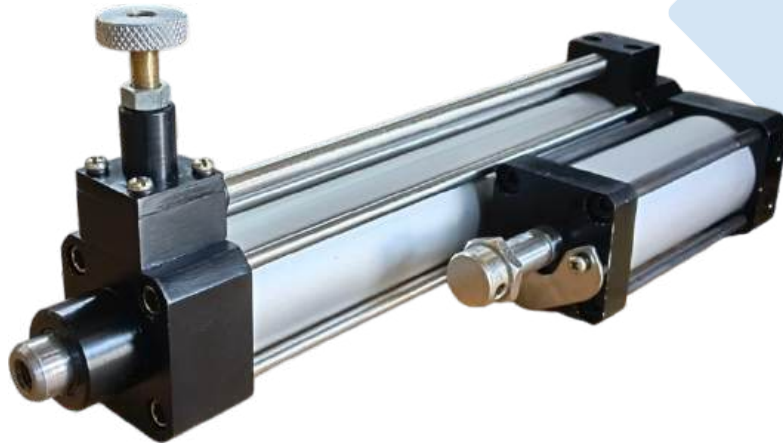




Hydraulic Feed Control Unit

*A compact and economical solution to control the speed,
Power and Precision of Pneumatic Cylinders*

Series 'HFU'



Salient Features

- Precise Speed Control upto 1 mm/sec
- Compact, Lightweight, Versatile & Long Lasting
- Serviceable
- Forward or Retract Speed Control
- Skip Function (Add On)
- Stop Function (Add On)
- 360° Reservoir Mounting
- Load Range upto 1200 Kg

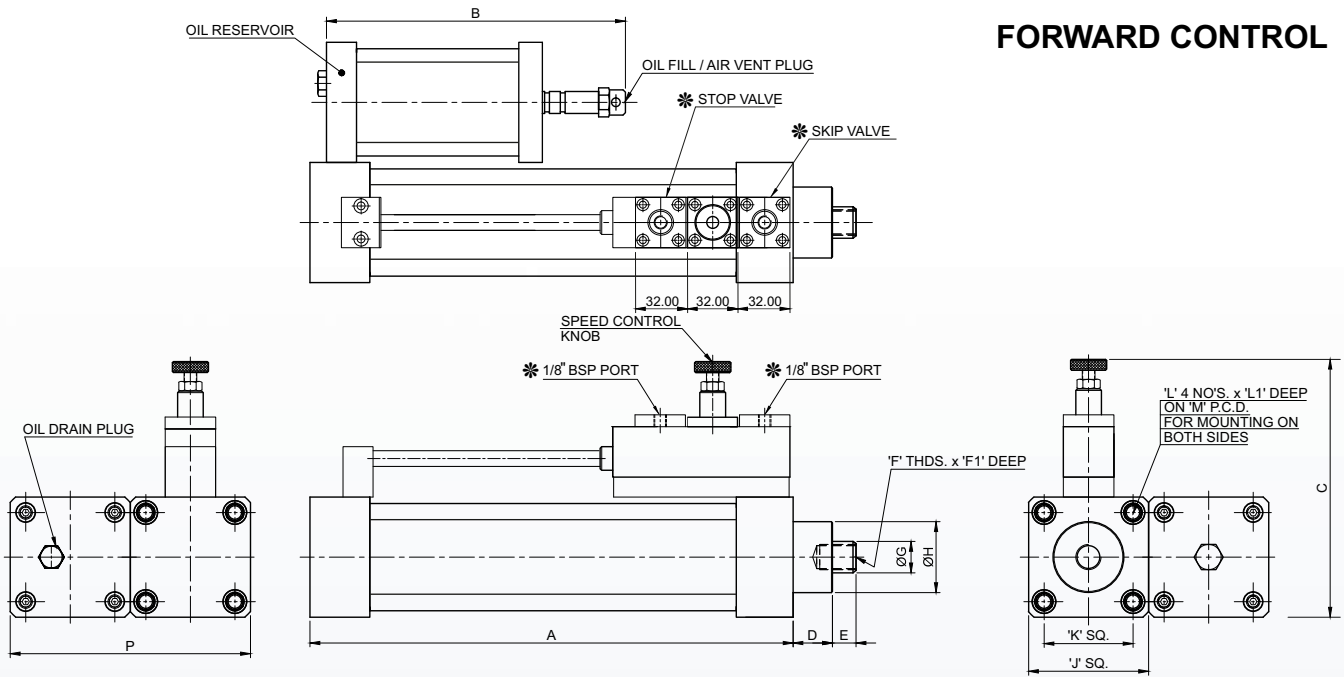
Mercury Pneumatics Pvt. Ltd.

