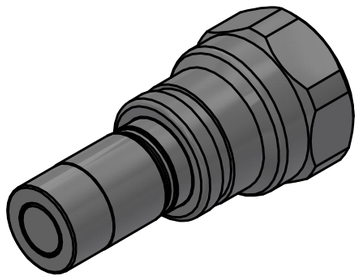
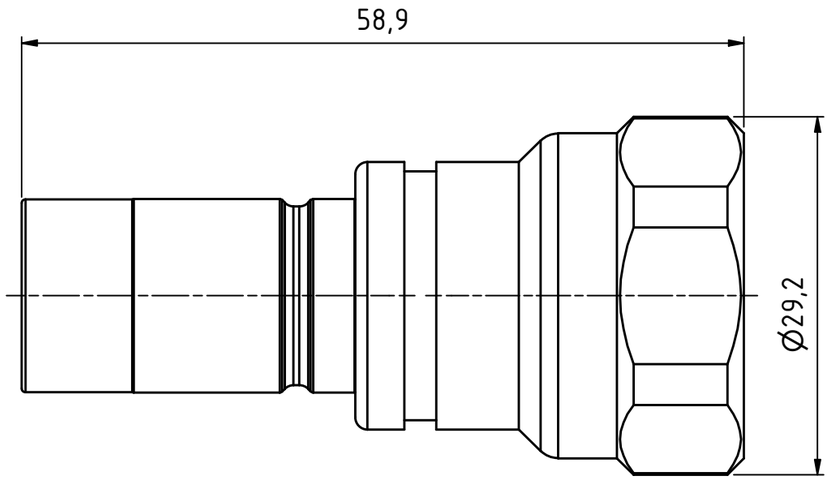


1 : 1



Product No. 104886225

Nominal flow Ø DN:	8 mm
Connection Stroke:	- mm
Max WP Connected:	10 bar
Max WP Disconnected:	10 bar
Min BP Connected:	40 bar
Min BP Disconnected:	40 bar
Temperature range:	-30°C - +150°C
Connection:	BSP 1/2" fem
Seal material:	EPDM
Hexagon:	27
Rec. thread tightn. torque*:	25 Nm
Weight:	92,1 g

*) Individual code of practice and application to be considered. For heavy duty applications, use of thread locking fluid improves torque break free value.

Description	Material
Back part G 1/2" fem	Acid-proof steel
O-ring	EPDM
Valve	Acid-proof steel
O-ring	EPDM
Nipple body	Acid-proof steel
Spring	Acid-proof steel

Scale	Drawn	Checked	Appr.	ECO	Date
2 : 1	CABMBA	JOJ	PMB	000745	2020-09-14

	Drawing No.	Issue	Sheet
Assembly Drawing	104886225	A	1 /(1)

A3

Technical information sheet series 488

Technical specification	Value	Unit
Minimum connection/ disconnection temperature EPDM:	-15/ 5	°C/ F°
Minimum connection/ disconnection temperature FVMQ:	-30/ -22	
Connection force at 0-pressure:	101/ 22,7	N (newton)/ lbf
Disconnection force at 0-pressure:	61/ 13,7	N (newton)/ lbf
Air intrusion:	≤0,04/ ≤0,04	(ml/ cc)
Spill at disconnection:	≤0,01/ ≤ 0,01	(ml/ cc)
Volume change at connection/ disconnection:	3,1/ 3,1	(ml/ cc)
Vacuum resilience:	100	(% vacuum)
Flow coefficient Kv/ Cv: [1)]	2,93/ 3,39	(m^3/h / GPM)
Max allowed flow rate	50/ 13,2	(l/m / GPM)
Max system pressure at connection/ disconnection: *Note: Connection and disconnection is recommended to be done at 0 pressure and at room temperature*	EPDM 5,0/ 72 FVMQ 2,0/ 29	(bar/ psi)
Tested per Railroad standard Shock and vibration standard EN 61373:2010, Category 1 Class A		
Corrosion tested according to 9227:2017 *Corrosion tests in artificial atmospheres – salt spray tests:* Exceeds more than 330 hours	>330	hours
Endurance tested (connection/ disconnection)	>5000	cycles

Note:

1) Female 3/8” BSP thread connection, lowest value of both flow directions- see more information in actual flow chart.