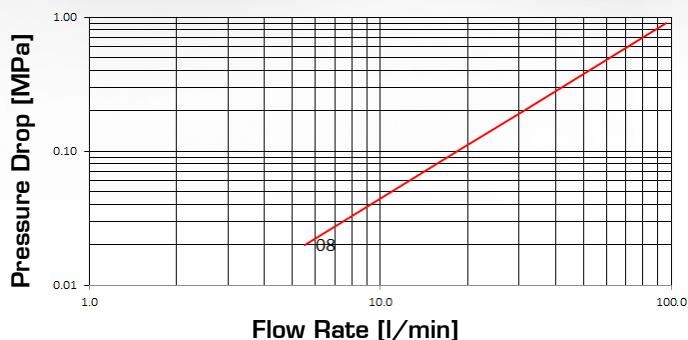


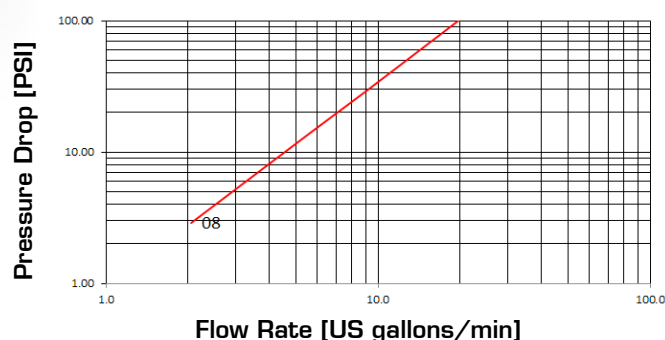


BRAKING CIRCUIT VALVES

Pressure Drop



Pressure Drop



TECHNICAL DATA

																		
SIZE			WORKING PRESSURE (Dynamic)		RATED FLOW at 0.2 MPa of pressure drop		CONNECTION EFFORT		OIL SPILLAGE Connection/ Disconnection		MINIMUM BURST PRESSURE						CONNECTION/ DISCONNECTION UNDER PRESSURE	
DN	inch	Dash	MPa	PSI	l/min	US GPM	N	lb.	cc.	cubic inch	Male		Female		M & F			
											MPa	PSI	MPa	PSI	MPa	PSI		
12.5	½	08	15	2175	31	8.2	110	224	0.02	0.001	130	18850	60	8700	130	18850	Not allowed	

The rated flow represents the normal operating condition. The maximum recommended flow rate is equal to 1.5 times the rated flow

PRODUCT DESCRIPTION

- Trailer brake coupling specially designed to connect the hydraulic braking system of tractors to trailers
- Connection and disconnection by pulling back the sleeve
- Positive connection by latching balls system
- Shut-off by flat valve
- The male has to be placed on the tractor and the female on the implement
- Interchangeable according to ISO 5676

MATERIAL

Female and male coupling in steel, with some stressed tempered areas. Carbonitrided valve and sleeve, springs in C98 steel, seals in NBR and back-up ring PTFE

WORKING TEMPERATURE

-22°F up to +230°F (-30°C up to +110°C)

SAFETY FACTOR

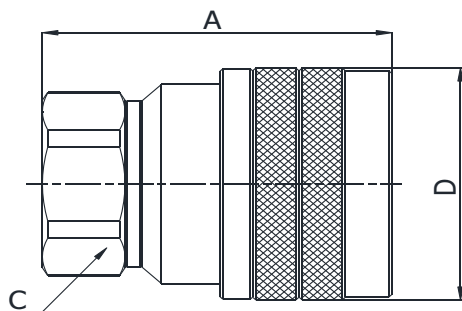
4:1 for dynamic pressures

TEST SPECIFICATIONS

ISO 18869



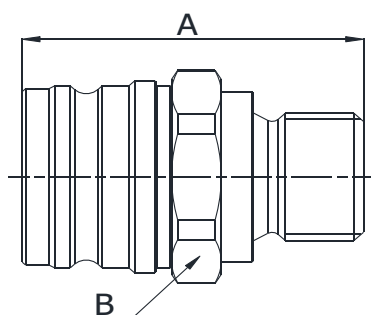
Safety cap for male coupling and female coupling with parking included



Q04811041A

BSP TERMINATION ENDS
TO DIN 3852 X TYPE

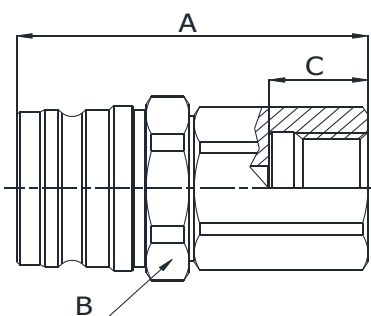
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Female coupling		A	B	C			
12.5	1/2"	-08	Q04811041A-08-06	3/8"	55,5	ø44	32			
12.5	1/2"	-08	Q04811041A-08-08	1/2"	56,5	ø44	32			



