

ISO 7241-1-A	Steel	1/4", 3/8", 1/2", 3/4" & 1"	max 35 MPa	-40°C + 110°C	NBR (nitrile)	Manual	Poppet	No	Ball locking mechanism	BSPP

Main characteristics

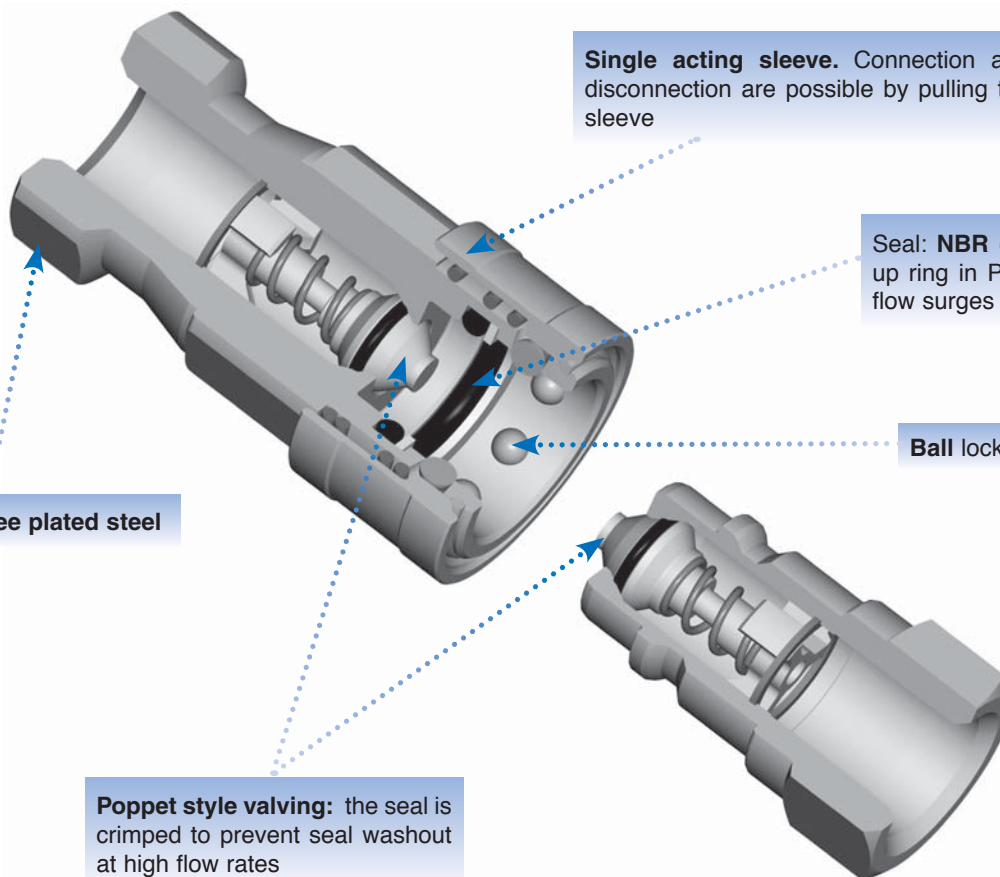
- Meets the requirements of **ISO 7241-1-Series A**
- Reference couplings for general purpose hydraulic applications

Applications

- Used for a wide range of agricultural applications: tractors, accessories...
- Mobile and construction equipment
- In-plant machinery: hydraulic power units, hand tools



Technical features



Single acting sleeve. Connection and disconnection are possible by pulling the sleeve

Seal: NBR (nitrile) and back-up ring in PTFE to withstand flow surges at high flow rate

