

FEATURES

- **Connection system:** pushing the male coupling
- **Disconnection system:** pulling the male coupling
- **Shut-off system:** flat valve
- **Connectability:** without pressure
- **Disconnection under pressure:** in case of emergency only
- **Interchangeability:** according to ISO 16028 standards
- Complying with ISO 17567 standards for Power Beyond systems on agriculture machines
- Suitable for rigid tubes and distributors
- Breakaway feature

NEW



Patent
Application
Pending

Technical data

(▲)

Size		ISO size ❖	DN Nominal diameter		Rated flow		Force to connect		Max. work. pressure		Minimum burst pressure				Fluid spillage
											Connected		Female		
mm	inc.	l/min	GPM	N	lb	MPa	PSI	MPa	PSI	MPa	PSI	cc max.			
1/4"	04	6.3	7	0,27	25	6,6	110	24,2	25	3625	100	14500	100	14500	0,006
3/8"	06	10	9	0,35	70	18,5	165	36,3	25	3625	100	14500	100	14500	0,008
1/2"	08	12.5	11	0,43	90	23,8	210	46,2	25	3625	100	14500	100	14500	0,01
3/4"	12	19	16	0,63	150	39,7	230	50,7	25	3625	100	14500	100	14500	0,02
1"	16	25	18	0,71	200	52,9	300	66,1	25	3625	100	14500	100	14500	0,03

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

(▲) With FFI male couplings equivalent size

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 carbonitrided wear parts.
- Valves in steel.
- Surface treatment: zinc plating and Cr III passivation.
- Springs in AISI and C98 steel.
- High resistance balls 100 C6.

Seals:

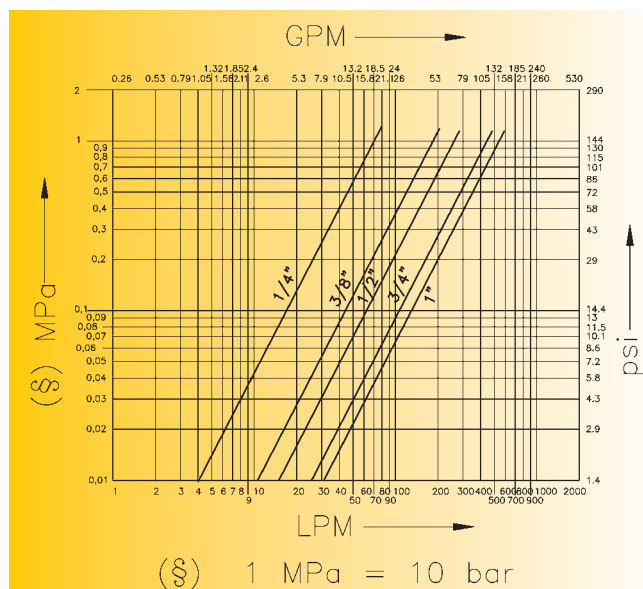
Standard in oilproof NBR (Nitrile Rubber) and Polyurethane. On request: Viton, Neoprene, EPDM or other seals.

Antiextrusion rings:

in pure PTFE.

Working temperatures:

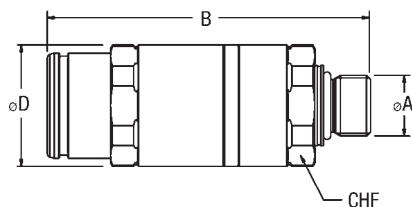
with standard seals from -25°C (-13°F) to +100°C (+212°F). For different temperature, the quick-release coupling will be supplied with the appropriate seals.



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

► Available items

Series **F_P**



FASTER

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	❖	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.
	04	* FPI04 14GAS F	male according to ISO 16028 size 1/4"	1/4" BSP	DIN 3852-2-X	88	3.46			32	1.26			30	1.18						
	06	* FPI06 38GAS F	male according to ISO 16028 size 3/8"	3/8" BSP	DIN 3852-2-X	95	3.74			36	1.42			34	1.34						
	08	* FPI08 12GAS F	male according to ISO 16028 size 1/2"	1/2" BSP	DIN 3852-2-X	110	4.33			45	1.77			38	1.50						
	12	* FPI12 34GAS F	male according to ISO 16028 size 3/4"	3/4" BSP	DIN 3852-2-X	125	4.92			51	2.01			48	1.89						
	16	* FPI16 1GAS F	male according to ISO 16028 size 1"	1" BSP	DIN 3852-2-X	145	5.71			64	2.52			60	2.36						
	04	FPI04 1/1415 F	male according to ISO 16028 size 1/4"	M14x1,5	ISO 6149-2	89	3.50			32	1.26			30	1.18						
	06	* FPI06 1/1415 F	male according to ISO 16028 size 3/8"	M18x1,5	ISO 6149-2	93	3.66			36	1.42			34	1.34						
		FPI06 1/1815 F	male according to ISO 16028 size 3/8"	M14x1,5	ISO 6149-2	96	3.78			36	1.42			34	1.34						
	08	FPI08 1/2215 F	male according to ISO 16028 size 1/2"	M22x1,5	ISO 6149-2	110	4.33			45	1.77			38	1.50						
	12	FPI12 1/2215 F	male according to ISO 16028 size 3/4"	M22x1,5	ISO 6149-2	127	5.00			51	2.01			48	1.89						
		FPI12 1/272 F	male according to ISO 16028 size 3/4"	M27x2	ISO 6149-2	130	5.12			51	2.01			48	1.89						
	16	FPI16 1/302 F	male according to ISO 16028 size 1"	M30x2	ISO 6149-2	146	5.75			64	2.52			60	2.36						
	04	FPI04 14/15 F	male according to ISO 16028 size 1/4"	M14x1,5	ISO 8434-1-L	112	4.41			32	1.26			30	1.18			8.2	0.32	34	1.34
	06	* FPI06 5/1815 F	male according to ISO 16028 size 3/8"	M18x1,5	ISO 8434-1-L	118	4.65			36	1.42			34	1.34			12.2	0.48	36	1.42
	08	* FPI08 5/2215 F	male according to ISO 16028 size 1/2"	M22x1,5	ISO 8434-1-L	135	5.31			45	1.77			38	1.50			15.2	0.60	38	1.50
	12	* FPI12 5/2615 F	male according to ISO 16028 size 3/4"	M26x1,5	ISO 8434-1-L	155	6.10			51	2.01			38	1.50			18.2	0.72	40	1.57
	16	FPI16 5/362 F	male according to ISO 16028 size 1"	M36x2	ISO 8434-1-L	170	6.69			64	2.52			60	2.36			28.2	1.11	43	1.69
	04	FPI04 14/38S F	male according to ISO 16028 size 1/4"	9/16" UNF	ISO 8434-2	111	4.37			32	1.26			30	1.18					32.5	1.28
	06	* FPI06 14/38S F	male according to ISO 16028 size 3/8"	9/16" UNF	ISO 8434-2	115	4.53			36	1.42			34	1.34					32.5	1.28
	08	* FPI08 14/12S F	male according to ISO 16028 size 1/2"	3/4" UNF	ISO 8434-2	140	5.51			45	1.77			38	1.50					36.6	1.44
	12	* FPI12 14/34S F	male according to ISO 16028 size 3/4"	1-1/16" UN	ISO 8434-2	154	6.06			51	2.01			48	1.89					44.4	1.75
	16	FPI16 14/1S F	male according to ISO 16028 size 1"	1-5/16" UN	ISO 8434-2	170	6.69			64	2.52			60	2.36					44.4	1.75

❖ ISO size GAS = BSP *On request

► Power Beyond System

see page 35



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