















Technical specifications and options

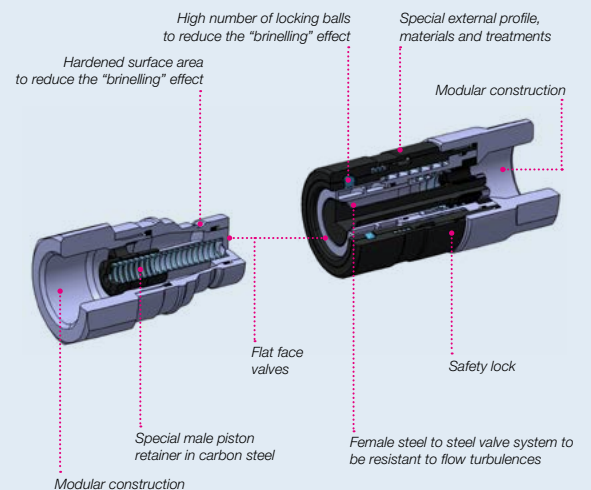
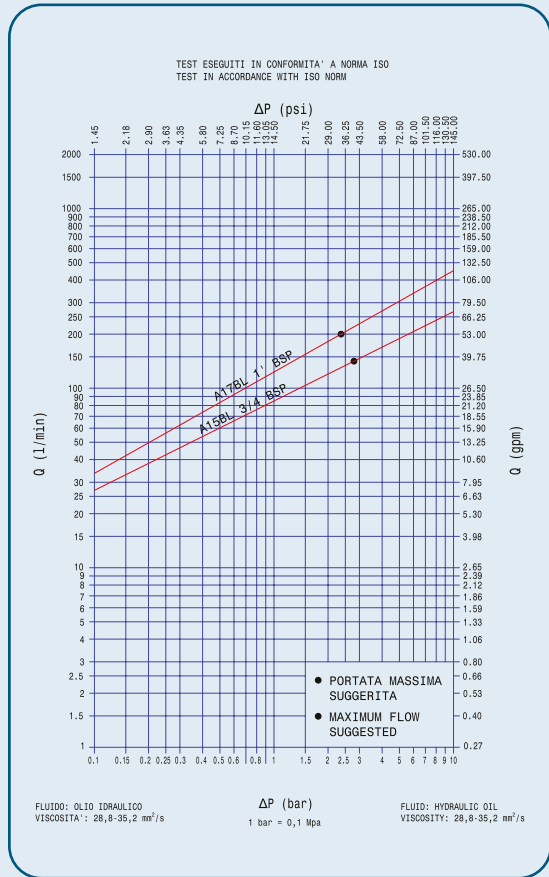
 Interchange Stucchi profile	 Sealing description Nitrile NBR	 Connection system Push
 Available sizes 5/8" and 3/4"	 Material/treatment Carbon steel / Cr3	 Available threads BSP
 Operating pressure Up to 330 bar	 Locking mechanism Locking ball + Safety lock	 Flow rate Up to 200 l/min
 Temperature -20°C / +100°C	 Valving style Flat face	 Connection under pressure Not allowed

Benefits

- Special external profile, materials and treatments to withstand the side load caused by hose movement due to the pressure impulse.
- Special internal valving to be resistant to the high turbulences typically created by the rapid reversals of flow.
- Female with steel to steel valve to avoid any seal damage.
- Male with piston retainer made in carbon steel to be robust and avoid any breakage.
- Flat face is easy to clean, reducing the inclusion of contamination inside the hydraulic circuit.
- Minimal fluid spillage during disconnection, reducing fluid spillage to the environment.
- Minimal air inclusion during connection.
- Internal valve design creates minimal pressure drop, maintaining circuit efficiency in the system.
- The modular design allows flexibility with a wide range of configurations.
- Good resistance to pressure impulses.
- Compact slim design.
- Safe and 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 push the male half towards the female half or vice versa.
- After connection, turn the external sleeve to engage safety lock function, to prevent accidental disconnection.
- To disconnect turn the external sleeve until the sleeve lock notch matches the safety lock ball and push back the sleeve.



