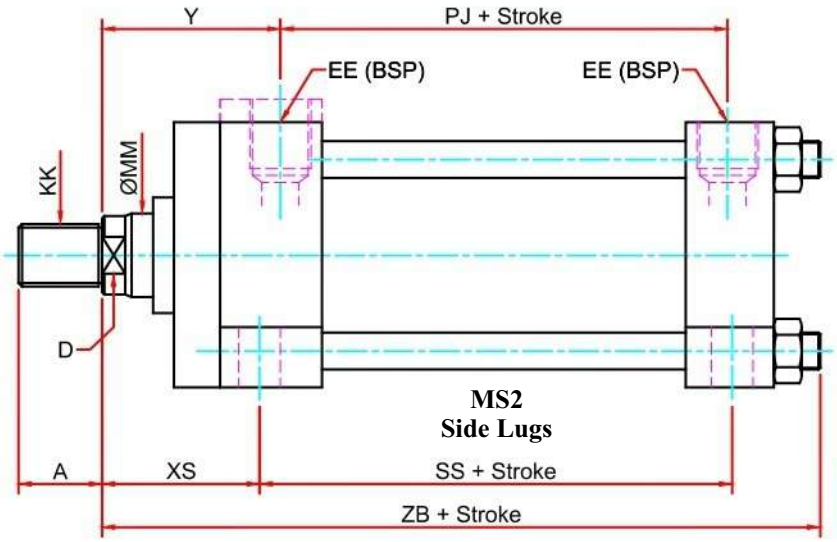
KKM HYDRAULIC CYLINDER



MS2

ISO-6020/2



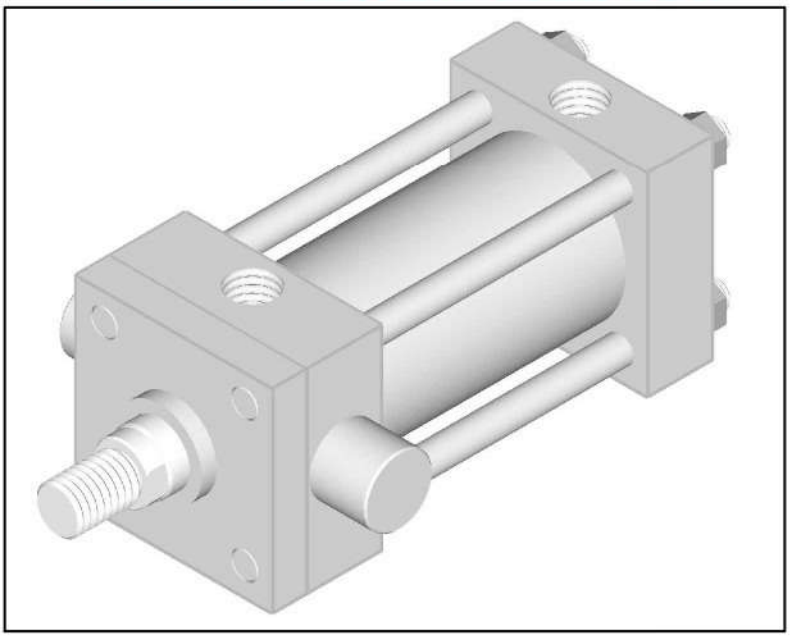


MS2
Side Lugs

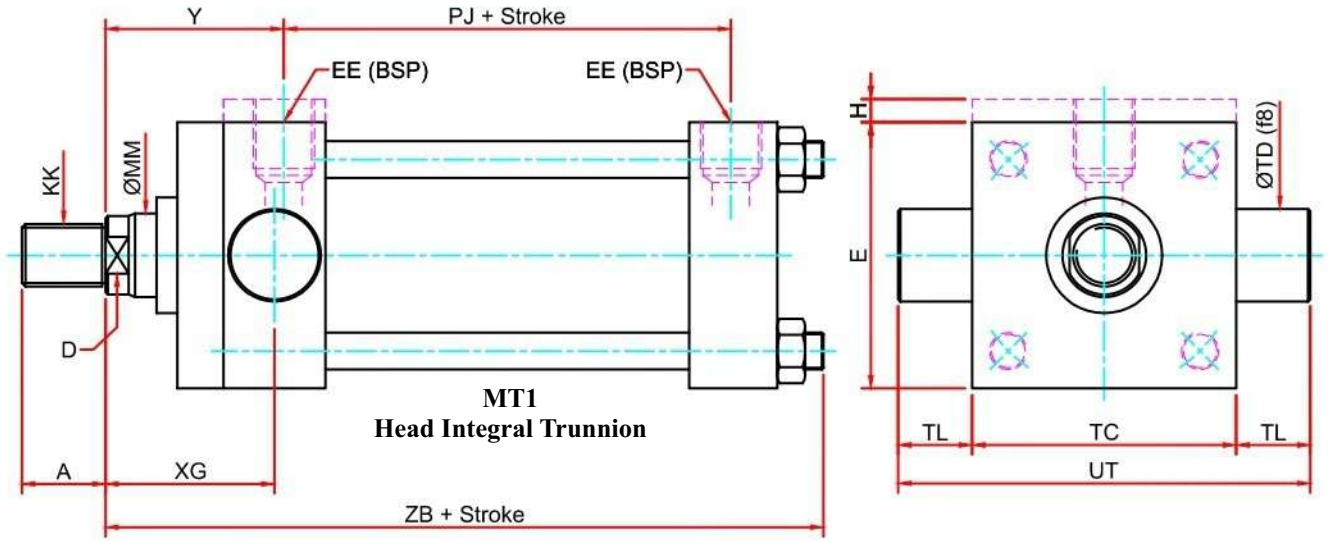
BORE	MM	KK	A	D	EE	H	Y	PJ	E	EH	LH	ST	TS	US	SB	XS	SS	ZB
25	12	M10x1.25	14	9	1/4"	5	50	53	40	39	19	8.5	54	72	6.6	33	72	121
	18	M14x1.5	18	15														
32	16	M12x1.25	16	13	1/4"	5	60	56	45	44	22	12.5	63	84	9	45	72	137
	22	M16x1.5	22	18														
40	18	M14x1.5	18	15	3/8"	-	62	73	63	62.5	31	12.5	83	103	11	45	97	166
	28	M20x1.5	28	22														
50	22	M16x1.5	22	18	1/2"	-	67	74	75	74.5	37	19	102	127	14	54	91	176
	36	M27x2	36	30														
63	28	M20x1.5	28	22	1/2"	-	71	80	90	89	44	26	124	161	18	65	85	185
	45	M33x2	45	36														
80	36	M27x2	36	30	3/4"	-	77	93	115	114.5	57	26	149	186	18	68	104	212
	56	M42x2	56	46														
100	45	M33x2	45	36	3/4"	-	82	101	130	128	63	32	172	216	26	79	101	225
	70	M48x2	63	60														
125	56	M42x2	56	46	3/4"	-	86	117	165	164.5	82	32	210	254	26	79	130	260
	90	M64x3	85	80														
160	70	M48x2	63	60	1"	-	86	130	205	203.5	101	38	260	318	33	86	129	279
	110	M80x3	95	100														
200	90	M64x3	85	80	1-1/4"	-	98	165	245	244.5	122	44	311	381	39	92	171	336
	140	M100x3	112	120														

Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MT1
ISO-6020/2

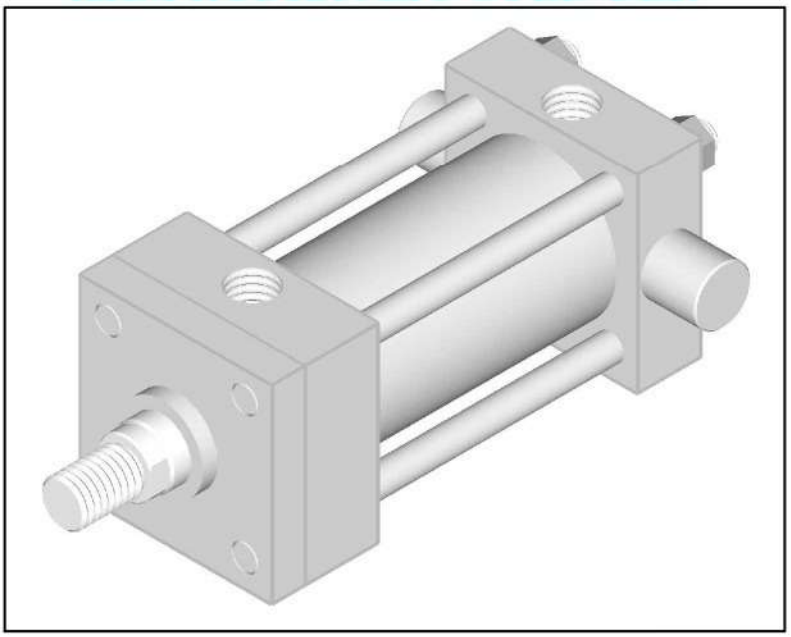


MT1
Head Integral Trunnion

BORE	MM	KK	A	D	EE	H	Y	PJ	E	TC	UT	TD	TL	XG	ZB
25	12	M10x1.25	14	9	1/4"	5	50	53	40	38	58	12	10	44	121
	18	M14x1.5	18	15											
32	16	M12x1.25	16	13	1/4"	5	60	56	45	44	68	16	12	54	137
	22	M16x1.5	22	18											
40	18	M14x1.5	18	15	3/8"	-	62	73	63	63	95	20	16	57	166
	28	M20x1.5	28	22											
50	22	M16x1.5	22	18	1/2"	-	67	74	75	76	116	25	20	64	176
	36	M27x2	36	30											
63	28	M20x1.5	28	22	1/2"	-	71	80	90	89	139	32	25	70	185
	45	M33x2	45	36											
80	36	M27x2	36	30	3/4"	-	77	93	115	114	178	40	32	76	212
	56	M42x2	56	46											
100	45	M33x2	45	36	3/4"	-	82	101	130	127	207	50	40	71	225
	70	M48x2	63	60											
125	56	M42x2	56	46	3/4"	-	86	117	165	165	265	63	50	75	260
	90	M64x3	85	80											
160	70	M48x2	63	60	1"	-	86	130	205	203	329	80	63	75	279
	110	M80x3	95	100											
200	90	M64x3	85	80	1-1/4"	-	98	165	245	241	401	100	80	85	336
	140	M100x3	112	120											

