



End to End Solutions for your Hydraulic Systems




hydromax
Fluid Power Private Limited

Tube Fittings | Valves | Adaptors | Flanges | Accessories


BELGAUM, KARNATAKA, INDIA

COMPANY PROFILE

HYDROMAX Fluid Power Pvt Ltd situated in Belgaum, Karnataka under its product brand name 

This Company was established in the year 2002 as a Partnership Firm called 'HYDROMAX'. In the year 2022, subsequently, it was converted into a Private Limited Company called 'HYDROMAX Fluid Power Private Limited' since then the company has been manufacturing these below products under its product brand name 

- Hydraulic Tube Fittings with Zinc Plating Surface Treatment conforming to ISO 8434 standards and are manufactured in different sizes and in L and S Series of Pressure range.
- Stainless Steel Hydraulic Tube Fittings conforming to ISO 8434 standards and are manufactured in different sizes and in L and S Series of Pressure range.
- Hydraulic Pipe Flanges as per ISO 6162 | ISO 6164 in different sizes in standard and high pressure series.
- Standard Hydraulic Shut off and Needle Valves, Inline Check Valves, in Carbon Steel and Stainless Steel.
- Hose Adaptors as per BS 5200
- Bonded Seal, Elastomeric Seals and Copper washers.

 brand products are well known for its quality and reasonably priced. The Company has established good In-house Training, Design, Manufacturing, Inspection and Testing facility with latest equipment to meet necessary quality standards.

Apart from the standard fitting company can supply special fitting as per customer needs. including 37° flare and O-ring face sealing (ORFS). Fittings

Tube Fittings are validated for burst, pressure, fatigue, impulse and pull tests per ISO8434-5 and BS4368-4.

Reference Standards:

Reference Tube Fittings standards for Metric tube only

ISO 8434-1--24° Cone Bite type, IS: 8805--24° Cone Bite type, DIN 2353--24° Cone Bite type

ISO 8434--4--24° Cone Bite with Weld on Nipples, BS 5200 --60° Hose end, ISO6162/6164-Flange Standard

Reference Ports Connector Standards :

ISO 1179--BSPP(G) threads, Flat face, BS 5380--BSPP(G) threads, O Ring seal.

ISO 6149--Metric threads, O Ring seal, SAE J 1926/1-SAE (UNF/UN) threads, O Ring seal.

Surface Protection:

Fittings and Ferrules are Zinc Plated surface finish as standard.

Weld coupling & Weldable nipple are Zinc Phosphate and oiled.

OUR PRODUCT RANGE



TUBE FITTINGS

Tube to Tube Fittings : Straight Couplings, Equal Elbow, Equal Tee and Equal Cross Fittings.

Male Stud Fittings : Parallel Male Stud Fitting, Elbows with Elastomeric seals and O-Ring Sealing (BSP, Metric and UNF stud ends) Taper male stud Fittings and Elbows.

Bulkhead Fittings : Straight and Elbow Bulkhead fitting.

Swivel Fittings : Banjo Couplings, Swivel Elbows and Tees.

Weld Fittings : Weld Couplings, Weldable Nipple.

Female Stud Fittings : Straight Female stud fittings.

Gauge Adaptors : Pressure Gauge Adaptors, Standpipe Gauge Adaptors.

Reducers : Male/Female Thread Adaptors, Straight Reducers, Reducing Stand pipes.

Adaptors/Plugs : Hose Adaptors, Hex Head Plugs, Socket Head Plugs, Blanking end, Blanking Plugs.

Nominal Pressure rating for fittings(O.D.)

Series L - 6, 8, 10, 12,15, -250 bar.

18, 22. - 160 bar.

28, 35, 42. OD - 100 bar.

Series S - 6, 8, 10,12, 14, -630 bar.

16, 20, 25. - 400 bar.

30, 38 OD - 250 bar.

VALVES



SHUTOFF/NEEDLE VALVES

These valves are mainly two way, seat type and are used for isolating the oil flow

Mounting Type : Subplate, Inline & Right Angle.
Size Range : G1/4", G3/8", G1/2",
G3/4", G1", G1-1/4", G1-1/2
and also in Tube od size
Pressure Rating : 350bar

INLINE CHECK VALVES

These seat type valves allow free flow from port A to port B and give leak-proof closure in opposite direction, Available as per factory & ISO standards.

Mouting Type : Inline
Size Range : G1/4", G3/8", G1/2",
G3/4", G1", G1-1/4", G1-1/2
and also in Tube OD size
Pressure Rating : 315bar

PIPE FLANGES

HMAX flange range includes flanges as per ISO 6162 (SAE1518) and ISO 6164.

Flanges are available in a large number of standard and custom configuration in steel as well as stainless steel. In such a cases the use of flanges with Butt Weld or Socket Weld ends has been found to be more practical leading to compact piping installation.



ACCESSORIES



SEALS

Bonded Seals, Elastomeric Seals, Copper washers are used for sealing, available in BSP Sizes.

Size Range: G1/8", G1/4", G3/8", G1/2",
G3/4", G1", G1-1/4", G1-1/2" & G2

Regd. Office & Works:

B-18, 11, 12, Sy. No. 590,
Machhe Indl. Estate, Machhe,
Belgaum-590 014. Karnataka. India.
Tel: +91-831-2412771
Email: sales@hydromax.in
Web: hydromax.in

