ISO A
ISO 7241-1
Series A

Body Size

1/2"

ISO A-Profile

RSD-Series



Technical Description
The RSD series has been manufactured according to the regulations and dimensions of the standard specification ISO 7241-1 A series and can be connected with other series complying with the same standard.

Advantages
Our one hand operated push-pull version serve to prevent leakage and destruction of the hydraulic hoses by automatical disconnection in case of accidental traction on the hose. The integrated detent system prevents circuit shut off in back-flow condition (> 240 l/min - direction male to female). The connection can be done under full system pressure in the plug.

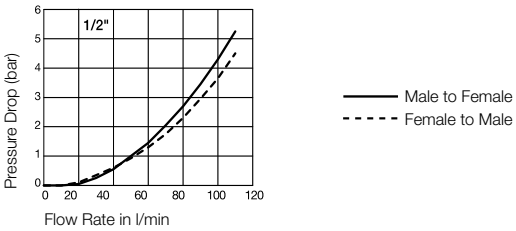
Working Pressure
See charts.

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

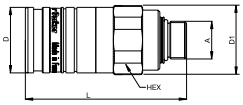
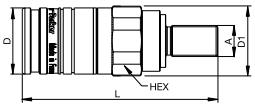
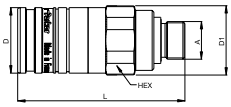
Material Coupling	Standard
Coupling Body	Chrome VI free Plated Steel
Sleeve	Chrome VI free Plated Steel
Valve	Chrome VI free Plated Steel
Springs	Steel
Locking Balls	Steel
Seals	Composite
Valve Holder	Composite

Applications Area

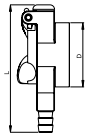
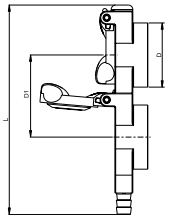
Flow Capacity with Oil with Viscosity of 43cSt at 38°C as per ISO 7241/2-2000



Couplings — RSD-Series

	Body Size	Connection A	Hex mm	L mm	D mm	D1 mm	Working Pressure in bar	Weight gr.	Version	Part Number
 Male Thread ISO 6149-2	1/2"	M 22 x 1,5	38	94,5	38	40	250	459		RSD-501-22MM-F
 Male thread 24° cone – DIN 2353 Bulkhead	1/2"	M 18 x 1,5	38	110	38	40	250	490	Light	RSD-501-18BMCL-F
	1/2"	M 22 x 1,5	38	110	38	40	250	510	Light	RSD-501-22BMCL-F
 Male Thread ISO 9974-2 with ED-Seal	1/2"	M 22 x 1,5	38	97,5	38	40	250	480		RSD-501-22MME-F

Dust Protection — RSD-Series

	Body Size	Version	L mm	D mm	D1 mm	Material	Color	Part Number
	1/2"	Single Dust Cap	85	43		PA6-6	Black	DCP-500[1]
	1/2"	Double Dust Cap	140	43	55	PA6-6	Black	DCP-555[1]
	1/2"	Double Dust Cap	157	43	72	PA6-6	Black	DCP-572[1]
	1/2"	Double Dust Cap	167	43	82	PA6-6	Black	DCP-582[1]

Colored Caps for Dust Protection — RSD-Series

	Body Size	Version	L mm	D mm	D1 mm	Material	Color	Part Number
						PA6-6	Red	9809-018-R
						PA6-6	Yellow	9809-018-J
						PA6-6	Black	9809-018-N
						PA6-6	Green	9809-018-V
						PA6-6	Blue	9809-018-B

[1] Colored caps are not included in the single and double dust caps but have to be ordered separately.

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