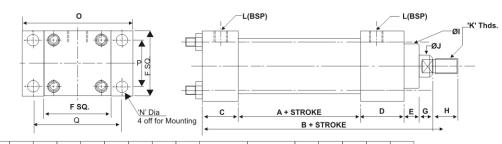






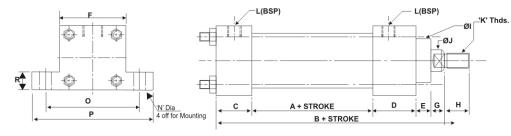


#### **FRONT/ BACK FLANGE MOUNTING**



MODEL NO.	BORE DIMENSION	Α	в	С	D	Е	F	G	н	J	к	L	I DIA	0	Ν	Q	Р
H-40-XXXX-FF/BF	40 mm	60	160	25	25	15	70	15	25	22	M16X1.5	1/4" BSP	60	110	11	90	50
H-50-XXXX-FF/BF	50 mm	65	180	30	30	15	80	15	30	25	M20X1.5	1/4" BSP	65	130	11	109	56
H-65-XXXX-FF/BF	65 mm	65	190	30	30	20	90	20	35	36	M24X2	3/8" BSP	75	150	13	121	65
H-80-XXXX-FF/BF	80 mm	70	205	35	35	20	110	20	35	36	M24X2	3/8" BSP	85	190	16	150	75
H-100-XXXX-FF/BF	100 mm	85	230	40	40	30	135	22	45	45	M36X2	1/2"BSP	100	210	21	164	85
H-125-XXXX-FF/BF	125 mm	110	280	45	45	50	165	25	50	60	M40X2	3/4"BSP	115	250	21	207	115
H-150-XXXX-FF/BF	150 mm	130	325	50	50	50	190	25	60	70	M48X3	3/4" BSP	125	280	26	225	140

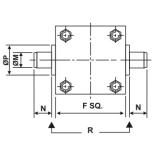
#### FOOT MOUNTING

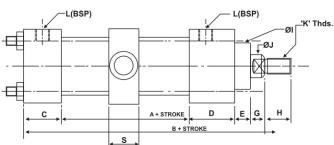


MODEL NO.	BORE DIMENSION	Α	в	С	D	Е	F	G	н ј к		L	I DIA	Ν	0	Р	R	
H-40-XXXX-FM	40 mm	60	160	25	25	15	70	15	25	22	M16X1.5	1/4" BSP	60	11	90	116	15
H-50-XXXX-FM	50 mm	65	180	30	30	15	80	15	30	25	M20X1.5	1/4" BSP	65	11	109	120	20
H-65-XXXX-FM	65 mm	65	190	30	30	20	90	20	35	36	M24X2	3/8" BSP	75	11	121	130	25
H-80-XXXX-FM	80 mm	70	205	35	35	20	110	20	35	36	M24X2	3/8" BSP	85	13	150	170	25
H-100-XXXX-FM	100 mm	85	230	40	40	30	135	22	45	45	M36X2	1/2"BSP	100	22	164	210	30
H-125-XXXX-FM	125 mm	110	280	45	45	50	165	25	50	60	M40X2	3/4"BSP	115	26	207	270	40
H-150-XXXX-FM	150 mm	130	325	50	50	50	190	25	60	70	M48X3	3/4" BSP	125	26	225	280	40

#### **CENTRE TRUNION MOUNTING**







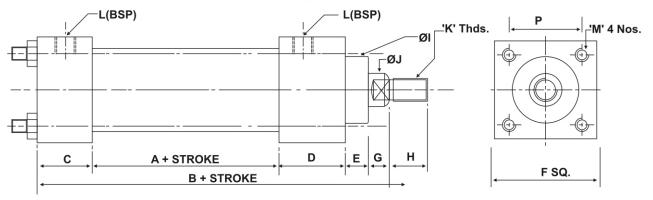
MODEL NO.	BORE DIMENSION	Α	в	С	D	Е	F	G	н	J	к	L	I DIA	Р	м	N	s
H-40-XXXX-TM	40 mm	60	160	25	25	15	70	15	25	22	M16X1.5	1/4" BSP	60	40	30	30	40
H-50-XXXX-TM	50 mm	65	180	30	30	15	80	15	30	25	M20X1.5	1/4" BSP	65	50	35	35	50
H-65-XXXX-TM	65 mm	65	190	30	30	20	90	20	35	36	M24X2	3/8" BSP	75	50	35	35	50
H-80-XXXX-TM	80 mm	70	205	35	35	20	110	20	35	36	M24X2	3/8" BSP	85	60	45	45	60
H-100-XXXX-TM	100 mm	85	230	40	40	30	135	22	45	45	M36X2	1/2"BSP	100	60	45	45	60
H-125-XXXX-TM	125 mm	110	280	45	45	50	165	25	50	60	M40X2	3/4"BSP	115	67	45	45	67
H-150-XXXX-TM	150 mm	130	325	50	50	50	190	25	60	70	M48X3	3/4" BSP	125	85	50	50	85

Note : - Dimensions are subject to change without notice. - xxxx stands for stroke of cylinder in mm.

