



Driving  
**TECHNOLOGICAL**  
EXCELLENCE

**INTERFACE VALVE**

Hydraulic Interface Valve is a two position, three-way normally closed block and bleed pilot operated hydraulic controller. The device is designed to block the incoming hydraulic supply pressure and bleed the outlet supply pressure in conditions where applied pilot supply pressure is relatively low.

## FEATURE

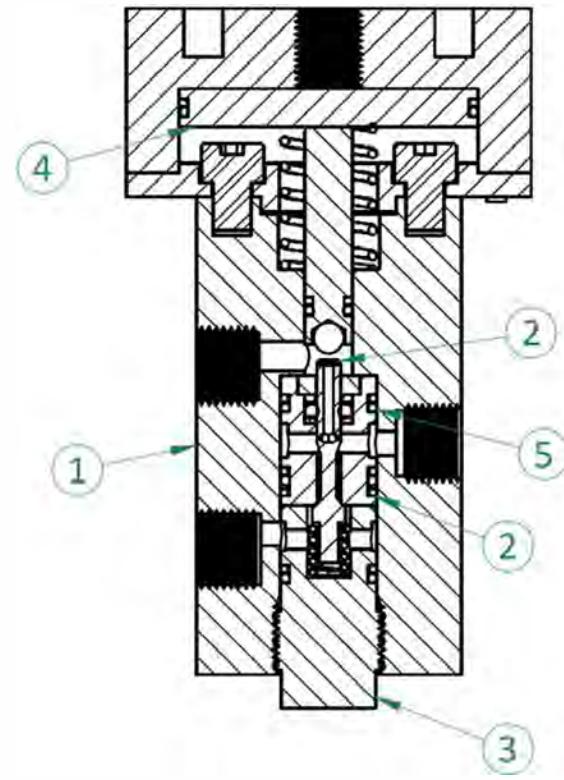
- ▶ Sturdy build of a stainless-steel body
- ▶ Comprises Viton sealing that endures extremely high pressure and temperatures
- ▶ Customized process connections in different sizes as per customer demand
- ▶ Compatible with various hydraulic fluids. Reach out to our technical support team to understand fluid suitability in detail

## TECHNICAL DATA

- ▶ Inlet pressure ranges (Max): Up to 200, 414 & 690 Bar(g)
- ▶ Outlet pressure ranges (Max): Up to 200, 414 & 690 Bar(g)
- ▶ Maximum pilot pressure: Up to 10 bar(g)
- ▶ Configuration: 3-way 2 position

### MOC:

1. Body: SS316/SS316L
2. Orifice & spool: SS 17-4 PH
3. Valve nut: Duplex SS
4. Piston: SS316L
5. Seals: FKM (Viton)
6. Other materials on request



### Temperature Rating:

- ▶ -10°C to 100°C

## Process Connection:

- ▶ Inlet/Outlet connection: 1/4", 3/8" 1/2" NPT
- ▶ Pilot port connection: 1/4" NPT
- ▶ Other connection sizes on request

## Material certifications:

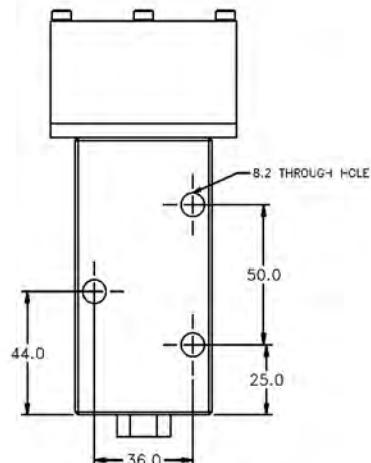
- ▶ 3.1 MTC as per EN 10204
- ▶ NACE MR0175 compliance is available on request.