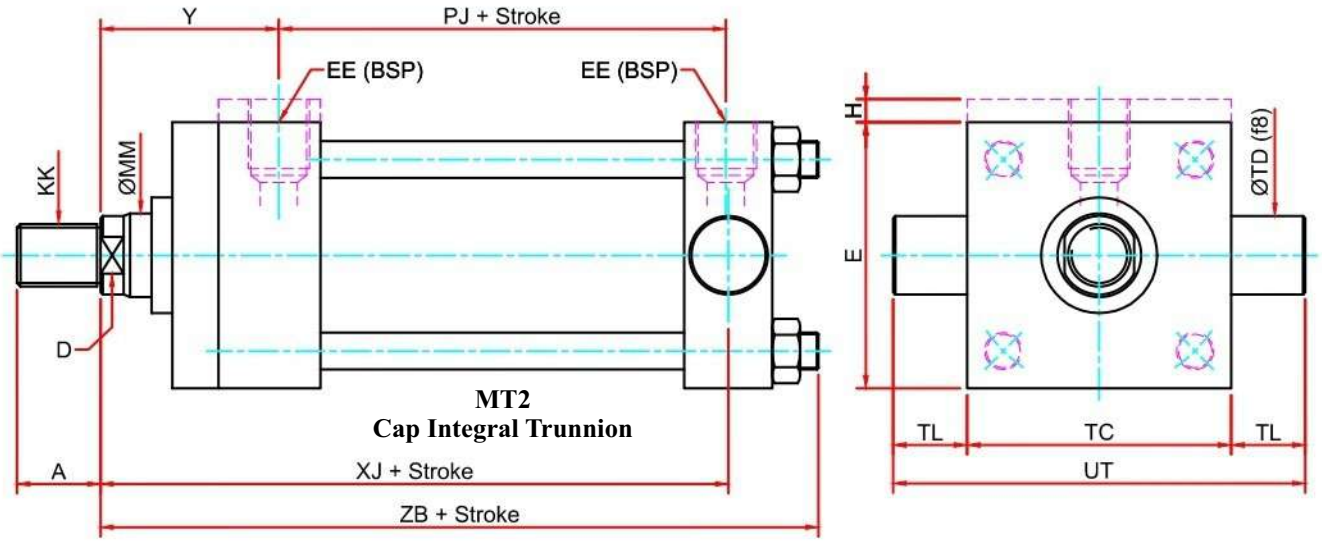
Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MT2

ISO-6020/2

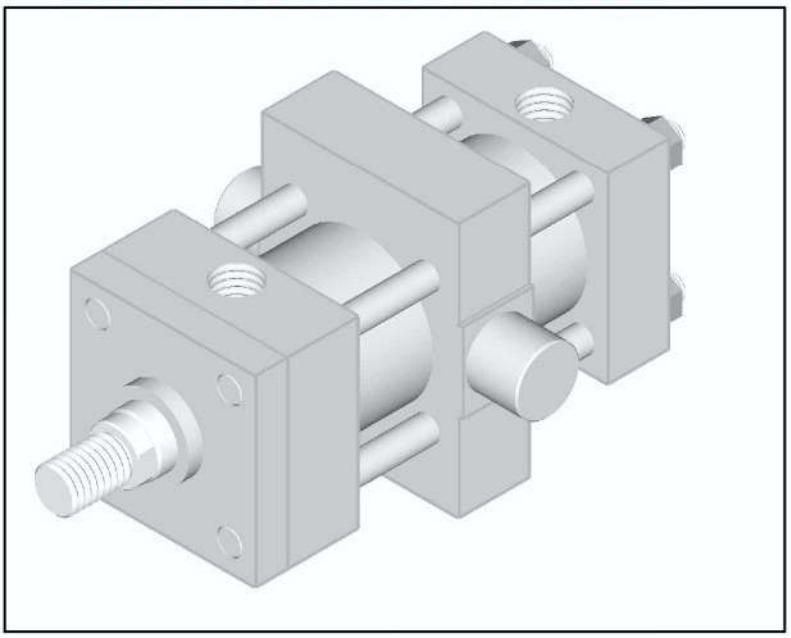


MT2
Cap Integral Trunnion

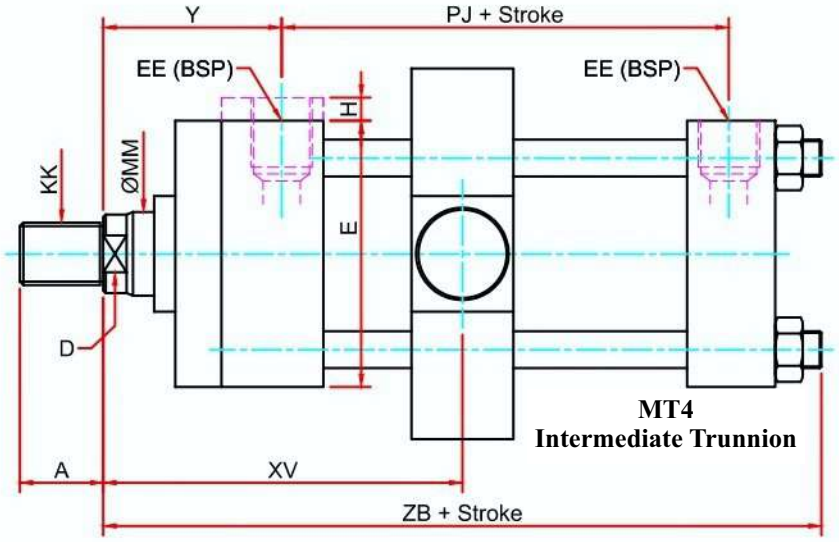
BORE	MM	KK	A	D	EE	H	Y	PJ	E	TC	UT	TD	TL	XJ	ZB
25	12	M10x1.25	14	9	1/4"	5	50	53	40	38	58	12	10	101	121
	18	M14x1.5	18	15											
32	16	M12x1.25	16	13	1/4"	5	60	56	45	44	68	16	12	115	137
	22	M16x1.5	22	18											
40	18	M14x1.5	18	15	3/8"	-	62	73	63	63	95	20	16	134	166
	28	M20x1.5	28	22											
50	22	M16x1.5	22	18	1/2"	-	67	74	75	76	116	25	20	140	176
	36	M27x2	36	30											
63	28	M20x1.5	28	22	1/2"	-	71	80	90	89	139	32	25	149	185
	45	M33x2	45	36											
80	36	M27x2	36	30	3/4"	-	77	93	115	114	178	40	32	168	212
	56	M42x2	56	46											
100	45	M33x2	45	36	3/4"	-	82	101	130	127	207	50	40	187	225
	70	M48x2	63	60											
125	56	M42x2	56	46	3/4"	-	86	117	165	165	265	63	50	209	260
	90	M64x3	85	80											
160	70	M48x2	63	60	1"	-	86	130	205	203	329	80	63	230	279
	110	M80x3	95	100											
200	90	M64x3	85	80	1-1/4"	-	98	165	245	241	401	100	80	276	336
	140	M100x3	112	120											

Note:- All above dimensions are in mm.