## HYDRAULIC CYLINDERS

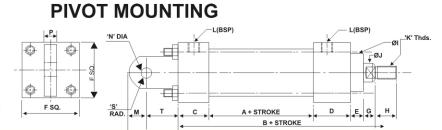


**TECHNICAL DATA** 



Model No.	BORE DIMENSION	А	в	с	D	Е	F	G	н	ſ	к	L	I DIA	Р	м
H-25-XXXX	25 mm	55	155	25	25	15	60	10	25	16	M12x1.25	1/4" BSP	45	30	M8
H-40-XXXX	40 mm	60	160	25	25	15	70	15	25	20	M16X1.5	1/4" BSP	55	49.5	M8
H-50-XXXX	50 mm	65	180	30	30	15	80	15	30	25	M20X1.5	1/4" BSP	65	56	M10
H-65-XXXX	65 mm	65	190	30	30	20	90	20	35	36	M24X2	3/8" BSP	75	65	M12X1.75
H-80-XXXX	80 mm	70	205	35	35	20	110	20	35	36	M24X2	3/8" BSP	85	84.5	M16X2
H-100-XXXX	100 mm	85	230	40	40	30	135	22	45	45	M36X2	1/2"BSP	100	105	M20X2.5
H-125-XXXX	125 mm	105	280	45	45	50	165	25	50	60	M40X2	3/4"BSP	115	126	M24X3
H-150-XXXX	150 mm	110	325	50	50	50	190	25	60	70	M48X3	3/4" BSP	125	150	M24X3
H-200-XXXX	200 mm	120	365	50	50	60	260	25	75	90	M75X3	1" BSP	165	200	M30X3





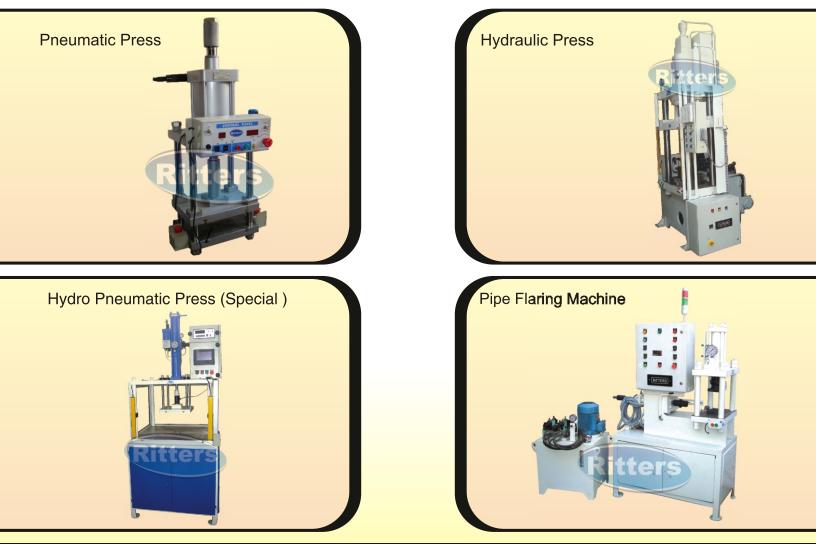
MODEL NO.	BORE DIMENSION	Α	в	С	D	Е	F	G	н	J	к	L	I DIA	Р	Ν	ο	s	т	м
H-40-XXXX-PM	40 mm	60	160	25	25	15	70	15	25	22	M16X1.5	1/4" BSP	60	20	15	112	18	30	20
H-50-XXXX-PM	50 mm	65	180	30	30	15	80	15	30	25	M20X1.5	1/4" BSP	65	30	20	120	22	36	25
H-65-XXXX-PM	65 mm	65	190	30	30	20	90	20	35	36	M24X2	3/8" BSP	75	30	20	130	22	36	25
H-80-XXXX-PM	80 mm	70	205	35	35	20	110	20	35	36	M24X2	3/8" BSP	85	40	25	158	28	43	30
H-100-XXXX-PM	100 mm	85	230	40	40	30	135	22	45	45	M36X2	1/2"BSP	100	50	35	228	40	62	40
H-125-XXXX-PM	125 mm	110	280	45	45	50	165	25	50	60	M40X2	3/4"BSP	115	60	45	280	50	72	50
H-150-XXXX-PM	150 mm	130	325	50	50	50	190	25	60	70	M48X3	3/4" BSP	125	65	50	306	55	85	55