## ORDERING INFORMATION AND MODEL DE-CODIFICATION

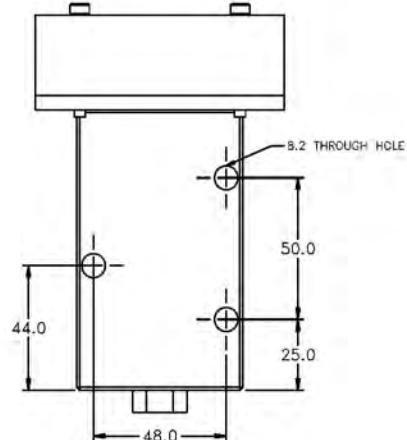
IV	SS	S8	P690	O2
DESCRIPTION	MOC	CONNECTION SIZE	PRESSURE RATING (BODY)	PRESSURE RATING (PILOT SIDE)
Interface valve	SS - Stainless Steel	S8-1/4"	P690-690 Bar(g)	P10-10 Bar(g)
	Other Material on request	Other connections on request	P414-414 Bar(g)	
			P200-200 Bar(g)	

## MOUNTING ARRANGEMENT

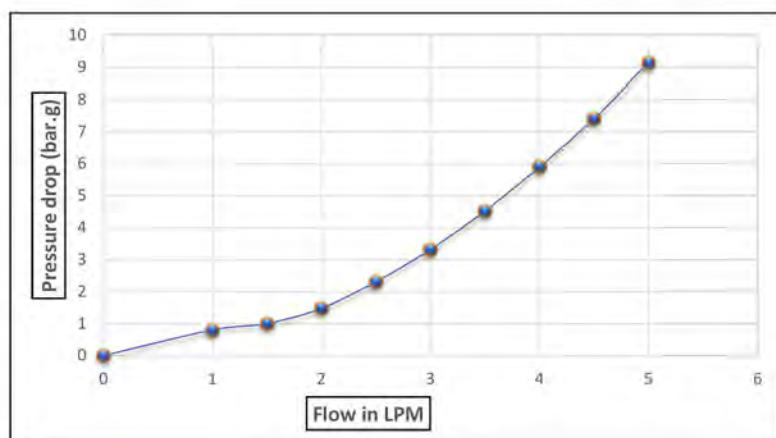
200Bar



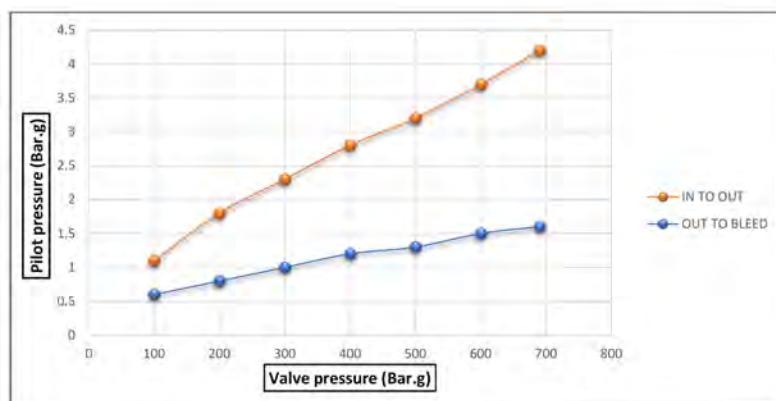
414 & 690 BAR



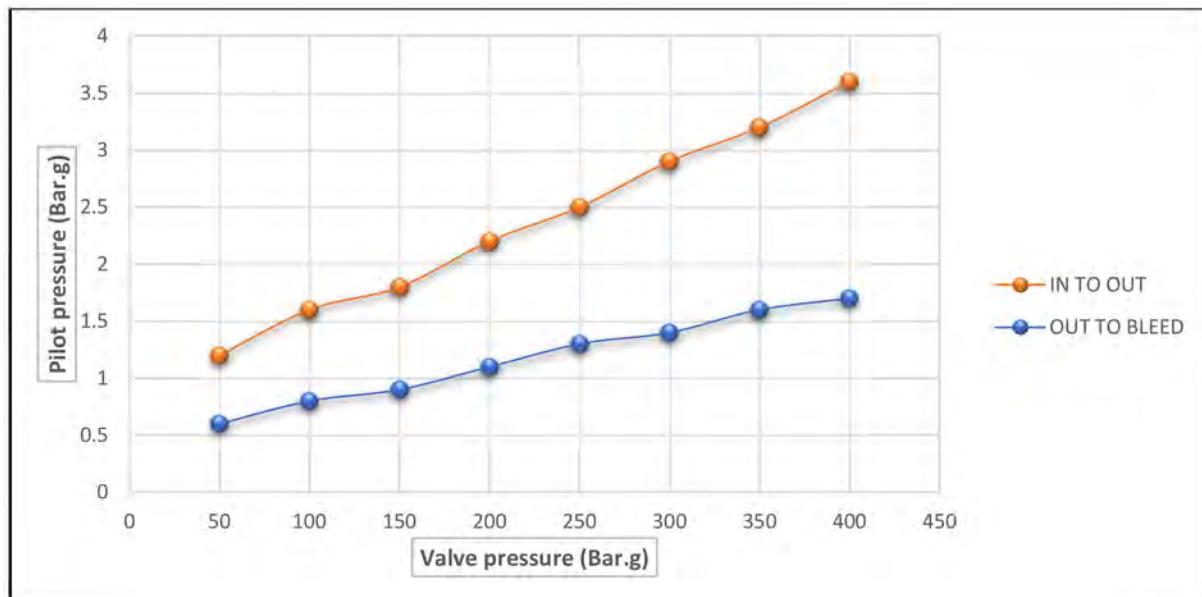
## FLOW VS PRESSURE DROP (ALL MODELS)