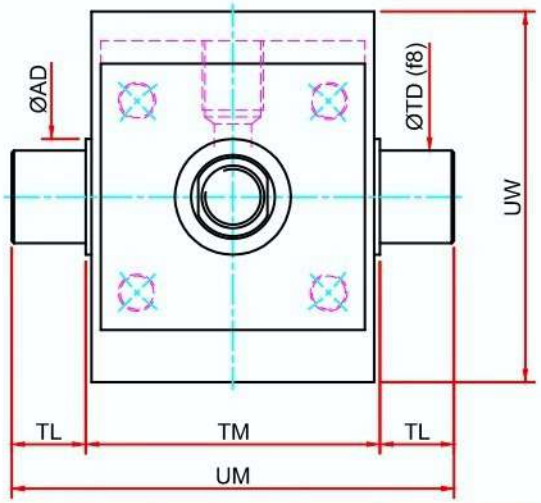
KKM HYDRAULIC CYLINDER



MT4
ISO-6020/2



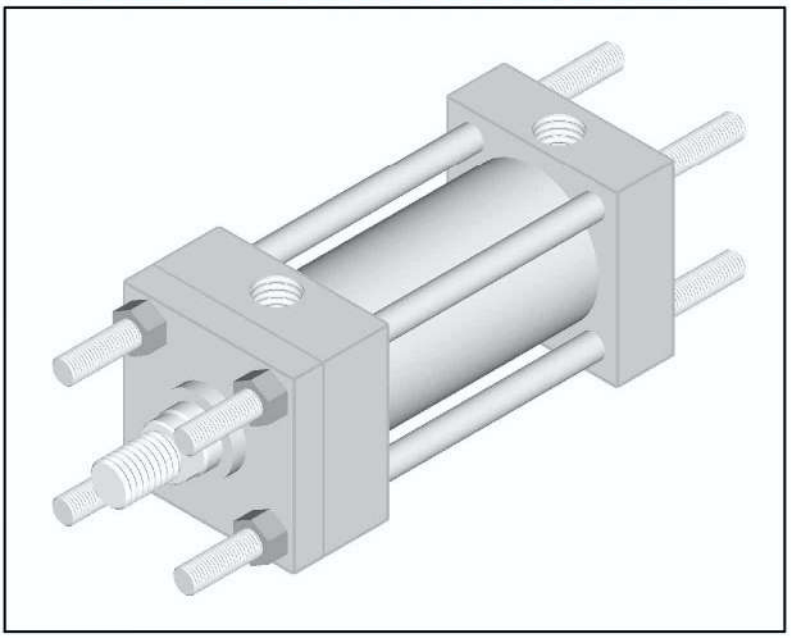
MT4
Intermediate Trunnion



BORE	MM	KK	A	D	EE	H	Y	PJ	E	TM	UM	TD	TL	AD	UW	XV	ZB
25	12	M10x1.25	14	9	1/4"	5	50	53	40	48	68	12	10	20	63	To Specify	121
	18	M14x1.5	18	15													
32	16	M12x1.25	16	13	1/4"	5	60	56	45	55	79	16	12	25	75		137
	22	M16x1.5	22	18													
40	18	M14x1.5	18	15	3/8"	-	62	73	63	76	108	20	16	30	92		166
	28	M20x1.5	28	22													
50	22	M16x1.5	22	18	1/2"	-	67	74	75	89	129	25	20	40	112		176
	36	M27x2	36	30													
63	28	M20x1.5	28	22	1/2"	-	71	80	90	100	150	32	25	40	126		185
	45	M33x2	45	36													
80	36	M27x2	36	30	3/4"	-	77	93	115	127	191	40	32	50	160		212
	56	M42x2	56	46													
100	45	M33x2	45	36	3/4"	-	82	101	130	140	220	50	40	60	180		225
	70	M48x2	63	60													
125	56	M42x2	56	46	3/4"	-	86	117	165	178	278	63	50	73	215		260
	90	M64x3	85	80													
160	70	M48x2	63	60	1"	-	86	130	205	215	341	80	63	90	260		279
	110	M80x3	95	100													
200	90	M64x3	85	80	1-1/4"	-	98	165	245	279	439	100	80	110	355		336
	140	M100x3	112	120													

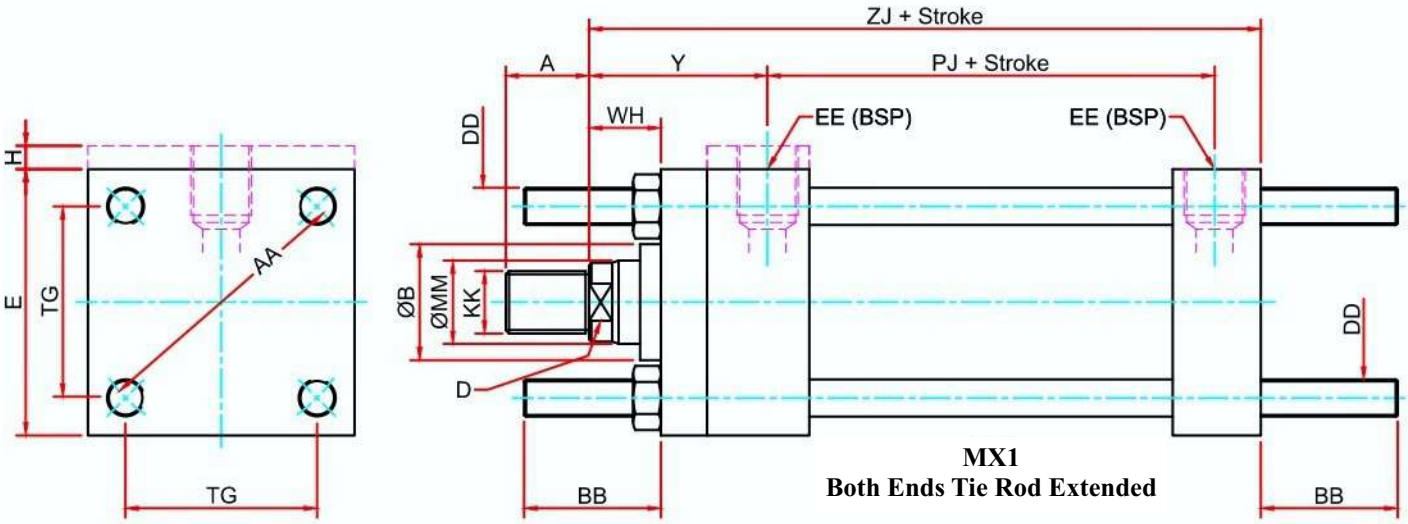
Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MX1

ISO-6020/2

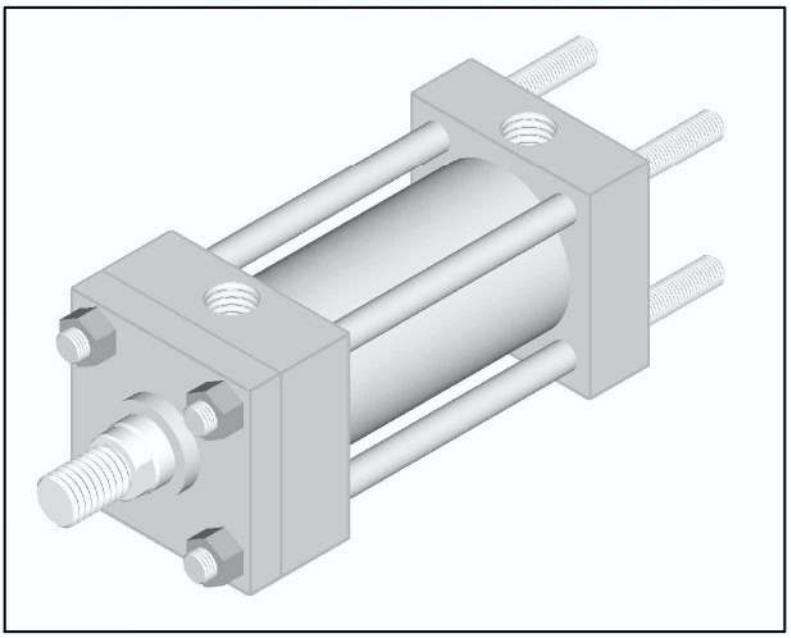


MX1
Both Ends Tie Rod Extended

BORE	MM	KK	A	D	EE	H	Y	PJ	E	TG	AA	DD	BB	ZJ	B	WH
25	12	M10x1.25	14	9	1/4"	5	50	53	40	28.3	40	M5x0.8	19	114	24	15
	18	M14x1.5	18	15											30	
32	16	M12x1.25	16	13	1/4"	5	60	56	45	33.2	47	M6x1	24	128	26	25
	22	M16x1.5	22	18											34	
40	18	M14x1.5	18	15	3/8"	-	62	73	63	41.7	59	M8x1	35	153	30	25
	28	M20x1.5	28	22											42	
50	22	M16x1.5	22	18	1/2"	-	67	74	75	52.3	74	M12x1.25	46	159	34	25
	36	M27x2	36	30											50	
63	28	M20x1.5	28	22	1/2"	-	71	80	90	64.3	91	M12x1.25	46	168	42	32
	45	M33x2	45	36											60	
80	36	M27x2	36	30	3/4"	-	77	93	115	82.7	117	M16x1.5	59	190	50	31
	56	M42x2	56	46											72	
100	45	M33x2	45	36	3/4"	-	82	101	130	96.9	137	M16x1.5	59	203	60	35
	70	M48x2	63	60											88	
125	56	M42x2	56	46	3/4"	-	86	117	165	125.9	178	M22x1.5	81	232	72	35
	90	M64x3	85	80											108	
160	70	M48x2	63	60	1"	-	86	130	205	154.9	219	M27x2	92	245	88	32
	110	M80x3	95	100											133	
200	90	M64x3	85	80	1-1/4"	-	98	165	245	190.2	269	M30x2	115	299	108	32
	140	M100x3	112	120											163	

