

INDIA FLUID POWER

— The Real Hydraulic Solutions —



**ALL TYPES OF
HYDRAULIC FILTER
AND ACCESSORIES**





❖ ABOUT US :

"INDIA FLUID POWER" is Established in the year 2018 at ahmedabad Gujrat(India), is one of the known names in the Manufacturer and supplier of industrial hydraulic products, accessories and componets. Our passion for excellence has kept us continually moving to the top of this space.

The range of prouducts we offer is comprised of Suction Stainer, Oil Level Indicators, Air Breather, Filter Breather, Breather Plug, Pipe clamp, Curved Tooth Gear Coupling, Bell Housing, Return Line Filter, Inline Filter, Hose Pipe, Manifold Block, Filter Elements, Check Valve, hydraulic cartridges and more.

The company is situated in well developed industrial city of Ahmedabad Gujarat(western India). Equipped with latest technology and well trained human resources.

Application of the products manufactured by company is used in mechanical industries, machine tools, construction machineries, chemical industries, Die Casting and Plastic, Processing Machinery. Textile Machinery, Copper, Aluminium and alloy Mfg, Industries, earthmoving machineries and all equipment oil hydraulically operated.

Quality Policy

- We are committed to achieve total customer satisfaction and leadership in the market by:
- Complying with products and quality system requirements
- Supplying consistent quality products to our valued customers
- Continually improving effectiveness of quality management system
- Utilizing all available resources effectively
- Creating an environment of team work, positive attitude and innovative approach





❖ SUCTION STRAINERS

MODEL	Sc3 02	Sc3 03	Sc3 05	Sc3 06	Sc3 07	Sc3 07	Sc3 10	Sc3 15	Sc3 20	Sc3 30	Sc3 40	Sc3 50	Sc3 75	Sc3 100	Sc3 150
CONNECTION BSP (F)	1/4"	3/8"	1/2"	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2 1/2"	3"	3"
FLOW (lpm)	8	12	20	20	20	28	40	60	80	120	160	200	300	400	600

- Reusable Stainless steel 100 mesh standard. Filtration 149 microns.
- Aluminium die cast nut
- Continuous Bonding.
- Max. Working temp 80° c.
- Suitable for hydraulic/mineral oil



❖ OIL LEVEL INDICATOR

(Face Type/L-Type , Alu. Knob Type, OLI)

- 'O' RingType Counstruction.
- FACE TYPE : 3",4", 5",6" & 10" between bolt centers.
- KNOB TYPE : 1/4" to 2"BSP(M) connection.
- L-Type : Brass 2" to 20" Height Available.
- Maximum Temp. 80° c.
- Suitable for mineral / petroleum based oils for polycarbonet.



❖ FILLER BRETHET & TANK BRETHET

MODEL	FSB-05	FSB-25	TB-05	TB-25	35 TB- 65 165
CONNECTION BSP (F)	--	--	1/4", 3/8",1/2"	3/4", 1", 1 1/2"	1 1/2", 2", 2 1/2", 3"
FLOW (cfm) (lpm)	5 150	25 750	150	750	1000 to 4000

- Chrome plated Steel Cap.Vents underneath.
- Filtration 40 microns standard/optional 10 & 3 microns.
- Metal or plastic strainer standard.
- Air Flow to 25 CFM (750 LPM)
- Hardware Includes Gaskets & (05 x 15) Screws.



❖ BREATHET PLUGS

- Special polyamide techno polymer or orange marked "OLI" black threaded Connector, Resistant to solvents, Oil, Greases and other Chemical agents.
- Flat NBR synthetic packing ring.
- Maximum temperature 100° C.
- Type TBP with "Foam" air filter, air filtration 40 Microns.
- TBP Breather Plugs come complete with splash guard device that prevents oil loss / Size: 1/4" to 1" BSP.
- MS Type/ Brass Type Size: 1/4" to 1 1/2" BSP.





❖ PIPE CLAMP (PCS/PCD/PCH)

- IFP Clamps according to DIN 3015.
- High density polythene mould and mild steel plates construction.
- Heavy & light duty.
- Range 6 mm to 324 mm pipe.



