Inter-changeable with similar models	Steel	from 1/4" to 1"	max 30 Mpa	-20°C + 100°C	NBR	Push-to-Connect	Flush-faced poppet	No	Ball locking mechanism with security	BSPP

Main characteristics

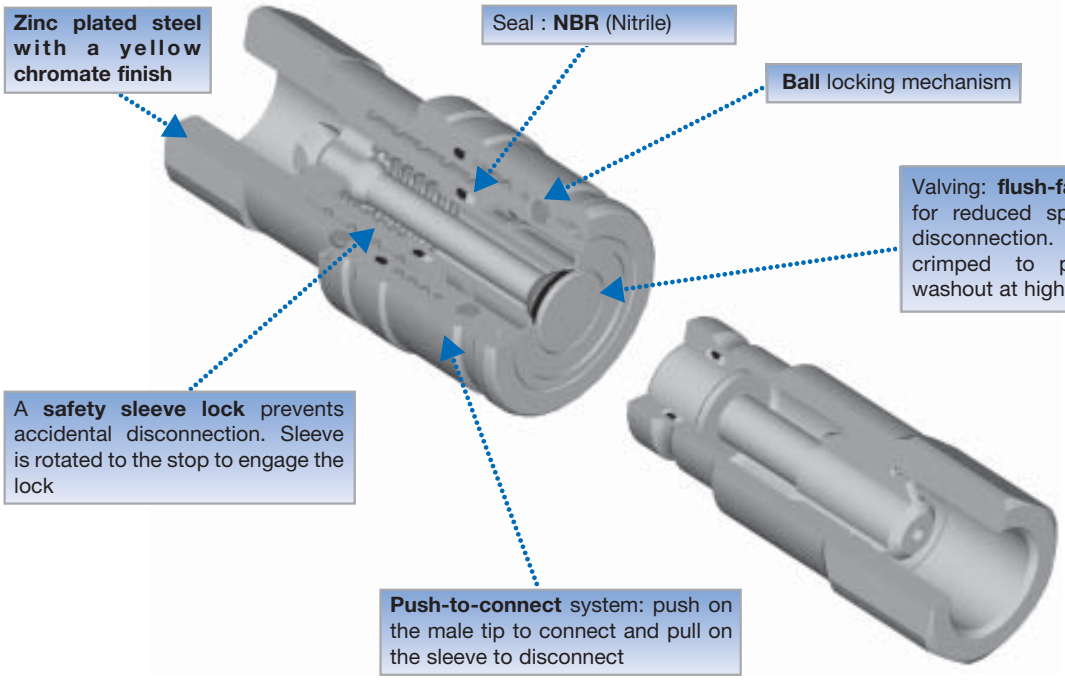
- *Dimensions meet the requirement of **ISO 16028***
- *Minimal fluid loss during disconnection*
- *Minimal inclusion of air or external contamination during connection*
- *Safety system protecting against accidental disconnection*
- *Minimal pressure drop*



Applications

- Industrial applications
- Agriculture
- Road service vehicles, snow ploughs
- Construction: excavators, rock hammers…

Technical features



Technical performance data

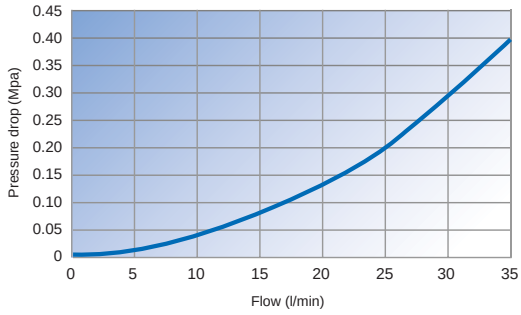
Body size inch	Temperature range	Max. operating pressure connected* Mpa	Min. burst pressure connected* Mpa
1/4"	-20°C + 100°C	30	120
3/8"		30	120
1/2"		25	100
5/8"		25	100
3/4"		25	100
1"		25	100

*Warning : the maximum operating pressure and the burst pressure are valid only for the connected position.
Do not use the female body disconnected with pressure impulses.

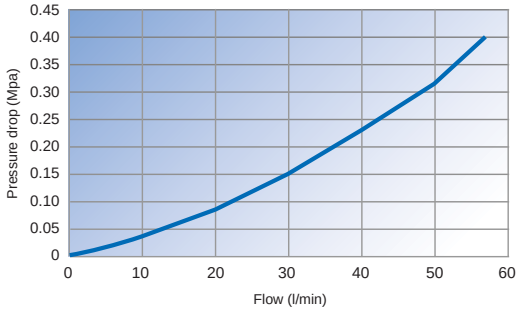
Pressure drop

Tests with oil viscosity 43 cSt at 38° C.