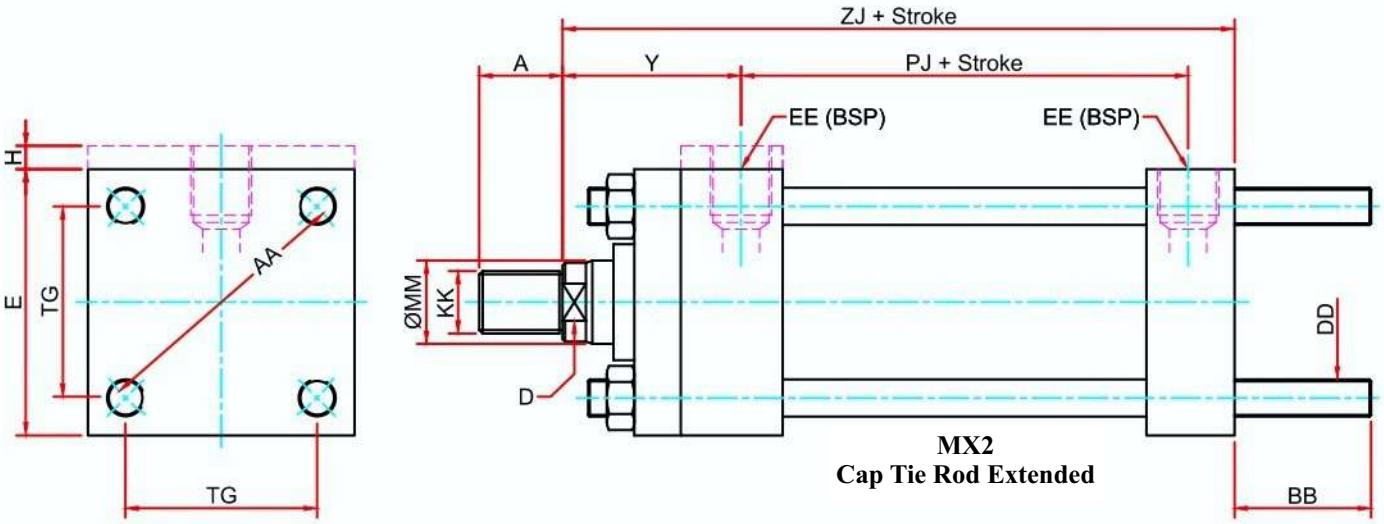
Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MX2

ISO-6020/2

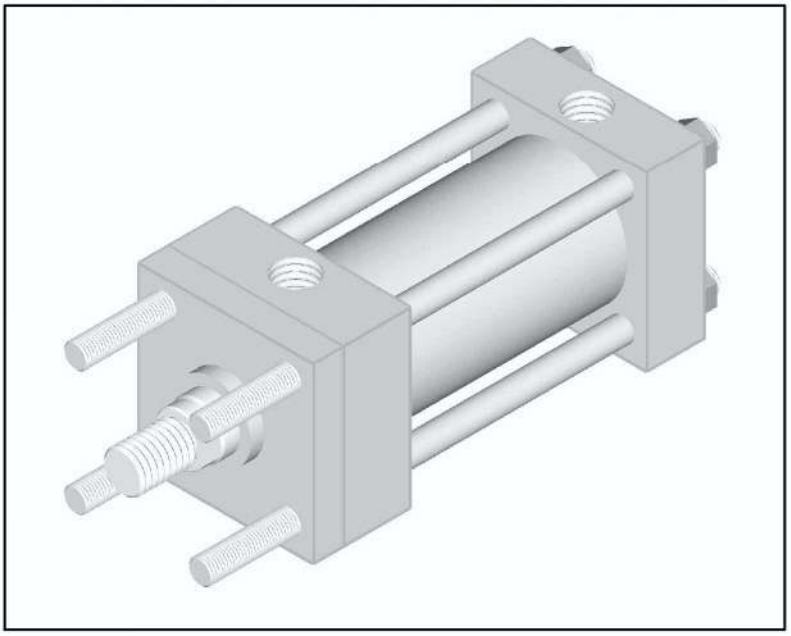


MX2
Cap Tie Rod Extended

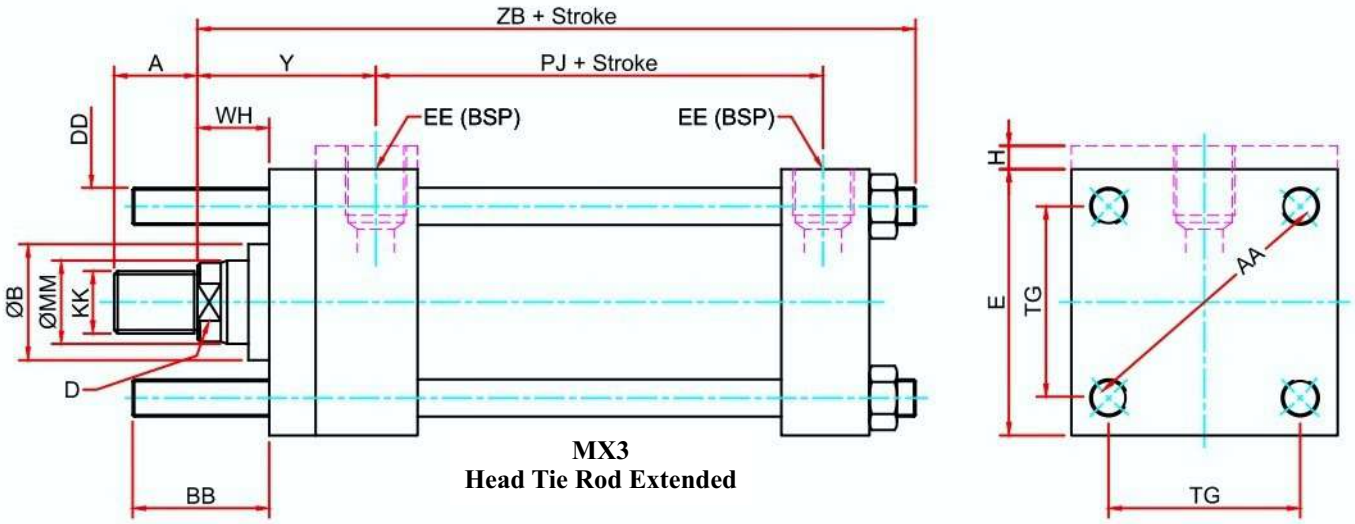
BORE	MM	KK	A	D	EE	H	Y	PJ	E	TG	AA	DD	BB	ZJ
25	12	M10x1.25	14	9	1/4"	5	50	53	40	28.3	40	M5x0.8	19	114
	18	M14x1.5	18	15										
32	16	M12x1.25	16	13	1/4"	5	60	56	45	33.2	47	M6x1	24	128
	22	M16x1.5	22	18										
40	18	M14x1.5	18	15	3/8"	-	62	73	63	41.7	59	M8x1	35	153
	28	M20x1.5	28	22										
50	22	M16x1.5	22	18	1/2"	-	67	74	75	52.3	74	M12x1.25	46	159
	36	M27x2	36	30										
63	28	M20x1.5	28	22	1/2"	-	71	80	90	64.3	91	M12x1.25	46	168
	45	M33x2	45	36										
80	36	M27x2	36	30	3/4"	-	77	93	115	82.7	117	M16x1.5	59	190
	56	M42x2	56	46										
100	45	M33x2	45	36	3/4"	-	82	101	130	96.9	137	M16x1.5	59	203
	70	M48x2	63	60										
125	56	M42x2	56	46	3/4"	-	86	117	165	125.9	178	M22x1.5	81	232
	90	M64x3	85	80										
160	70	M48x2	63	60	1"	-	86	130	205	154.9	219	M27x2	92	245
	110	M80x3	95	100										
200	90	M64x3	85	80	1-1/4"	-	98	165	245	190.2	269	M30x2	115	299
	140	M100x3	112	120										

Note:- All above dimensions are in mm.