C-105, Ansa Industrial Estate, Saki Vihar Rd, Andheri (E),
Mumbai - 400072. India. Phone: +91-22-40151020

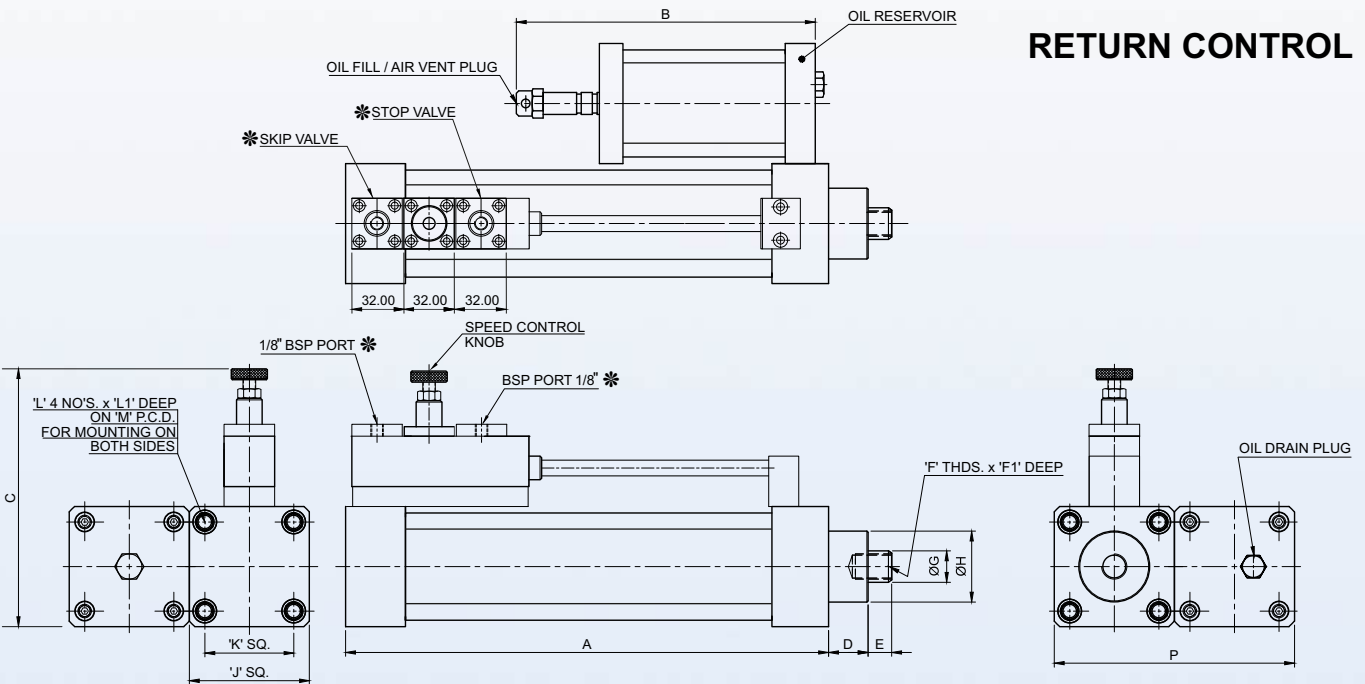
E-mail: contactus@mercuryindia.net Website: www.mercuryindia.net

Dimensional Details

FORWARD CONTROL



RETURN CONTROL



MODEL NO.	TOTAL STROKE	A		B	C				D	E	F	F1	ØG	ØH	J SQ.	K SQ.	L	L1	M	P
		FORWARD CONTROL	RETURN CONTROL		STANDARD	SKIP VALVE	STOP VALVE	SKIP + STOP VALVES												
HFU40-050	050	191	184	167	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU40-100	100	241	234	167	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU40-150	150	291	284	187	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU40-200	200	341	334	187	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU40-250	250	391	384	207	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU40-300	300	441	434	207	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU40-400	400	541	534	247	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU40-500	500	641	634	247	131	151	151	151	20	10	M10	22	18	32	55	40	M6 x 1.0	15	56.5	106
HFU63-050	050	206.5	197.5	175	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153
HFU63-100	100	256.5	247.5	175	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153
HFU63-150	150	306.5	297.5	195	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153
HFU63-200	200	356.5	347.5	195	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153
HFU63-250	250	406.5	397.5	215	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153
HFU63-300	300	456.5	447.5	215	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153
HFU63-400	400	556.5	547.5	255	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153
HFU63-500	500	656.5	647.5	255	152	172	172	172	25	15	M16	32	20	45	76.2	56.5	M10 x 1.5	17	80	153