## **HYDRAULIC POWER PACKS**



- For operation of Hydraulic Presses, Jacks & Clamps.
- For Hydrostatic Pressure testing.
- Available Working Pressure from 0 to 300 kgf/cm<sup>2</sup>.
- Available Flow from 1 to 150 ltrs/min.
- Tailor made as per requirement of industry.

### **Our Other Products**



# **Ritters Automation Pvt. Ltd.**

Factory : M-160, Sector-1, DSIDC, Bawana, New Delhi - 110039 Fac. : 27753720-1-2 Fax : +91-11-27753719 E-mail : info@rittersindia.com Website : rittersindia.com



# HIGH SPEED HYDRAULIC CYLINDER

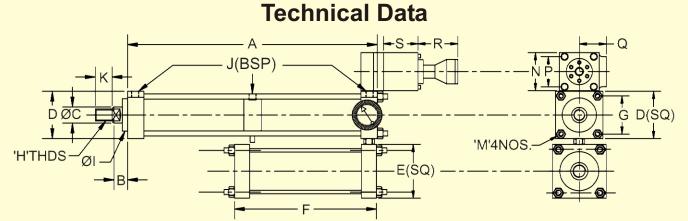
Incorporating Indigenously Developed **New Design** 

Faster Action Energy Efficient Flexibility

Low Oil Temperature

www.rittersindia.com

#### **HIGH SPEED HYDRAULIC CYLINDER**



FRONT VIEW

SIDE VIEW

MODEL NO.	TON	TOTAL STROKE	PUMP	ΗР	W.Pr.	APP./RET. SPEED MM/SEC	PRESS SPEED MM/SEC	APP/RET. LOAD/KG	A	В	С	D (SQ.)	E (SQ.)	F	G	Н	ØI	J	к	М	N	Ρ	Q	R	S
HS-03-50	3	50	6	1.5	85	220	28	385	350	-	32	90	110	320	65	M24X2	65	3/8"BSP	35	M12X1.75	100	75	65	127	103
HS-03-75	3	75	6	1.5	85	220	28	385	400	40	32	90	110	320	65	M24X2	65	3/8"BSP	35	M12X1.75	100	75	65	127	103
HS-03-100	3	100	6	1.5	85	220	28	385	450	40	32	90	110	320	65	M24X2	65	3/8"BSP	35	M12X1.75	100	75	65	127	103
HS-03-150	3	150	6	1.5	85	220	28	385	550	40	32	90	110	420	65	M24X2	65	3/8"BSP	35	M12X1.75	100	75	65	127	103
HS-03-200	3	200	6	1.5	85	220	28	385	650	40	32	90	110	420	65	M24X2	65	3/8"BSP	35	M12X1.75	100	75	65	127	103
HS-05-50	5	50	8	2	95	290	24	430	380	40	32	110	125	330	84.5	M24X2	65	1/2"BSP	35	M16X2	100	75	65	127	103
HS-05-75	5	75	8	2	95	290	24	430	430	40	32	110	125	330	84.5	M24X2	65	1/2"BSP	35	M16X2	100	75	65	127	103
HS-05-100	5	100	8	2	95	290	24	430	480	40	32	110	125	330	84.5	M24X2	65	1/2"BSP	35	M16X2	100	75	65	127	103
HS-05-150	5	150	8	2	95	290	24	430	580	40	32	110	125	430	84.5	M24X2	65	1/2"BSP	35	M16X2	100	75	65	127	103
HS-05-200	5	200	8	2	95	290	24	430	680	40	32	110	125	430	84.5	M24X2	65	1/2"BSP	35	M16X2	100	75	65	127	103
HS-10-50	10	50	10	3	120	200	19	990	430	52	38	135	165	340	105	M36X2	100	1/2"BSP	50	M20X2.5	100	75	65	127	103
HS-10-75	10	75	10	3	120	200	19	990	480	52	38	135	165	340	105	M36X2	100	1/2"BSP	50	M20X2.5	100	75	65	127	103
HS-10-100	10	100	10	3	120	200	19	990	530	52	38	135	165	340	105	M36X2	100	1/2"BSP	50	M20X2.5	100	75	65	127	103
HS-10-150	10	150	10	3	120	200	19	990	630	52	38	135	165	440	105	M36X2	100	1/2"BSP	50	M20X2.5	100	75	65	127	103
HS-10-200	10	200	10	3	120	200	19	990	730	52	38	135	165	440	105	M36X2	100	1/2"BSP	50	M20X2.5	100	75	65	127	103