Q04711050A

BSP TERMINATION ENDS
TO ISO 8434-6

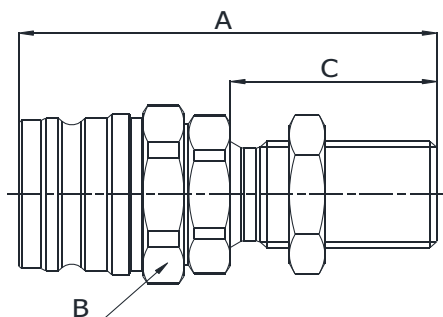
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B				
12.5	1/2"	-8	Q04711050A-08-08	1/2"	48	32				



Q04711041A

BSP TERMINATION ENDS
TO DIN 3852 X TYPE

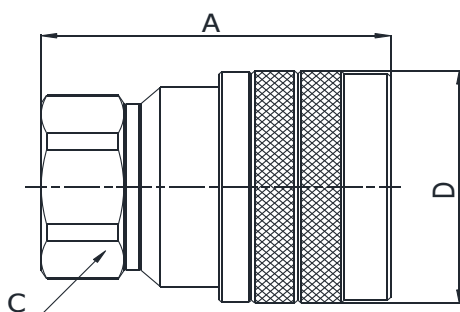
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C			
12.5	1/2"	-08	Q04711041A-08-08	1/2" GAS	57	32	16			



Q04711040A

BSP TERMINATION ENDS
TO ISO 8434-6
BULKHEAD

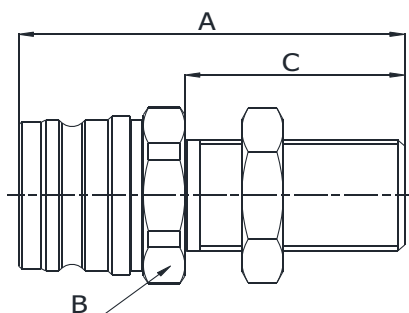
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C			
12.5	1/2"	-08	Q04711040A-08-08	1/2"	70.8	32	35			



Q04811141A

METRIC TERMINATION ENDS
TO DIN 3852 X TYPE

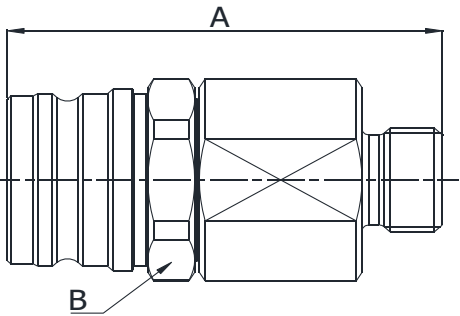
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Female coupling		A	B	C			
12.5	1/2"	-08	Q04811141A-08-18	M18x1,5	55,5	ø44	32			



Q04711370A

METRIC TERMINATION ENDS
TO DIN 3863
BULKHEAD

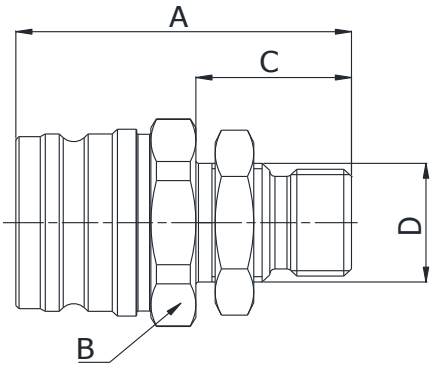
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C			
12.5	1/2"	-08	Q04711370A-08-22	M22x1,5	65	32	37			



Q04711110A

METRIC TERMINATION ENDS
TO ISO 8434-1
L SERIES

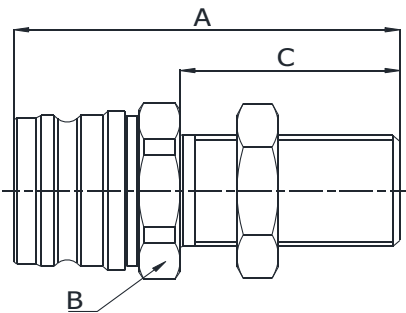
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B				
12.5	1/2"	-08	Q04711110A-08-18	M18x1,5	65	32				
12.5	1/2"	-08	Q04711110A-08-22	M22x1,5	64.7	32				