❖ GEAR COUPLING

MODEL	IFP-19	IFP-28	IFP-38	IFP-48	IFP-65
PILOT BORE (mm)	07	10	12	15	20
SUITABLE MOTOR HP	0.25-1	1-5	5-10	10-30	40-60

- Material Steel hub & high graded plastic material Sleeve.



❖ BELL HOUSING

- By using bell housings motor and pump shaft are aligned to each other optimally.
- Material aluminium low weight with sufficient strength.
- Horizontal assembly possible with foot cum flange motor.
- Aluminium bell housing also reduces the noise generation considerably.



❖ INLINE / RETURN LINE FILTER

- All Aluminum die cast construction. (Inline/Return line)
- 3 basic models - flows to 150 lpm. (Inline)
- 4 Size - Flows Up to 175 LPM. (Return line)
- By pass standard 1 bar. (Inline/Return line)
- Working pressure to 20 bar. (Inline)
- Test 30 bar / burst 40 bar
- Max temp. limited To 80° c. (Inline)
- Suitable for mineral / petroleum based oils. (Inline/Return line)



❖ HYDRAULIC CYLINDERS

- Manufacturing standard & custom made hydraulic cylinders.
- Flange/Trunnion/Clevis/Leg Mounting Cylinder.
- Single/Double acting.
- Tie rod/Welded Const./Lift/ Double rod/Hose burst hyd. cylinders.
- Bore diameter 25 mm to 800 mm.
- Stroke up to 6000 mm
- working pressure up to 700 bar.





❖ MANIFOLD BLOCK

MODEL	CONNECTION(BSP)
NG-06	1/4", 3/8" & 1/2"
NG-10	1/4", 3/8" & 1/2"
NG-16	1/2" & 3/4"
NG-20	3/4" & 1"

- Manifold block for any type custom built system are available. Any type of subplates for dc valve-pre, relief valve And flow control valve.



❖ DOWTY SEALS

SIZE BSP	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/8"	1 3/4"	1 5/8"	2"	2 1/2"
OD(MM)	16	20.5	24	28	31	35	43	52.5	58.5	59	68.6	63.6	73	87.6
ID(MM)	10.5	13.6	17	21	24.4	27	33.9	42.5	48	47	54.74	52	60.5	75.6
THICKNESS (MM)	3.5	3	3	4	3.5	3.5	3.5	4.5	4.5	6	5.25	4.7	4.5	6.2



❖ COPPER WASHER

SIZE BSP	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
OD(MM)	14	18	22	28	32	39	48	56	68
ID(MM)	10	13	17	21	27	33	42	48	60
THICKNESS (MM)	1.5	1.5	1.5	1.5	1.5	2	2	2	2



❖ BALL VALVE(2 WAY/3 WAY)(C-TYPE,L-TYPE)

SIZE BSP	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
WORKING PRESSURE(bar)	500	500	400	300	280	250	220	200
MAX. FLOW (LPM)	10	20	30	80	120	180	280	400

- Material-Carbon Steel/Stainless Steel
- Ball Seal-POM/PEEK/PTEE/GFT/CFT
- Body & Stem Seals - PTFE/NBR/FPM
- Temp. Range-40°C to 200°C





❖ INLINE CHECK VALVE/SUBPLATE TYPE

MODEL	C-06-T C-06-S	C-08-T C-08-S	C-10-T C-10-S	C-16-T C-16-S	C-20-T C-20-S	C-25-T C-25-S	C-30-T C-30-S
CONNECTION BSP(F)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"
MAX. FLOW (LPM)	10	20	30	80	120	200	280

- Tube connection check valve RHD,RHV & RHZ available in 6mm to 42mm.
- Steel poppet type construction.
- Prevents flow in reverse direction.
- Max Working Pressure 350 bar.
- Choice of cracking pressure 0.5 to 15 bar.



❖ FLOW CONTROL & CHECK VALVE

MODEL	DV-08 DRV-08	DV-10 DRV-10	DV-12 DRV-12	DV-16 DRV-16	DV-20 DRV-20	MODULAR	
						TCM-06	TCM-10
CONNECTION BSP(F)	1/4"	3/8"	1/2"	3/4"	1"	-	-
MAX. FLOW (LPM)	10	20	40	70	120	30	60

- Integrated check valves allows reversed free flow from outlet to inlet.
- Max. Working pressure 350 bar.
- Type: Threaded/Modular.