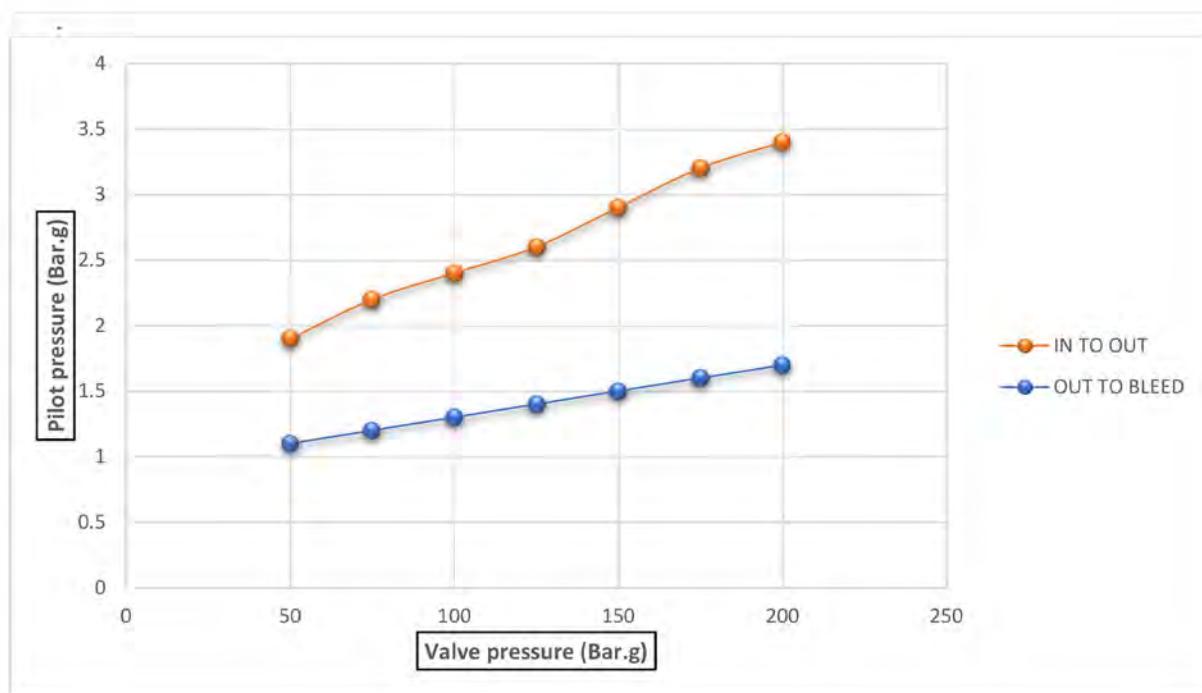
## PILOT PRESSURE VS VALVE PRESSURE : (690 BAR)



## PILOT PRESSURE VS VALVE PRESSURE : (414 BAR)



## PILOT PRESSURE VS VALVE PRESSURE : (200 BAR)



**Note:** Customised models and materials are available based on requirements.

Above data are only for reference purpose and subject to change without any prior notice due to constant efforts on product improvement.



## CONTACT US:

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