KKM HYDRAULIC CYLINDER



MX3
ISO-6020/2



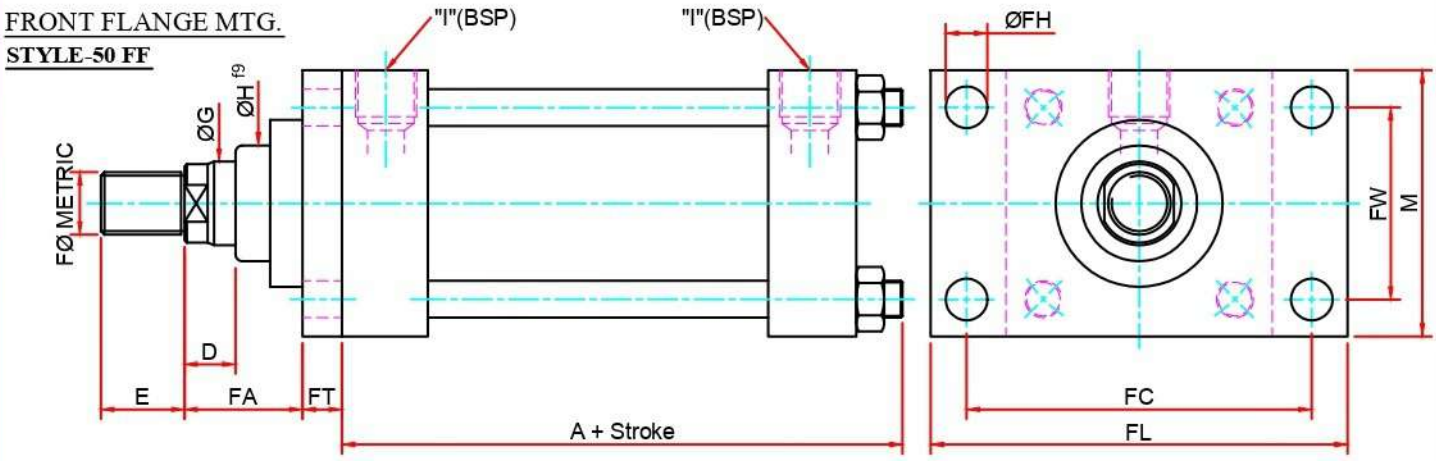
MX3
Head Tie Rod Extended

BORE	MM	KK	A	D	EE	H	Y	PJ	E	TG	AA	DD	BB	ZB	B	WH
25	12	M10x1.25	14	9	1/4"	5	50	53	40	28.3	40	M5x0.8	19	121	24	15
	18	M14x1.5	18	15											30	
32	16	M12x1.25	16	13	1/4"	5	60	56	45	33.2	47	M6x1	24	137	26	25
	22	M16x1.5	22	18											34	
40	18	M14x1.5	18	15	3/8"	-	62	73	63	41.7	59	M8x1	35	166	30	25
	28	M20x1.5	28	22											42	
50	22	M16x1.5	22	18	1/2"	-	67	74	75	52.3	74	M12x1.25	46	176	34	25
	36	M27x2	36	30											50	
63	28	M20x1.5	28	22	1/2"	-	71	80	90	64.3	91	M12x1.25	46	185	42	32
	45	M33x2	45	36											60	
80	36	M27x2	36	30	3/4"	-	77	93	115	82.7	117	M16x1.5	59	212	50	31
	56	M42x2	56	46											72	
100	45	M33x2	45	36	3/4"	-	82	101	130	96.9	137	M16x1.5	59	225	60	35
	70	M48x2	63	60											88	
125	56	M42x2	56	46	3/4"	-	86	117	165	125.9	178	M22x1.5	81	260	72	35
	90	M64x3	85	80											108	
160	70	M48x2	63	60	1"	-	86	130	205	154.9	219	M27x2	92	279	88	32
	110	M80x3	95	100											133	
200	90	M64x3	85	80	1-1/4"	-	98	165	245	190.2	269	M30x2	115	336	108	32
	140	M100x3	112	120											163	

Note:- All above dimensions are in mm.

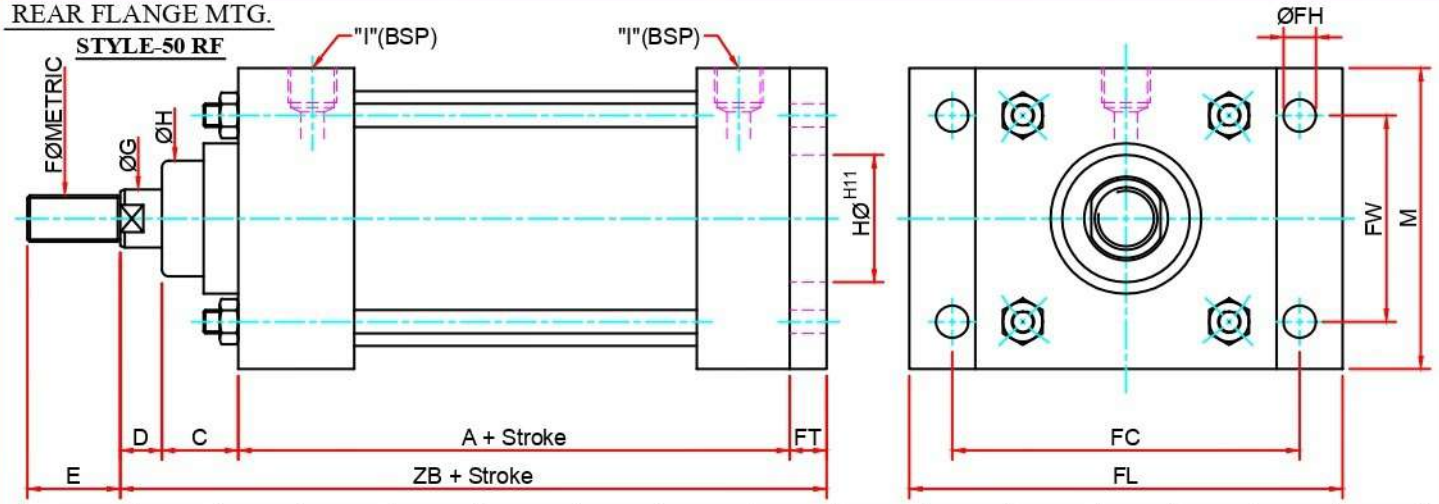
KKM HYDRAULIC CYLINDER-(MEDIUM PRESSURE)

FRONT FLANGE MTG.
STYLE-50 FF



BORE	A	D	E	F	G	H	I	M	FA	FC	FH	FL	FT	FW
40	98	10	20	12x1.5	16	35	3/8"	55	15	71	9	86	10	40
50	112	10	25	16x1.5	20	40	3/8"	64	15	80	9	95	10	48
63	102	10	25	16x1.5	20	40	3/8"	80	28	110	11	130	12	60
80	113	15	35	24x2	25	45	1/2"	94	34	120	11	140	16	70
100	115	15	45	30x2	32	55	1/2"	115	44	138	13	162	16	90
125	122	15	50	33x2	36	65	1/2"	142	47	170	15	198	18	114
150	138	20	55	36x3	40	70	3/4"	170	55	202	17	234	20	138
200	145	25	70	45x3	50	80	3/4"	220	66	260	21	300	24	180

REAR FLANGE MTG.
STYLE-50 RF



BORE	A	C	D	E	F	G	H	I	M	FB	FC	FH	FL	FT	FW
40	98	15	10	20	12x1.5	16	35	3/8"	55	133	71	9	86	10	40
50	112	15	10	25	16x1.5	20	40	3/8"	64	147	80	9	95	10	48
63	102	30	10	25	16x1.5	20	40	3/8"	80	154	110	11	130	12	60
80	113	35	15	35	24x2	25	45	1/2"	94	179	120	11	140	16	70
100	115	45	15	45	30x2	32	55	1/2"	115	191	138	13	162	16	90
125	122	50	15	50	33x2	36	65	1/2"	142	205	170	15	198	18	114
150	138	55	20	55	36x3	40	70	3/4"	170	233	202	17	234	20	138
200	145	65	25	70	45x3	50	80	3/4"	220	259	260	21	300	24	180

Note:- All above dimensions are in mm.unless otherwise specified dimensions subject to alteration without notice.

KKM MEDIUM DUTY HYDRULIC CYLINDER
MAXIMUM WORKING PRESSURE 50 kg/cm²

FRONT FLANGE MTG.
REAR FLANGE MTG.

K.K.MACHINERIES PVT.LTD.
Bldg No.-145/154Unit No-4,Indain Corporation,Mankoli Naka,Bhiwandi,Thane-421 302.Tel No-02522 661829

DRG.NO :-
KKM 2040-2

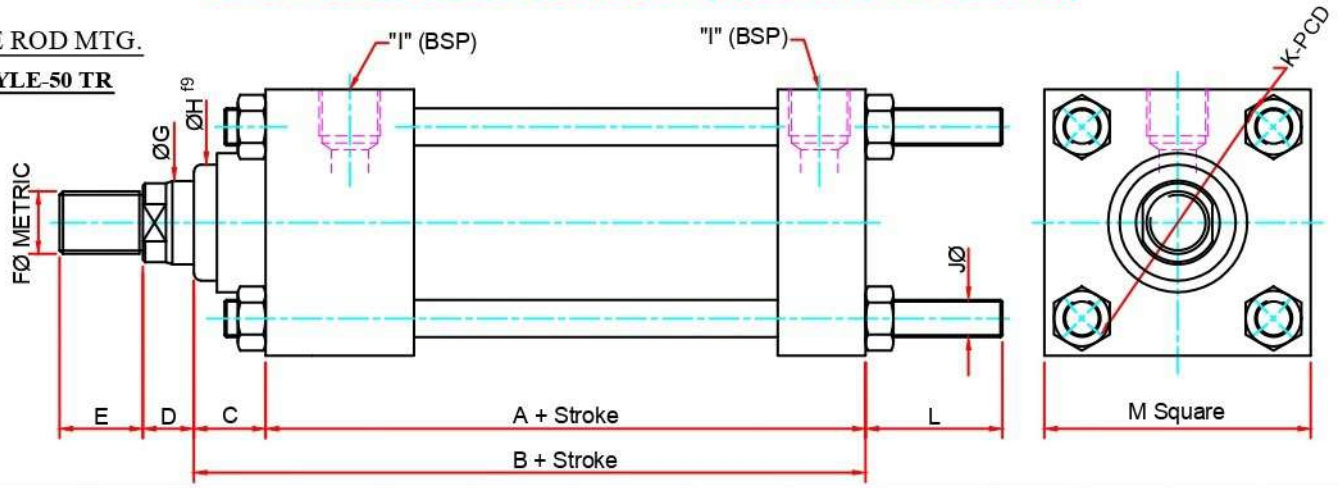
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KKM HYDRAULIC CYLINDER-(MEDIUM PRESSURE)

TIE ROD MTG.

