

FEATURES

- **Connection system:** pushing the male coupling
- **Disconnection system:** pulling back the sleeve
- **Shut-off system:** flat valve (male coupling with double valve)
- **Connectability:** without pressure
- **Disconnection under pressure:** not allowed
- **Interchangeability:** according to ISO 16028 and HTMA standard
- Balls-bearing latching system
- Male couplings with double valve
- Available versions made of AISI 316 stainless steel (see page 20)
- Available versions with Faster Premier Quality (FPQ) surface treatment (see page 40)



Patent Application Pending

Technical data

(▲)

Size	ISO size	DN Nominal diameter		Rated flow		Force to connect		Max. work. pressure *		Minimum burst pressure						Fluid spillage cc max.	
		mm	inc.	l/min	GPM	N	lb	MPa	PSI	Connected		Male		Female			
										MPa	PSI	MPa	PSI	MPa	PSI		
3/8"	06	10	9	0,35	45	11,9	200	44	25	3625	140	20300	120	17400	100	14500	0,008

*Safety factor = 1:4 - for static pressure safety factor 1:2

(▲) with 2FFN38 male couplings equivalent size

Pressure drop graph: test bench to ISO 7241-2 specifications with ISO VG32 oil temperature at 40°C (104°F).

Materials:

- Female in steel with carbonitrided wear parts.
- Male in high grade carbon steel, induction hardened.
- Valves in steel.
- Surface treatment: zinc plating and Cr III passivation.
- Springs in AISI and C98 steel.
- High resistance balls 100 C6.

Seals:

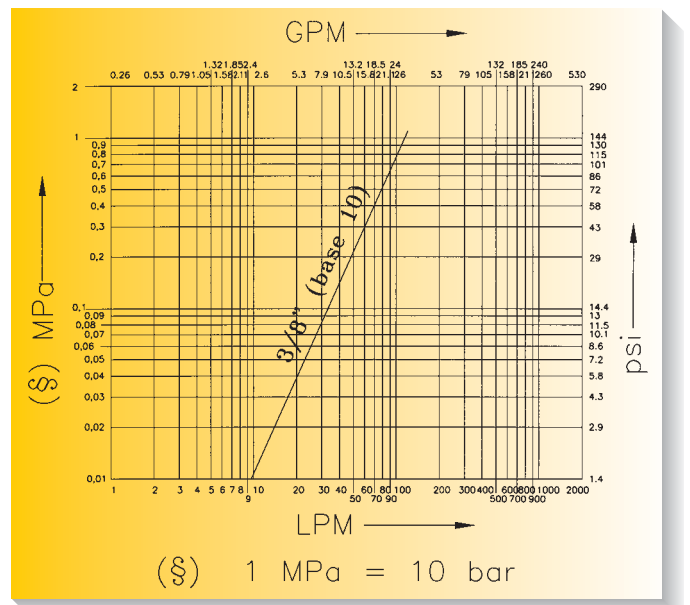
Standard in oilproof NBR (Nitrile Rubber) and Polyurethane. On request: Viton, Neoprene, EPDM or other seals.

Antiextrusion rings:

In pure PTFE.

Working temperatures:

with standard seals from -25°C (-13°F) to +100°C (+212°F). For different temperature, the quick-release coupling will be supplied with the appropriate seals.



The descriptions and illustrations in this catalogue are for information only and are not binding.

