













# 30SERIES

INTERCHANGE > ISO 14541



## TECHNICAL FEATURES AND OPTIONS

 <b>Interchange</b> ISO 14541	 <b>Sealing description</b> FKM (VITON®) Backup in PTFE	 <b>Connection system</b> Screw
 <b>Available sizes</b> from 1/4" to 1-1/2"	 <b>Material</b> Stainless steel (AISI 316L)	 <b>Available threads</b> BSP - NPT
 <b>Operating pressure</b> Up to 300 bar	 <b>Locking mechanism</b> Screw to connect	 <b>Flow rate</b> Up to 750L/Min
 <b>Temperature (°C)</b> -15° / +180°	 <b>Valving style</b> Poppet	 <b>Connection under pressure</b> Connection: not allowed Disconnection: not allowed

## BENEFITS

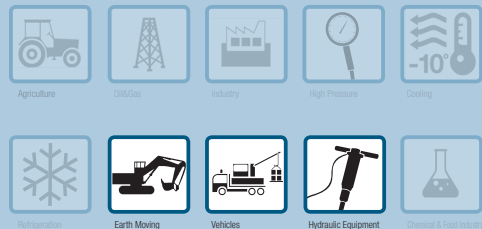
- The poppet valve with elastomer seal provides maximum sealing of the couplings when disconnected.
- Shape of internal parts is designed to reduce turbulence and pressure drop.
- The modular design allows for broad range of port configurations.
- External o-ring indicates if the product is fully connected, prevent accidental disconnection and protect coupling against dirt.
- Male body sealing surface protected by the threaded sleeve.
- High resistance to pressure impulses.
- Compact design.
- Simple to use.

## HOW TO USE

- Before to connect, clean the mating surface of the couplings to avoid dirt inclusion in the circuit.
- To connect insert the male coupling in the female coupling, screw the sleeve till its positive stop, do not push together the couplings, screw only.
- Check that the external O-ring is fully covered.
- To disconnect unscrew totally the sleeve from the female coupling.



## MAIN APPLICATIONS



## PERFORMANCES

Size		Series/Size	Max. operating pressure	Burst pressure	Rated flow	ΔP at Rated Flow bar
Inch	mm (ISO)		Coupled bar	Coupled bar	l/min	
1/4	6,3	3006	300	750	24	0,22
3/8	10,0	3009	250	625	46	0,34
1/2	12,5	3013	250	625	90	0,60
3/4	20,0	3019	250	625	148	0,98
1		3025	200	500	200	1,30
1-1/2		3030	140	350	750	4,20

### Temperature range:

Standard seals in VITON®: from -15°C to +180°C ( from +5 °F to +356 °F).