MAIN APPLICATIONS



Performances

Size		Series	Max. flow suggested		Spillage*	Max. operating pressure						Burst pressure					
						Coupled		Male		Female		Coupled		Male		Female	
Inch	mm (ISO)		l/min	GPM	ml	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
5/8	16,0	A15BL	148	38,22	0,02	33	4785	33	4785	25	3625	100	14500	100	14500	80	11600
3/4	19,0	A17BL	200	53,00	0,03	33	4785	33	4785	25	3625	100	14500	100	14500	80	11600

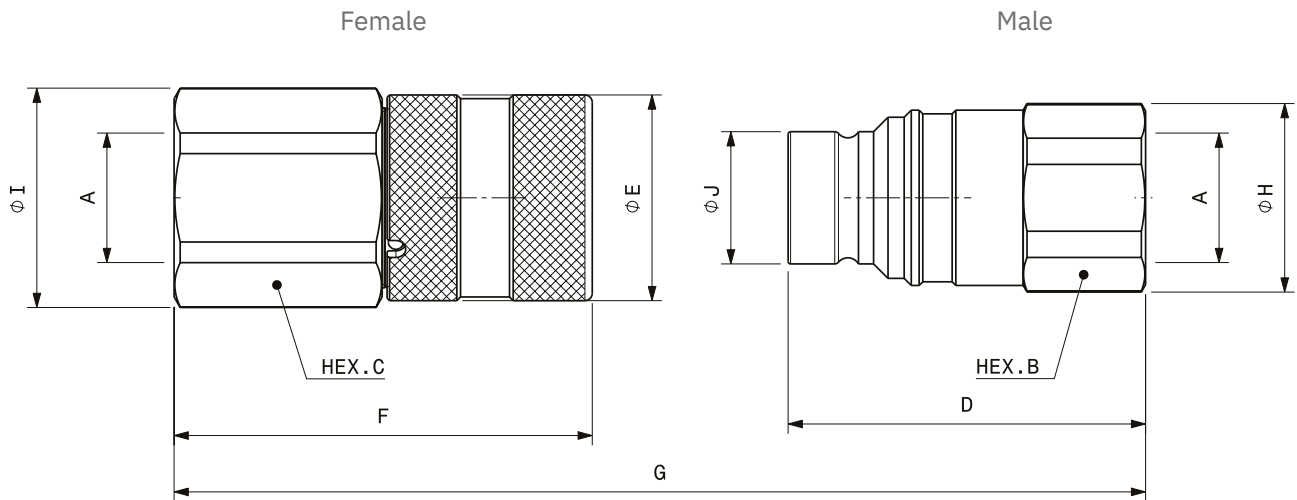
* Spillage is an indicative value of the fluid loss per couple-uncouple cycle.

Tests:

The couplings have been tested according to ISO norm.

Different configurations available upon request.

Overall dimensions

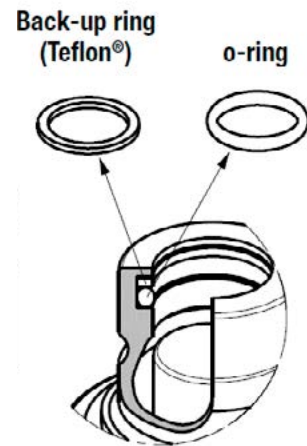


Port description: FEMALE THREAD BSP

Size	Descriptive code	Item code	ISO		Overall length	Length		Hex		Diameter		Diameter		Weight							
			DN	Port (A)		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Ibs				
5/8	F A15BL 3/4 BSP	Female 803700012	16	3/4 BSP	G	139,4	5,49	F	85,4	3,36	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	0,63	1,39
	M A15BL 3/4 BSP	Male 803700013						D	73,0	2,87	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,30	0,65
3/4	F A17BL 1 BSP	Female 803700010	19	1 BSP	G	160,5	6,32	F	100,9	3,97	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,97	2,14
	M A17BL 1 BSP	Male 803700015						D	83,7	3,30	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18	0,46	1,01
3/4	F A17BL 3/4 BSP	Female 803700016	19	3/4 BSP	G	-	-	F	98,9	3,89	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	1,00	2,20
	-	-						D	-	-	B	-	-	H	-	-	J	-	-	-	-

Spare parts

Item code	Descriptive code
815700341	SPARE KIT OR NBR+BK M FF 58
815700343	SPARE KIT OR NBR+BK M FF 34



⚠ WARNING

A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects.

Never connect or disconnect with dynamic pressure (e.g. pump on).

Do not use the female coupling disconnected with high impulse pressure.

Do not couple-uncouple with flow and/or pressure in the circuit.

Do not couple-uncouple when the temperature inside of the circuit is higher than 80° C (176° F).

Check the maximum allowable operating pressure of the port in use.

Make sure that the medium used is compatible with seal and material as indicated for each series.

In case of doubt please contact Stucchi Technical Support.

The interchangeability is mentioned under the assumption that the manufacturer of the considered product has not changed any dimension.

It is MANDATORY to read and closely follow the instructions. Last updated version always applies at time of installation, see latest Instructions and warnings on Stucchi website before selecting or using Stucchi products.