

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 FASTER internal standard
- Balls-bearing latching system
- Male couplings with double valve



Patent
Application
Pending

Technical data

Size ❖		DN Nominal diameter		Rated flow		Force to connect		Max. work. pressure ★		Minimum burst pressure						Fluid spillage
										Connected		Male		Female		
		mm	inc.	l/min	GPM	N	lb	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	
3/4"	12	16	0,63	150	39,7	240	52,9	25	3625	120	17400	120	17400	100	14500	0,02

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

Pressure drop graph: test bench to ISO 7241-2 specifications with ISO VG 32 oil temperature at 40°C (104°F).

Materials:

- Female in steel with carbonitrited 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:

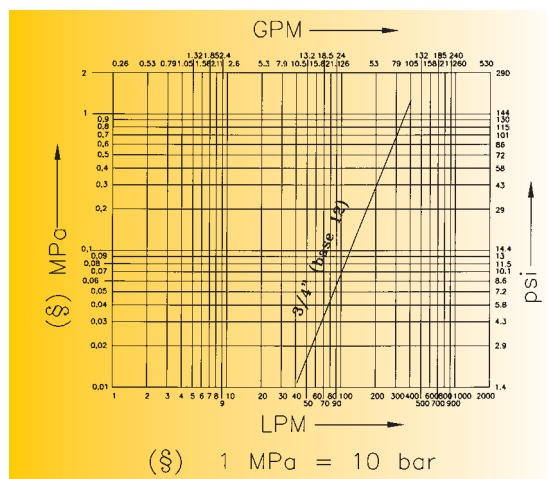
Standards in oilproof NBR (Nitrile Rubber) and Polyurethane.
On request: Viton, Neoprene, EPDM or other seals.

Antiextrusion rings:

In pure PTFE.

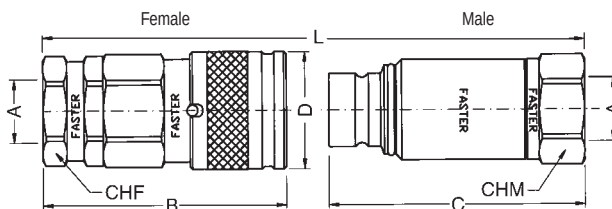
Working temperatures:

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.



Available items

Series **2FJ34**



❖	Female	Male	Thread Ø A	Standards	B		C		Ø D		L		CHF		CHM		Ø T		P	
					mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.
	2FFJ34 GAS F	2FFJ34 GAS M	3/4" BSP	DIN 3852-2-X	101,3	3,99	106,5	4,19	48	1,89	187	7,36	42	1,65	42	1,65				
	2FFJ34-1 GAS F	2FFJ34-1 GAS M	1" BSP	DIN 3852-2-X	101,3	3,99	106,5	4,19	48	1,89	187	7,36	42	1,65	42	1,65				
	2FFJ34 NPT F	2FFJ34 NPT M	3/4" NPTF	ANSI B1.20.3	101,3	3,99	106,5	4,19	48	1,89	187	7,39	42	1,65	42	1,65				
	2FFJ34-1 NPT F	2FFJ34-1 NPT M	1" NPTF	ANSI B1.20.3	101,3	3,99	106,5	4,19	48	1,89	187	7,39	42	1,65	42	1,65				
	2FFJ34-34SAE F	2FFJ34-34SAE M	1" 1/16 UNF	SAE J 1926-1	101,3	3,99	104,9	4,13	48	1,89	185,2	7,29	42	1,65	42	1,65				
	2FFJ34-12/34S F	2FFJ34-12/34S M	1" 3/16 UNF	ISO 8434-3	130,3	5,13	138,5	5,45	48	1,89	247,8	9,76	42	1,65	42	1,65			41,5	1,63

❖ ISO size GAS = BSP ★On request