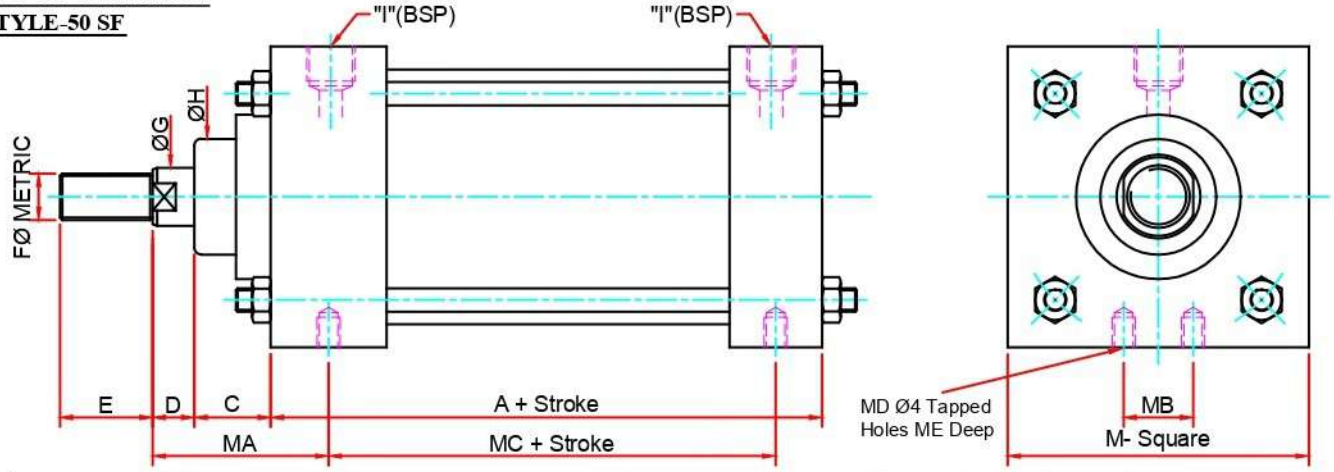
STYLE-50 TR



BORE	A	B	C	D	E	F	G	H	I	J	K	L	M
40	98	123	15	10	20	12x1.5	16	35	3/8"	8	57	20	55
50	112	137	15	10	25	16x1.5	20	40	3/8"	8	70	20	64
63	102	142	30	10	25	16x1.5	20	40	3/8"	8	88	20	80
80	113	163	35	15	35	24x2	25	45	1/2"	10	105	25	94
100	115	175	45	15	45	30x2	32	55	1/2"	12	128	25	115
125	122	187	50	15	50	33x2	36	65	1/2"	16	160	30	142
150	138	213	55	20	55	36x3	40	70	3/4"	16	190	30	170
200	145	235	65	25	70	45x3	50	80	3/4"	20	245	40	220

SIDE FLUSH MTG.

STYLE-50 SF



BORE	A	B	C	D	E	F	G	H	I	M	MA	MB	MC	MD	ME
40	98	123	15	10	20	12x1.5	16	35	3/8"	55	52	22	57	8	12
50	112	137	15	10	25	16x1.5	20	40	3/8"	64	57	30	66	8	12
63	102	142	30	10	25	16x1.5	20	40	3/8"	80	57	35	71	10	15
80	113	163	35	15	35	24x2	25	45	1/2"	94	70	40	75	12	18
100	115	175	45	15	45	30x2	32	55	1/2"	115	80	55	78	12	18
125	122	187	50	15	50	33x2	36	65	1/2"	142	86	70	84	16	24
150	138	213	55	20	55	36x3	40	70	3/4"	170	99	90	93	20	26
200	145	235	65	25	70	45x3	50	80	3/4"	220	114	118	100	24	30

Note:- All above dimensions are in mm.unless otherwise specified dimensions subject to alteration without notice.

KKM MEDIUM DUTY HYDRULIC CYLINDER
MAXIMUM WORKING PRESSURE 50 kg/cm^2

TIE ROD MOUNTING
SIDE FLUSH MTG

K.K.MACHINERIES PVT.LTD.
Bldg No.-145/154Unit No-4,Indain Corporation,Mankoli Naka,Bhiwandi,Thane-421 302.Tel No-02522 661829

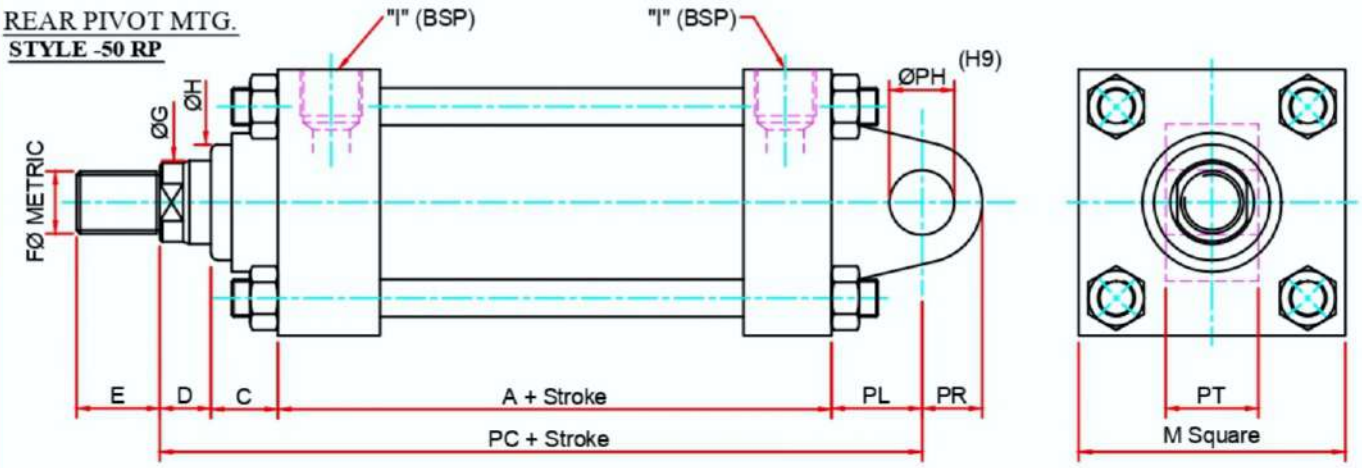
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KKM-2041-2

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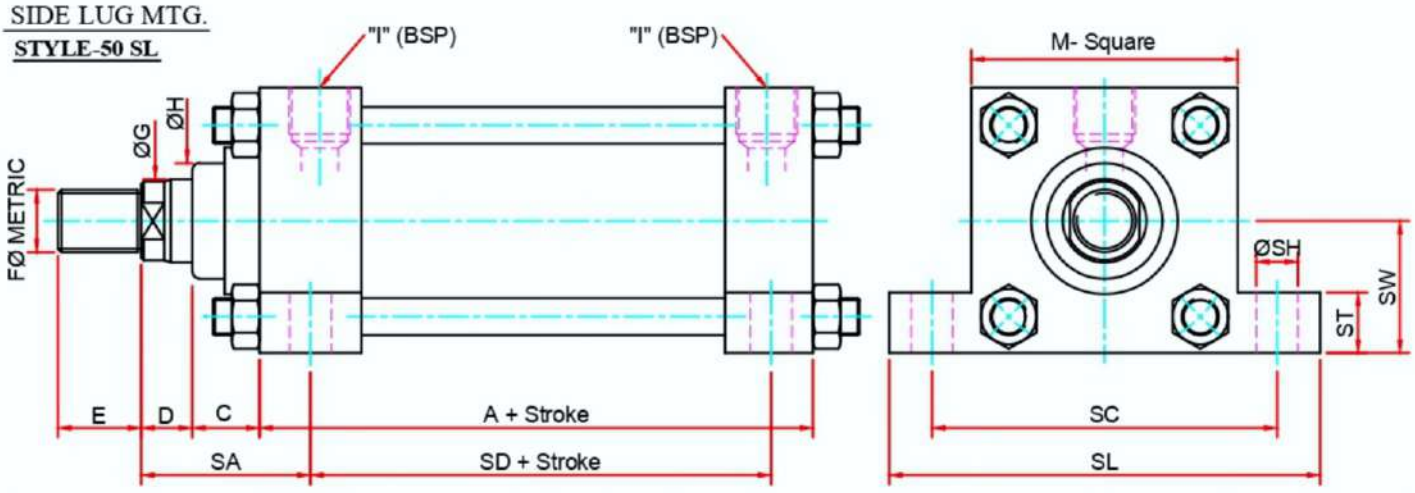
KKM HYDRAULIC CYLINDER-(MEDIUM PRESSURE)

