Parker Profile

Body Size

1/4" and 3/8"

700 bar

3000-Series

High Pressure



Technical Description
High pressure coupler up to 700 bar. Screw locking mechanism.

Advantages
- Screw type locking mechanism - high resistance to mechanical and hydraulic strengths.
- Ball or poppet valving configurations can be connected together with reduced impact on the flow capacities.

Applications
- Portable hydraulic rams
- Hydraulic jacks, rams and clamping devices
- Clamping hand tools
- Rescue equipment

Working Temperature
-30°C up to +110°C (NBR)
-30°C up to +80°C (Polyurethane)
depending on the medium.
Special seals are available on request (see page 6).

Working Pressure

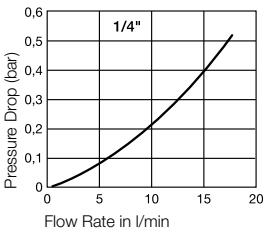
Body Size	Max. Operating Pressure Connected
1/4"	700 bar
3/8"	700 bar

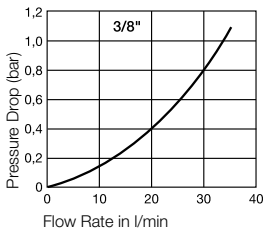
Material Coupling	Standard
Coupling Body	Steel
Sleeve	Steel
Valve	Steel
Springs	Steel
Seals 1/4"	NBR
Seals 3/8"	Polyurethane
Thread Body	Steel

Material Plug	Standard
Plug Body	Steel
Valve	Steel
Seals 1/4"	NBR
Seals 3/8"	Polyurethane
Seals	NBR
Valve Holder	Steel

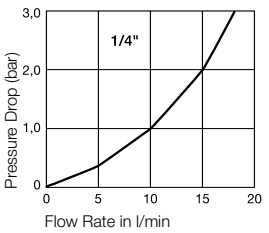
Flow Capacity with Oil with Viscosity of 43cSt at 38°C as per ISO 7241/2-2000

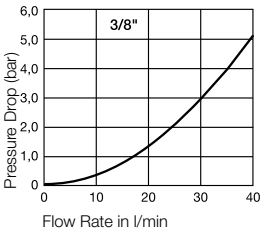
Ball Valving



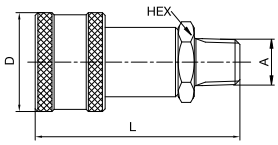


Poppet Valving





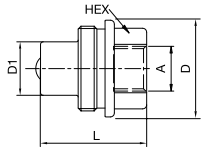
Couplings 3000-Series



Male NPTF Thread

Body Size	Connec-tion A	Hex	L mm	D mm	D1 mm	Valving	Weight gr.	Part Number
1/4"	1/4"	22 mm	60,5	28,5		Ball	115	3050-2
1/4"	1/4"	22 mm	60,5	29		Poppet	121	3050-2P
3/8"	3/8"	24 mm	72	35		Ball	220	3050-3
3/8"	3/8"	1"	73	35		Poppet	225	3050-3P

Plugs 3000-Series



Female NPTF Thread

Body Size	Connec-tion A	Hex mm	L mm	D mm	D1 mm	Valving	Weight gr.	Part Number
1/4"	1/4"	19	32	28	15,8	Ball	70	3010-2
1/4"	1/4"	27	32	31	15,8	Poppet	85	3010-2P
3/8"	3/8"	32	38	35	19,0	Ball	115	3010-3
3/8"	3/8"	32	35	36,8	19,0	Poppet	110	3010-3P

Dust Protection 3000-Series



Body Size	Version	Part Number
1/4"	for coupling	3005-2
3/8"	for coupling	3005-3
1/4"	for plug	3009-2
3/8"	for plug	3009-3

Seal-Kit 3000-Series



Body Size	Material	Part Number
1/4"	NBR	JT020114N0552
3/8"	Polyurethane	JT01U28-18.72QE

⚠ Please consider our security advices on the pages 12/13 ⚠

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