FASTER® LEHENGOAK, S.A.

Series 25,

▶ FEATURES

- **Connection system:** pushing the male coupling
- **Disconnection system:** pulling back the sleeve
- **Shut-off system:** flat valve
- **Connectability:** without pressure
- **Disconnection under pressure:** not allowed
- **Interchangeability:** according to ISO 16028 standard (except for 1-1/2", 2" and 3" size)

- Quick-release couplings female part
- Female/male latching by steel sectors instead of latching balls
- Unique shape of latching sectors allows the best load sharing
- Purposely designed for pulsing pressure applications
- This solution prevents brinelling effect on connected male coupling

NEW

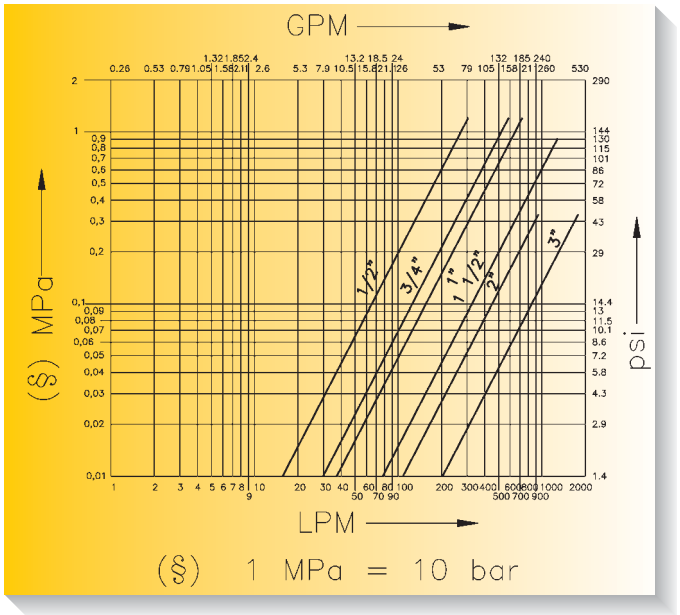
Patent Application Pending

▶ 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.
1/2"	08	12.5	11	0,43	100	26,4	250	55	25	3625	140	20300	100	14500	0,01
3/4"	12	19	16	0,63	160	42,3	220	48,5	25	3625	120	17400	100	14500	0,02
1"	16	25	18	0,71	210	55,5	230	50,7	25	3625	110	15950	100	14500	0,03
1-1/2"	24	-	30	1,18	500	132,3	345	75,9	25	3625	125	18125	100	14500	0,05
2"	32	-	45	1,77	700	185,2	400	88,1	20	2900	100	14500	80	11600	0,07
3"	48	-	75	2,95	1150	304	400	88,1	12	1740	80	11600	50	7250	0,1

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

(▲) With FFI male couplings equivalent size (see page 16)



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.
- Valves in steel.
- Surface treatment: zinc plating and Cr III passivation.
- Springs in AISI and C98 steel.
- Latching sectors in steel.

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.

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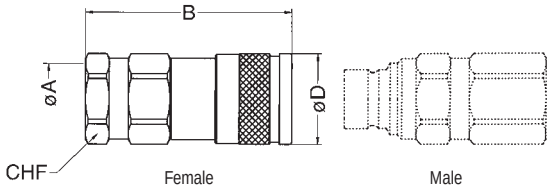
▶ Available items

Series 25



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	❖	Female	Male	Thread Ø A	Standards	B mm	B inc.	C mm	C inc.	Ø D mm	Ø D inc.	L mm	L inc.	CHF mm	CHF inc.	CHM mm	CHM inc.	Ø T mm	Ø T inc.	P mm	P inc.
	12,5	2FSI12 GAS F *2FSI12-34 GAS F *2FSI12 NPT F *2FSI12-34 NPT F	see FFI-2FFI-3FFI series	1/2" BSP 3/4" BSP 1/2" NPTF 3/4" NPTF	DIN 3852-2-X DIN 3852-2-X ANSI B1.20.3 ANSI B1.20.3	82,4 86,4 82,4 86,4	3,24 3,40 3,24 3,40			38 38 38 38	1,50 1,50 1,50 1,50			32 32 32 32	1,26 1,26 1,26 1,26						
	19	2FSI34 GAS F *2FSI34-1 GAS F *2FSI34 NPT F *2FSI34-1 NPT F	see FFI-2FFI-3FFI series	3/4" BSP 1" BSP 3/4" NPTF 1" NPTF	DIN 3852-2-X DIN 3852-2-X ANSI B1.20.3 ANSI B1.20.3	100,3 100,3 100,3 100,3	3,95 3,95 3,95 3,95			48 48 48 48	1,89 1,89 1,89 1,89			42 42 42 42	1,65 1,65 1,65 1,65						
	25	2FSI1 GAS F *2FSI1 NPT F	see FFI-2FFI-3FFI series	1" BSP 1" NPTF	DIN 3852-2-X ANSI B1.20.3	99,8 99,8	3,93 3,93			55 55	2,17 2,17			50 50	1,97 1,97						
	24 •	2FSI112 GAS F 2FSI112 NPT F	see FFI series	1-1/2" BSP 1-1/2" NPTF	DIN 3852-2-X ANSI B1.20.3	134 134	5,28 5,28			80 80	3,15 3,15			70 70	2,76 2,76						
	32 •	*2FSI2 GAS F *2FSI2 NPT F	see FFI series	2" BSP 2" NPTF	DIN 3852-2-X ANSI B1.20.3	165 165	6,50 6,50			100 100	3,94 3,94			80 80	3,15 3,15						
	48 •	*2FSI3 GAS F	see FFI series	3" BSP	DIN 3852-2-X	210	8,27			156	6,14			115	4,53						
	12,5	2FSI12-12SAE F 2FSI12-58SAE F 2FSI12-34SAE F	see FFI-2FFI-3FFI series	3/4" UNF 7/8" UNF 1" 1/16 UN	SAE J 1926-1 SAE J 1926-1 SAE J 1926-1	82,4 84,4 86,9	3,24 3,32 3,42			38 38 38	1,50 1,50 1,50			32 34 34	1,26 1,34 1,34						
	19	2FSI34-34SAE F *2FSI34-1SAE F	see FFI-2FFI-3FFI series	1" 1/16 UN 1" 5/16 UN	SAE J 1926-1 SAE J 1926-1	100,3 101,5	3,95 4,00			48 48	1,89 1,89			42 42	1,65 1,65						
	25	2FSI1-1SAE F	see FFI-2FFI-3FFI series	1" 5/16 UN	SAE J 1926-1	99,8	3,93			55	2,17			50	1,97						

• Size not ISO ❖ ISO size GAS = BSP *On request