Parker
Parker Profile

Body Size

1/8"

720 bar

703-Series

Technical Description
Quick Coupling System with coaxial function to connect two independent lines (pressure line and return line). Available as Twin-Hose solution and Hose-in-Hose solution.

The Parker „Coaxial Hose Package“ is completely assembled with a Hose-in-Hose coupling and plug, and pre-filled with hydraulic oil.

TÜV approval according to NFPA 1936:2010 and DIN EN 13204:2012.

Patent pending.

Advantages
- With Safety locking sleeve
- Dry-break solution with extremely low dead space volume
- Easy to handle - no connecting against remaining pressure
- Sealed sleeve protects against dust and dirt
- Coupling and plug assembled with dust caps (POM black) and stainless steel wire

Applications
- Hydraulic cutter and spreader
- Hydraulic saw
- Rerail systems
- Rescue equipment

Working Temperature
-30°C up to +100°C (NBR) depending on the medium. Special seals are available on request.

Safety Note
A reliable functioning for the hose-in-hose solution can only be guaranteed in conjunction with original Parker Coaxial-Hose.

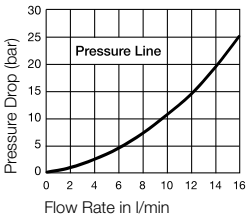
Working Pressure

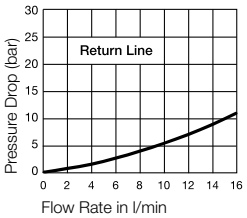
	Max. Working Pressure Connected bar
Pressure Line	720 bar
Return Line	35 bar

Material Coupling	Standard
Coupling Body	Steel zinc plated
Back Body	High-strength Aluminium
Sleeve	Aluminium
Seals	NBR

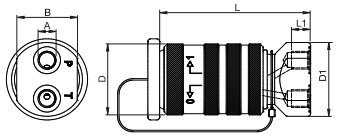
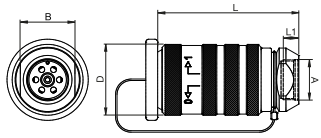
Material Plug	Standard
Plug Body	Steel chemical-nickel plated with PTFE-coating
Back body	High-strength Aluminium
Seals	NBR

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000

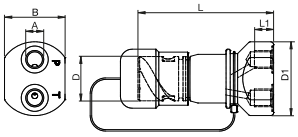
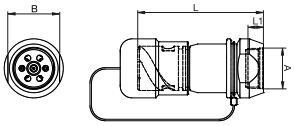




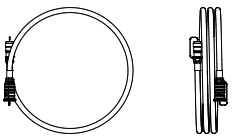
Coupling 703-Series

	Connection A	L mm	L1 mm	D mm	D1 mm	B mm	Weight gr.	Part Number
 Twin-Hose	M 12 x 1,5	102	13	48	50	41	475	703KBIM12SPZR
 Hose-in-Hose	M 27 x 1,5	95	10,5	48		37	425	703KBIM27SPZR

Plug 703-Series

	Connection A	L mm	L1 mm	D mm	D1 mm	B mm	Weight gr.	Part Number
 Twin-Hose	M 12 x 1,5	92	13	30	50	41	308	703SBIM12SPZR
 Hose-in-Hose	M 27 x 1,5	85	10,5	30	40	35	245	703SBIM27SPZR

Hose Package - Completely assembled 703-Series

	Inside Hose (Pressure Line) Inside x Outside ø mm	Outside Hose (Return Line) Inside x Outside ø mm	Working Length m	Part Number
 with 703KBIM27SPZR and 703SBIM27SPZR	4,8 x 10,7	16,8 x 23,2	5	703SET5R
	4,8 x 10,7	16,8 x 23,2	10	703SET10R
	4,8 x 10,7	16,8 x 23,2	15	703SET15R

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

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