HS-15-50	15	50	18	5	115	260	22	1310	490	75	50	165	190	350	126	M40X2	110	3/4"BSP	50	M24X3	100	75	65	127	103
HS-15-75	15	75	18	5	115	260	22	1310	540	75	50	165	190	350	126	M40X2	110	3/4"BSP	50	M24X3	100	75	65	127	103
HS-15-100	15	100	18	5	115	260	22	1310	590	75	50	165	190	350	126	M40X2	110	3/4"BSP	50	M24X3	100	75	65	127	103
HS-15-150	15	150	18	5	115	260	22	1310	690	75	50	165	190	450	126	M40X2	110	3/4"BSP	50	M24X3	100	75	65	127	103
HS-15-200	15	200	18	5	115	260	22	1310	790	75	50	165	190	450	126	M40X2	110	3/4"BSP	50	M24X3	100	75	65	127	103
HS-20-50	20	50	20	5	105	150	17	2300	520	75	60	190	190	450	150	M48X3	125	3/4"BSP	50	M24X3	120	90	75	157	113
HS-20-75	20	75	20	5	105	150	17	2300	570	75	60	190	190	450	150	M48X3	125	3/4"BSP	50	M24X3	120	90	75	157	113
HS-20-100	20	100	20	5	105	150	17	2300	620	75	60	190	190	450	150	M48X3	125	3/4"BSP	50	M24X3	120	90	75	157	113
HS-20-150	20	150	20	5	105	150	17	2300	720	75	60	190	190	450	150	M48X3	125	3/4"BSP	50	M24X3	120	90	75	157	113
HS-20-200	20	200	20	5	105	150	17	2300	820	75	60	190	190	450	150	M48X3	125	3/4"BSP	50	M24X3	120	90	75	157	113
HS-30-50	30	50	23	7.5	135	175	17	3065	520	75	60	190	210	450	156	M48X3	125	3/4"BSP	50	M30X3.5	120	90	75	157	113
HS-30-75	30	75	23	7.5	135	175	17	3065	570	75	60	190	210	450	156	M48X3	125	3/4"BSP	50	M30X3.5	120	90	75	157	113
HS-30-100	30	100	23	7.5	135	175	17	3065	620	75	60	190	210	450	156	M48X3	125	3/4"BSP	50	M30X3.5	120	90	75	157	113
HS-30-150	30	150	23	7.5	135	175	17	3065	720	75	60	190	210	450	156	M48X3	125	3/4"BSP	50	M30X3.5	120	90	75	157	113
HS-30-200	30	200	23	7.5	135	175	17	3065	820	75	60	190	210	450	156	M48X3	125	3/4"BSP	50	M30X3.5	120	90	75	157	113
HS-50-50	50	50	31	7.5	100	180	10	2830	475	85	80	325	325	500	247	M56X3	150	1"BSP	60	M42X4.5	120	90	75	157	113
HS-50-75	50	75	31	7.5	100	180	10	2830	525	85	80	325	325	500	247	M56X3	150	1"BSP	60	M42X4.5	120	90	75	157	113
HS-50-100	50	100	31	7.5	100	180	10	2830	575	85	80	325	325	500	247	M56X3	150	1"BSP	60	M42X4.5	120	90	75	157	113
HS-50-150	50	150	31	7.5	100	180	10	2830	775	85	80	325	325	500	247	M56X3	150	1"BSP	60	M42X4.5	120	90	75	157	113
HS-50-200	50	200	31	7.5	100	180	10	2830	875	85	80	325	325	500	247	M56X3	150	1"BSP	60	M42X4.5	120	90	75	157	113

Salient Features

• Faster Action : Faster than Conventional Hydraulic/Pneumatic/Hydro-Pneumatic Presses

• Energy Efficient : Energy Efficient over equivalent Hydraulic/Pneumatic/ Hydro-Pneumatic Presses.

• Flexibility : Maximum Job Pressing Stroke available is upto Total stroke.

• Low Oil Temperature : Powerpack oil temperature is low compare to conventional Hydraulic Presses.