Q04711770A

METRIC TERMINATION END
TO ISO 8434-1
BULKHEAD

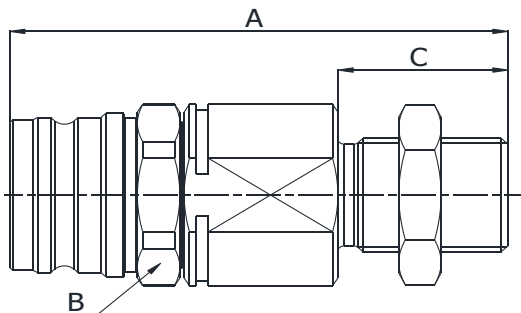
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C	D		
12.5	1/2"	-08	Q04711770A-08-16	M16x1.5	52.5	32	24.5	M20x1.5		
12.5	1/2"	-08	Q04711770A-08-18	M18x1.5	52	32	24	M20x1.5		



Q04711770A

METRIC TERMINATION END
TO ISO 8434-1
BULKHEAD L SERIES

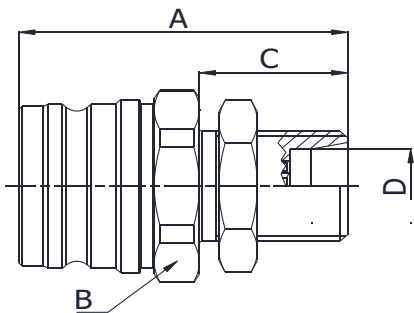
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C			
12.5	1/2"	-08	Q04711770A-08-22	M22x1,5	63	32	35			



Q04711770B

METRIC TERMINATION END
TO ISO 8434-1
BULKHEAD L SERIES

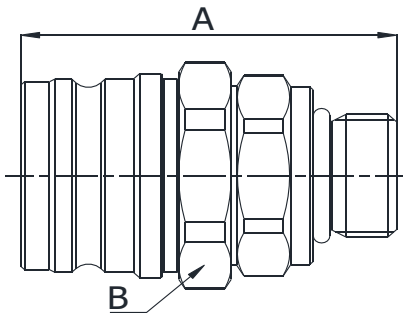
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C			
12.5	1/2"	-08	Q04711770B-08-22	M22x1,5	82	32	28			



Q04711820A

METRIC TERMINATION END
BULKHEAD

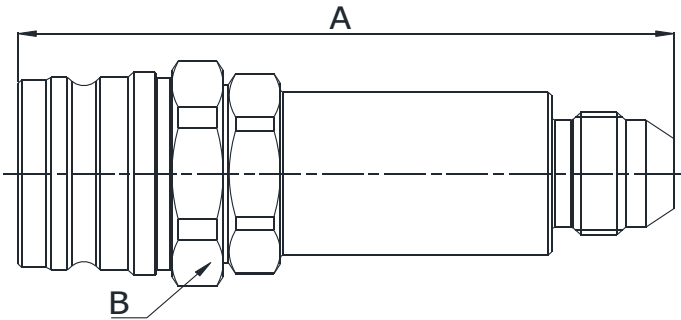
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C	D		
12.5	1/2"	-08	Q04711820A-08-20	M20x1,5	51	32	23	ø13,5		



Q04711300A

SAE TERMINATION END
TO SAE J1926-3

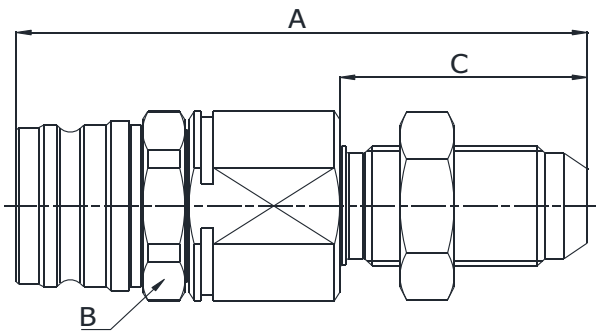
SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B				
12.5	1/2"	-08	Q04711300A-08-08	3/4"-16 UNF	50	32				



Q04711250A

SAE TERMINATION ENDS
TO ISO 8434-2

SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B				
12.5	1/2"	-08	Q04711250A-08-08	3/4"-16 UNF	89.5	32				



Q04711230A

SAE TERMINATION ENDS
TO ISO 8434-2
BULKHEAD

SIZE			PART NUMBER	THREAD	DIMENSIONS mm					
DN	Inch	Dash	Male coupling		A	B	C			
12.5	1/2"	-08	Q04711230A-08-10	7/8"-14 UNF	94.8	32	40.1			