Ball locking mechanism

Chrome 6 free plated steel

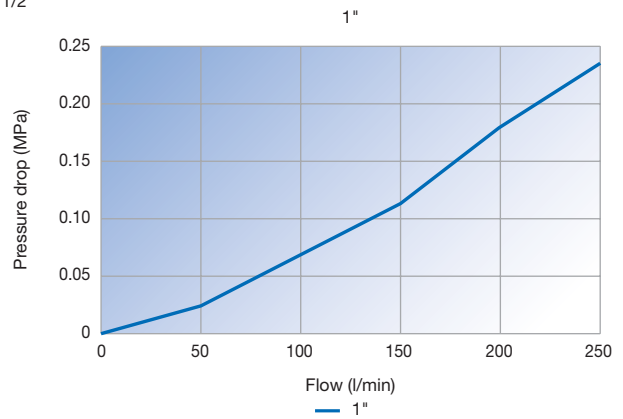
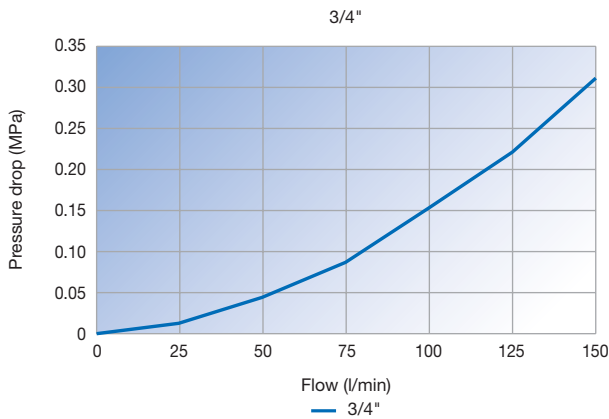
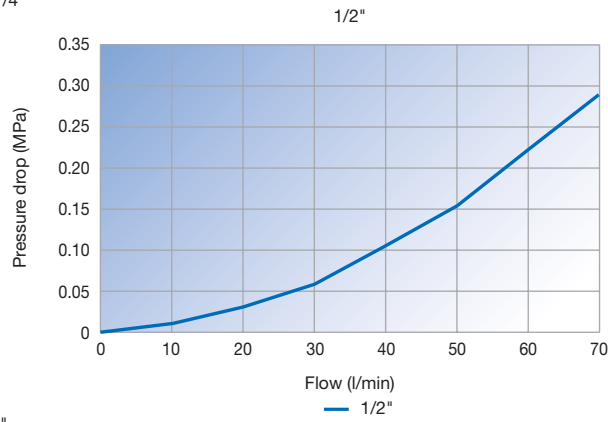
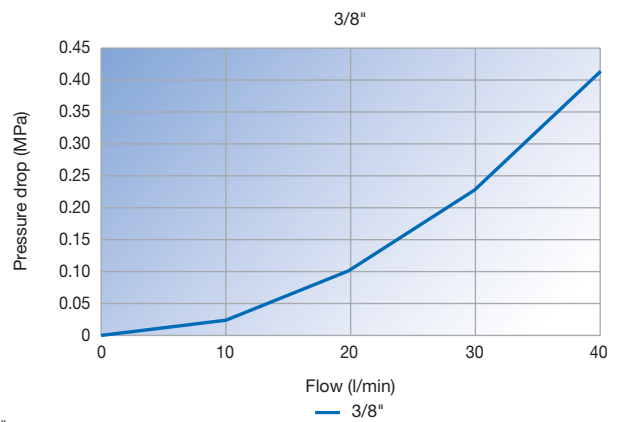
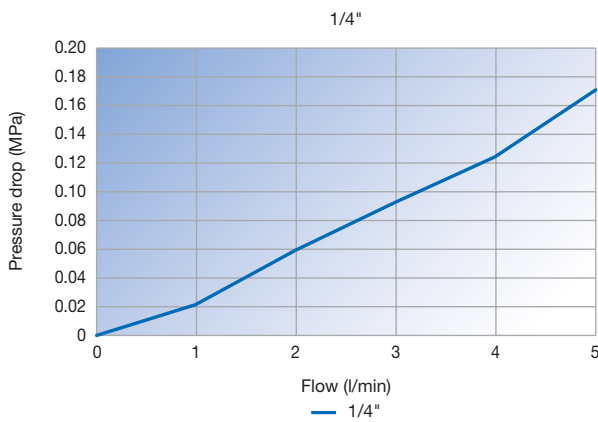
Poppet style valving: the seal is crimped to prevent seal washout at high flow rates

Technical performance data

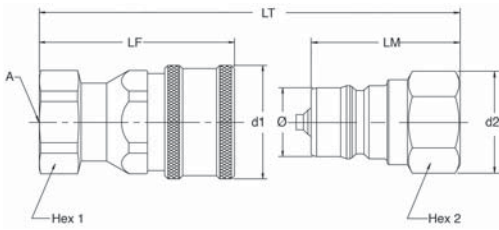
Body size inch	Temperature range	Max. operating pressure MPa
1/4"	-40°C +110°C	35
3/8"		28
1/2"		28
3/4"		28
1"		28

Pressure drop

Tests with oil viscosity 43 cSt at 38°C.



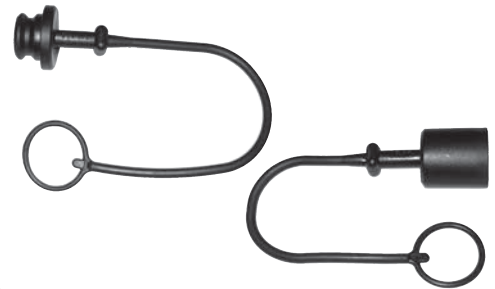
Dimensions and part numbers



Body size inch	Thread A BSPP	d1 mm	Hex 1 mm	LF mm	d2 mm	Hex 2 mm	LM mm	LT mm	Ø mm	Part number female body	Weight gr./piece	Part number male tip	Weight gr./piece
1/4"	1/4	27.0	22.0	49.0	21.9	19.0	34.5	67.1	11.8	6603-4-4	123	6605-4-4	39
3/8"	3/8	31.8	27.0	56.0	25.3	22.0	38.1	77.0	17.2	6603-6-6	181	6605-6-6	55
1/2"	1/2	38.1	32.0	70.9	31.1	27.0	49.3	99.3	20.5	6603-8-10	309	6605-8-10	97
3/4"	3/4	47.6	41.0	85.3	40.3	35.0	57.9	116.5	29.0	6603-12-12	624	6605-12-12	217
1"	1	54.0	48.0	104.1	47.2	41.0	70.5	139.6	34.3	6603-16-16	842	6605-16-16	331

Dust caps and plugs

Body size inch	Dust plug part number for female body	Dust cap part number for male tip
1/4"	6659-4PL	6657-4PL
3/8"	6659-6PL	6657-6PL
1/2"	6659-8PL	6657-8PL
3/4"	6659-12PL	6657-12PL
1"	6659-16PL	6657-16PL



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

Replacement seals

Body size inch	O-ring NBR (Nitrile)	Back-up ring NBR (Nitrile)
1/4"	JT020112N0674	4118006
3/8"	JT020115N0674	4118005
1/2"	JT020211N0674	50-140-4
3/4"	JT020123N0674	4138001
1"	JT020126N0674	4148002