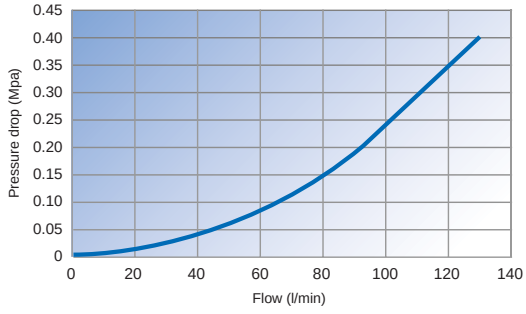
1/4"



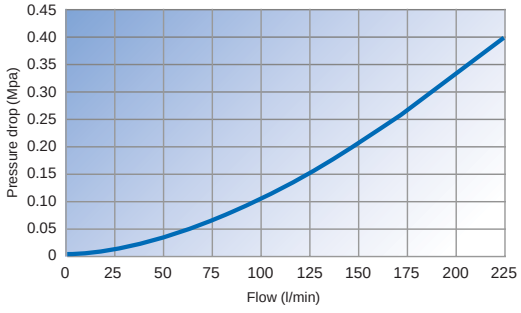
3/8"



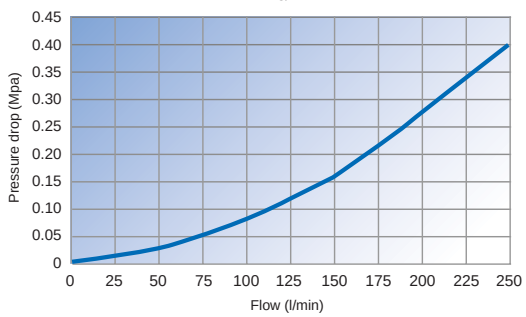
1/2"



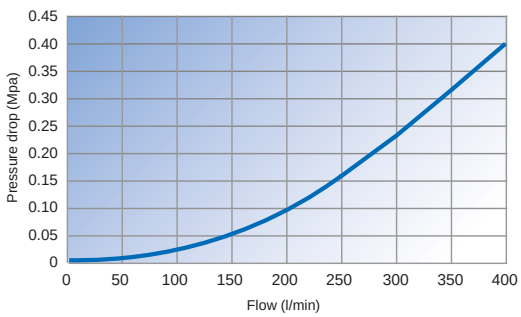
5/8"



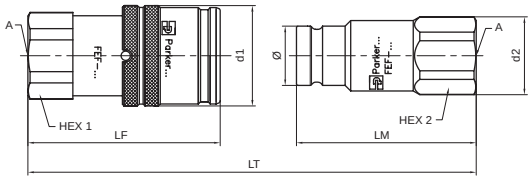
3/4"



1"



Dimensions and part numbers



Body size inch	Thread A inch	d1 mm	Hex 1 mm	LF mm	d2 mm	Hex 2 mm	LM mm	LT connected mm	Ø mm	Part number female body	Weight gr./piece	Part number male tip	Weight gr./piece
Female BSPP thread													
1/4"	1/4	29.5	22	48.1	23.8	22	47.9	85.2	16.1	FEF-251-4FB	147	FEF-252-4FB	86
3/8"	3/8	33.5	27	64.2	26.0	24	60.0	108.7	19.7	FEF-371-6FB	247	FEF-372-6FB	121
	1/2	33.5	27	69.2	29.0	27	62.5	116.2	19.7	FEF-371-8FB	249	FEF-372-8FB	128
1/2"	1/2	39.5	32	73.8	33.8	32	68.0	124.6	24.5	FEF-501-8FB	390	FEF-502-8FB	233
	3/4	39.5	36	80.8	38.5	36	70.5	134.1	24.5	FEF-501-12FB	428	FEF-502-12FB	227
5/8"	3/4	43.5	36	78.5	38.5	36	70.5	131.5	27.0	FEF-621-12FB	499	FEF-622-12FB	268
3/4"	1	49.5	45	93.2	47.8	45	82.3	153.7	30.0	FEF-751-16FB	811	FEF-752-16FB	394
1"	1-1/4	56.5	55	106.0	59.8	55	89.8	172.8	36.0	FEF-1001-20FB	1266	FEF-1002-20FB	641

Dust caps and plugs

Plastic

Body size inch	Plug part number for female body	Cap part number for male tip
1/4"	PFE-251-P	CFE-252-P
3/8"	PFE-371-P	CFE-372-P
1/2"	PFE-501-P	CFE-502-P
5/8"	PFE-621-P	CFE-622-P
3/4"	PFE-751-P	CFE-752-P
1"	PFE-1001-P	CFE-1002-P



Automatic dust cap for female body

Plastic

Body size inch	Cap part number for male tip
1/4"	DFE-251-P
3/8"	DFE-371-P
1/2"	DFE-501-P
5/8"	DFE-621-P
3/4"	DFE-751-P
1"	DFE-1001-P



Note : Standard dust caps and plugs are black. Please consult us for other colours

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