❖ DIRECTION CONTROL VALVE

MODEL	4DL 10G***
MAX. WORKING PRESSURE(BAR)	Port P, A & B ... 315 Port T100
MAX. FLOW (LPM)	100

- Completely encapsulated control mechanism for protection against dirt.
- Five chamber design.
- Wide variety of spools available in subplate / threaded model.
- Spool available A, C, D, E, G, H, J.



❖ NEEDLE VALVE/ SHUTT OFF VALVE

- MS & SS bar stock, screwed bonnet, metal to metal construction.
- Variety range of end connection include 1/4" to 1" BSP.
- Maximum Pressure 350 bar.





❖ HYDRAULIC PUMP

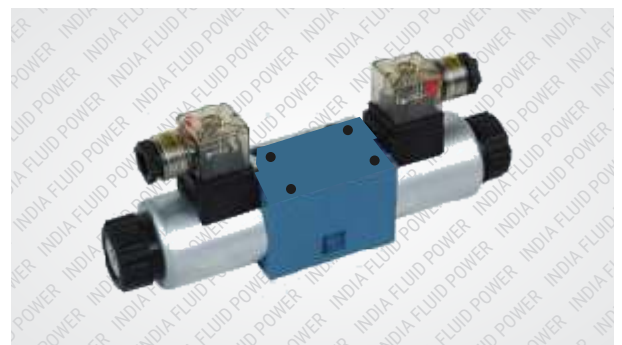
- Product Range also Available in 4000psi working pressure in IP series
- Tandem, triple and four combination pump also available on request.
- Pump 0P , 1P, 2P, 3P, Also available.
- Max. Working pressure 100 to 207 bar.



❖ HYDRAULIC VALVE

4/3 and 4/2 Directional Valves with wet pin DC or AC solenoids, Type 4WE 6 or 10

- The 4WE 6 or 10 directional valves are solenoid operated directional spool valves.
- They control the start, stop and direction of flow.
- Solenoid coil can be rotated through 90°
- All valves can be changed from AC to Dc or DC to AC by changing only.



❖ 4/3 and 4/3 Way Directional Valves Pilot Operated Type 4WEH.

Externally Pilot Operated Type 4WH.

- There are four different pilot control types to control main valve's spool moving accurately.
- It used to control the start, stop and direction of a fluid flow.
- The Shifting time also can be adjusted by assembling throttle and check valve.



❖ RV Pressure Relief Valves/ Direct Operated Pressure Relief Valve

- Max. Pressure: 700 bar
- The valve can control pressure value of one oil road in system.
- Manifold pressure can come true by adjustment handle.
- There are three kinds of pressure adjustment range.
- Max. Flow Size: 02 up to 35L/min & Size 03 upto 70L/min.



❖ HYDRAULIC PRESSURE GAUGE

- Model : Bottom Connection Back Connection,
- Type : Glycerin
- Capacity : 0 to 400kg (Bar)
- Connection : 1/4" to 3/8" BSP
- Application : Determine of system pressure.





❖ HYDRAULIC POWER PACK

- Manufacturing Standard & Custom Made Hydraulic Power Pack Units Up To 500 Bar Working Pressure.
- Applications For Deep Draw Press, Machine Tools, Press Break, Plywood Press, Steel Plants, Cement Plants, Foundry Furnace, Sugar Factories, Plastic Injection Molding Machines, Textile Machineries, Rolling Mills, Power Plant, Etc.



❖ HOSE PIPE

- Hydraulic High Pressure/ Low Pressure Hose
- Hyd. hose for industrial & earth moving application.
- SAE Type Flanges fitting in high & low pressure.
- Size - 1/4" to 2" Hose Available.



❖ SEAMLESS TUBES

- Seamless Tube range 6 mm to 50 mm
- minimum 2000 psi pressure.



❖ HYDRAULIC FITTINGS NOMENCLATURE

- IFP fittings are made in these two series to Accommodate all type of service requirements And system characteristics and are produced to DIN standard 2353.
- **Series L** : For compressed air hydraulic return lines, propane, fuel heating, automotive industry, small type refrigeration equipment device, construction, plastic piping, etc.
- **Series S** : For heavy-duty, machinery, ship building, mining, chemical industry, large capacity refrigeration plant, compressed air lines, etc.



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