REAR PIVOT MTG.
STYLE -50 RP



BORE	A	C	D	E	F	G	H	I	M	PC	PH	PL	PR	PT
40	98	15	10	20	12x1.5	16	35	3/8"	55	143	12	20	14	18
50	112	15	10	25	16x1.5	20	40	3/8"	64	157	12	20	14	18
63	102	30	10	25	16x1.5	20	40	3/8"	80	167	16	25	18	22
80	113	35	15	35	24x2	25	45	1/2"	94	193	20	30	22	32
100	115	45	15	45	30x2	32	55	1/2"	115	205	20	30	22	32
125	122	50	15	50	33x2	36	65	1/2"	142	222	25	35	27	35
150	138	55	20	55	36x3	40	70	3/4"	170	253	28	40	30	40
200	145	65	25	70	45x3	50	80	3/4"	220	285	30	50	32	45

SIDE LUG MTG.
STYLE-50 SL



BORE	A	C	D	E	F	G	H	I	M	SA	SC	SD	SH	SL	ST	SW
40	98	15	10	20	12x1.5	16	35	3/8"	55	52	78	57	9	96	12	27.5
50	112	15	10	25	16x1.5	20	40	3/8"	64	57	92	66	11	112	12	32
63	102	30	10	25	16x1.5	20	40	3/8"	80	57	108	71	11	128	12	40
80	113	35	15	35	24x2	25	45	1/2"	94	70	124	75	13	148	16	47
100	115	45	15	45	30x2	32	55	1/2"	115	80	148	78	13	172	16	57.5
125	122	50	15	50	33x2	36	65	1/2"	142	86	184	84	17	216	20	71
150	138	55	20	55	36x3	40	70	3/4"	170	99	220	93	21	260	25	85
200	145	65	25	70	45x3	50	80	3/4"	220	114	280	100	26	330	30	110

Note:- All above dimensions are in mm.unless otherwise specified dimensions subject to alteration without notice.

KKM MEDIUM DUTY HYDRULIC CYLINDER
MAXIMUM WORKING PRESSURE 50 kg/cm^2

REAR PIVOT MTG.
SIDE LUG MTG.

K.K.MACHINERIES PVT.LTD.
Bldg No.-145/154Unit No-4,Indain Corporation,Mankoli Naka,Bhiwandi,Thane-421 302.Tel No-02522 661829

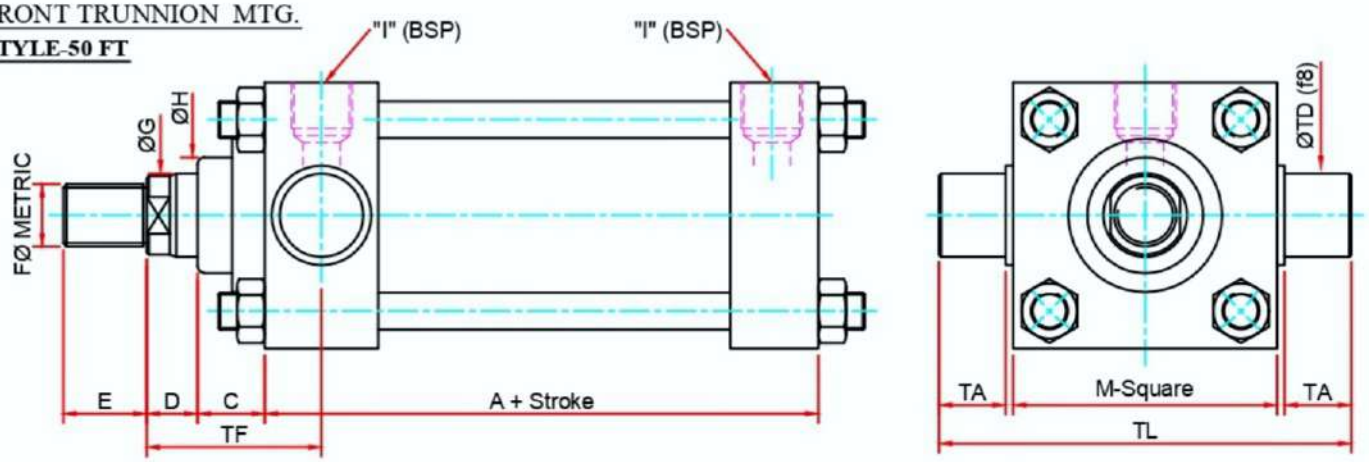
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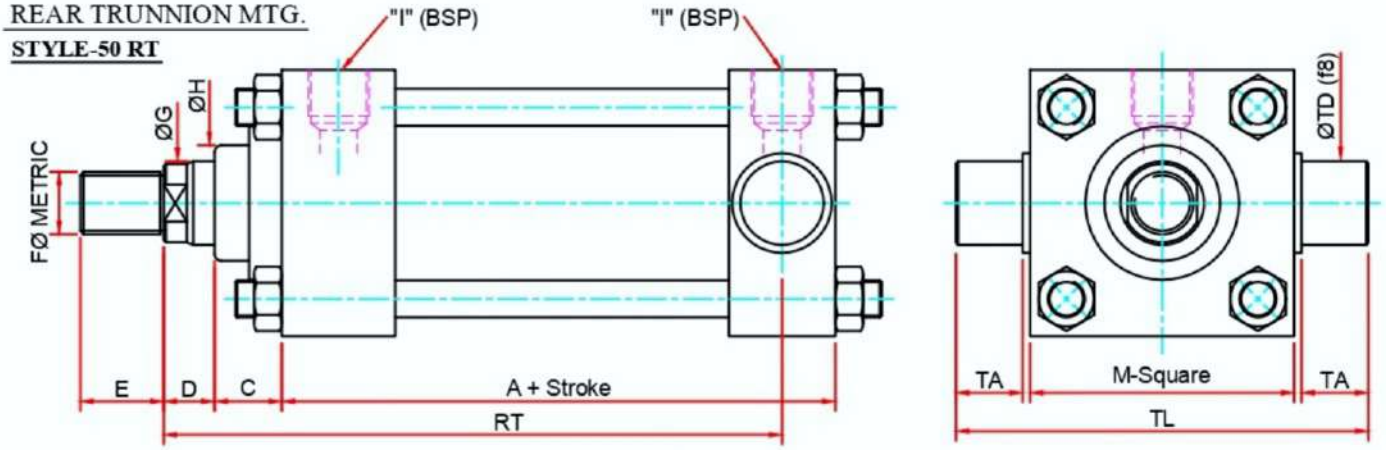
KKM HYDRAULIC CYLINDER-(MEDIUM PRESSURE)

FRONT TRUNNION MTG.
STYLE-50 FT



BORE	A	C	D	E	F	G	H	I	M	TA	TD	TF	TL
40	98	15	10	20	12x1.5	16	35	3/8"	55	16	16	52	92
50	112	15	10	25	16x1.5	20	40	3/8"	64	20	20	57	110
63	102	30	10	25	16x1.5	20	40	3/8"	80	20	20	57	126
80	113	35	15	35	24x2	25	45	1/2"	94	25	25	70	146
100	115	45	15	45	30x2	32	55	1/2"	115	25	25	80	172
125	122	50	15	50	33x2	36	65	1/2"	142	28	28	86	206
150	138	55	20	55	36x3	40	70	3/4"	170	30	30	99	240
200	145	65	25	70	45x3	50	80	3/4"	220	40	40	114	310

REAR TRUNNION MTG.
STYLE-50 RT



BORE	A	C	D	E	F	G	H	I	M	TA	TD	TL	RT
40	98	15	10	20	12x1.5	16	35	3/8"	55	16	16	92	109
50	112	15	10	25	16x1.5	20	40	3/8"	64	20	20	110	123
63	102	30	10	25	16x1.5	20	40	3/8"	80	20	20	126	128
80	113	35	15	35	24x2	25	45	1/2"	94	25	25	146	145
100	115	45	15	45	30x2	32	55	1/2"	115	25	25	172	157
125	122	50	15	50	33x2	36	65	1/2"	142	28	28	206	169
150	138	55	20	55	36x3	40	70	3/4"	170	30	30	240	192
200	145	65	25	70	45x3	50	80	3/4"	220	40	40	310	214

Note:- All above dimensions are in mm.unless otherwise specified dimensions subject to alteration without notice.

KKM MEDIUM DUTY HYDRULIC CYLINDER
MAXIMUM WORKING PRESSURE 50 kg/cm^2

FRONT TRU. MTG.
REAR TRUNNION MTG.