NOTES :-

1) STANDARD STROKES :- 050, 100, 150, 200, 250, 300, 400, 500 mm.

*2) ADD ON FEATURES.

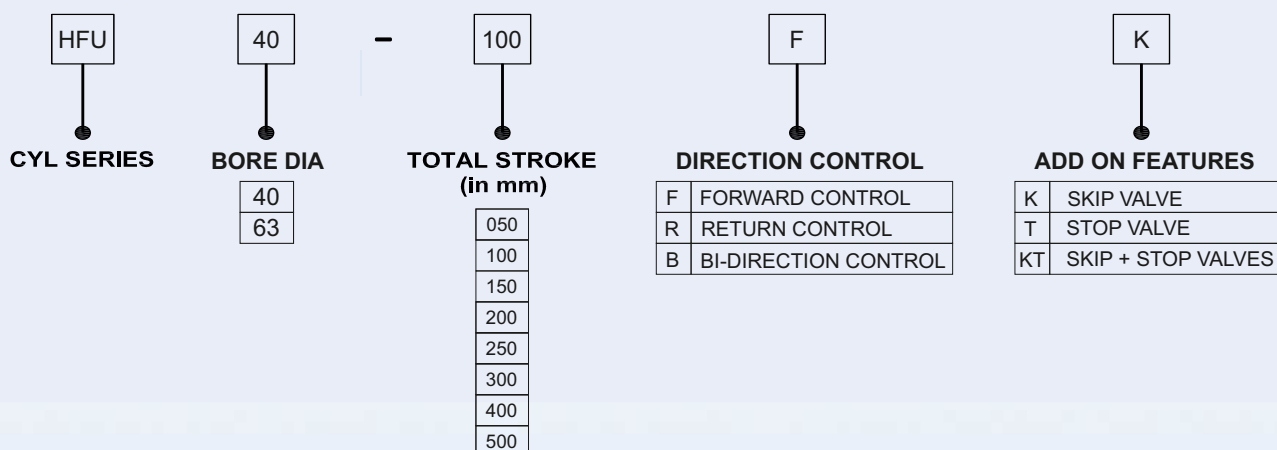
Mechanical Characteristics

Barrel	: Aluminium Hard Anodized
Piston Rod	: EN8 Hard Chrome Plated
End Caps	: Aluminium Anodized
Tie Rods	: Stainless Steel
Piston	: Aluminium
Seals	: NBR / Polyurethane

Operating Conditions

Temperature Range	: -5 ⁰ to + 70 ⁰ C
Max. Connecting Load	: 400 Kg (Ø40)-1200 Kg (Ø63)
Min. Speed	: 1mm / Sec
Operations Pressure For Skip & Stop Valve	: Equal or Higher than Inlet Pressure to Pneumatic Cylinder

How To Order



EXAMPLE : Hydraulic Feed Unit Ø40 Bore, 150 Stroke Forward Control With Skip Function.
Model No. **HFU40-100FK**

Other Pneumatics Products

PNEUMATIC CYLINDERS (TIE ROD DESIGN) T & TM SERIES (ISO 6431) BORE SIZE Ø32 - Ø100	PNEUMATIC CYLINDERS (SQUARE PROFILE DESIGN) AM & AT SERIES (ISO 6431) BORE SIZE Ø32 - Ø200	COMPACT CYLINDERS BORE SIZE Ø25 - Ø100	MICRO CYLINDERS BORE SIZE Ø12 - Ø25
SPOOL TYPE VALVES PORT SIZE 1/8" 1/4" 1/2" 3/4"	POPPET TYPE VALVES PORT SIZE 1/4" 1/2" 3/4"	TUBING & FITTINGS THD'S SIZE 1/8" - 3/4"	AIR PREPARATION UNITS PORT SIZE 1/4" - 1"

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