K.K.MACHINERIES PVT.LTD.
Bldg No.-145/154Unit No-4,Indain Corporation,Mankoli Naka,Bhiwandi,Thane-421 302.Tel No-02522 661829

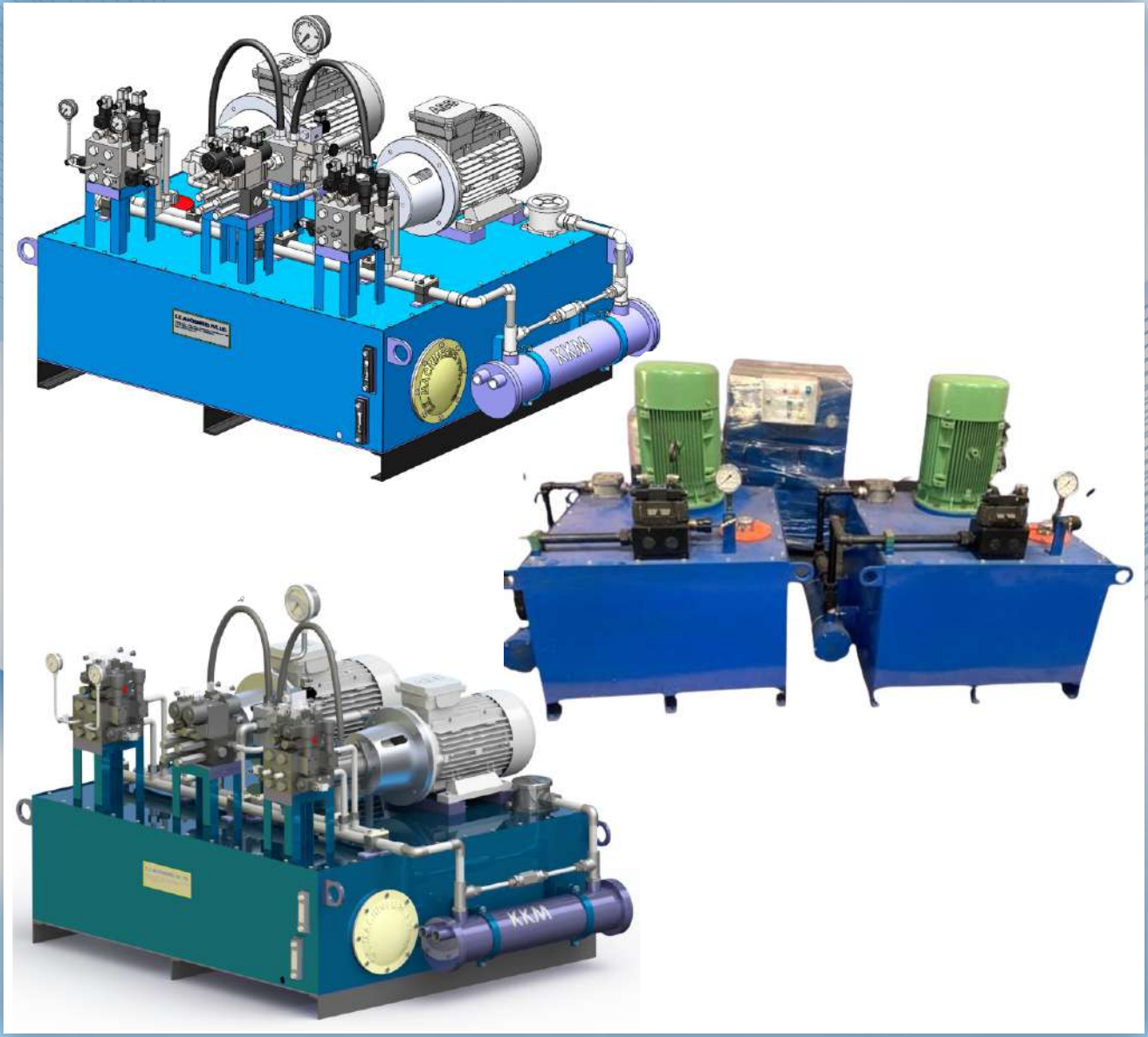
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KKM-2043-2

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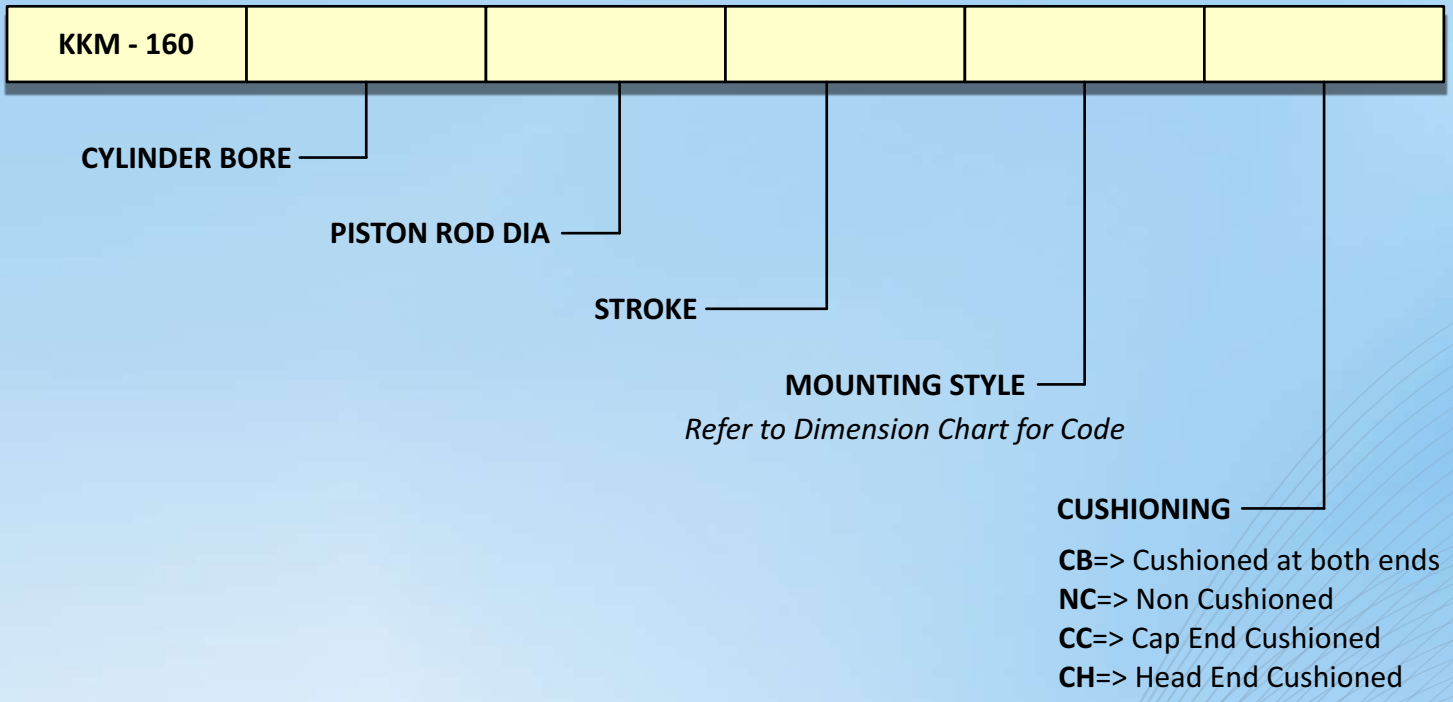
HYDRAULIC POWER PACK SYSTEM

Function	***Servicing the Hydraulic Systems of:*** • Withdrawal & Straightener • Rigid Dummy Bar Storage • Pusher Mechanism
Location	Hydraulic Room
Construction	Hydraulic Power Station Logically divided into individual systems
Fluid	Safe and reliable system with individual strand or equipment related groups Mineral Oil ISO VG 68 / HVLP according to DIN 51'524



ORDERING DETAILS

Please use the following format when ordering:



Example : For Hydraulic Cylinder with Bore 100mm, Piston Rod Dia. 56mm, Mounting Front Flange and Cushioned at both ends will be specified as **KKM-160/100/56/500/ME5/CB**

OUR RANGE OF PRODUCTS INCLUDE:

- Hydraulic Cylinders for medium duty application with operating pressures up to 50 kg/cm² bore sizes available from 32 mm to 300 mm and stroke up to 5 meters.
- Heavy duty Hydraulic Cylinders for general applications operating pressures upto 160 kg/cm² bore sizes avaible from 40 mm to 500 mm and stroke up to 5 meters.
- Hydraulic Cylinders as per ISO 6020/1 with round construction operating at pressures up to 160 kg/cm².
- High Pressure Hydraulic Cylinders operating at pressures up to 350 kg/cm².
- Pneumatic Cylinders for a range of bores from 25 mm to 600 mm and stroke up to 5 meters.
- Hydraulic Systems / Power Packs as per customer requirements.

OUR MISSION AND VISION

KKM is successful due to its simple but efficient strategy:

- Continuous development of operating processes and production
- Continuous training of employees
- Maintaining a diversified team
- Maintaining constant contact with clients
- Maintaining internal procedures for smooth work flow
- Continuous ensuring of quality

We offer hydraulic cylinders to our customers that are recognized by reliability, 100% testing, Top design, Safety and long term peace of mind with hydraulic systems.

Our mission is to provide complete and reliable operation of hydraulic equipment.

OUR CLIENTS

- TATA Steel, Pan India
- Jindal (Maharashtra Seamless Ltd.)
- Bridgestone India Pvt. Ltd., Pune (MH)
- CNH (Case New Holland - Italy), NOIDA
- VE Commercial, Dewas (M.P.)
- DS Hytech India Pvt. Ltd., Bhiwandi
- Bonafide Arts Pvt.Ltd., Jaipur
- Dindigul Steel Rolling Mills (P) Ltd. Tamilnadu
- Jaideep Metallics & Alloys Pvt.Ltd.,Wada
- Keyvan Steel., Iran
- Neo Cast Engineering Equipments., Kerala
- New Laxmi Steel & Power P Ltd.,Tamilnadu
- Prime Gold International., Hosur
- Siddha Engineering Solutions,Mumbai
- Victory Plant & Machinery Pvt.Ltd, Bhiwandi
- Yogsiddhi Merchandiser, Sonepat



Contact us and we will be glad to help you.

K.K MACHINERIES PVT. LTD.

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