



Technical Description

The NSE are dry-break couplings with flat face valves. The compact design makes it suitable for reduced spaces when high flow is needed. Coupling system with two-hand operation, i.e. both hands are required when connect/disconnect.

Working Temperature

-20°C up to +200°C (FKM) depending on the medium.

Other seals materials are available on request.

Advantages

- High flow with low pressure drop.
- No spillage during connection/disconnection.
- Specific design for cooling applications.
- Reduced dimensions compared to flow capacities.

Dry-Break

Max. Working Pressure*

15 bar

* maximum static working pressure with safety factor 4 to 1.

Material

Coupling: Stainless Steel

Plug: Stainless Steel

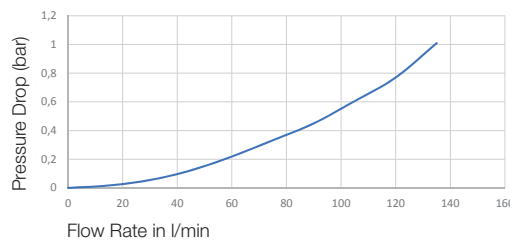
Seals: FKM

Applications

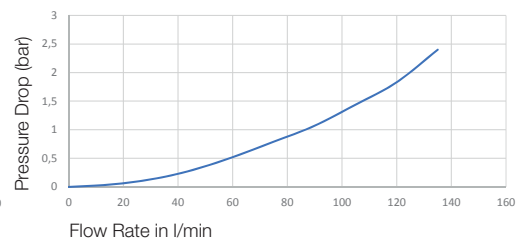
- Molding
- Electronic cabinets
- Laser
- Converters
- Radar, etc.

Flow diagrams

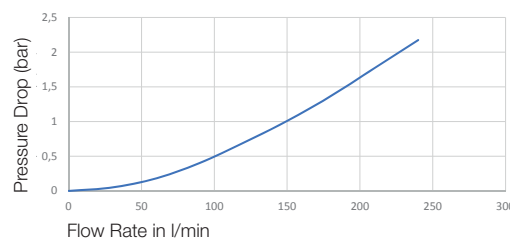
Water NSE Ø16 Water



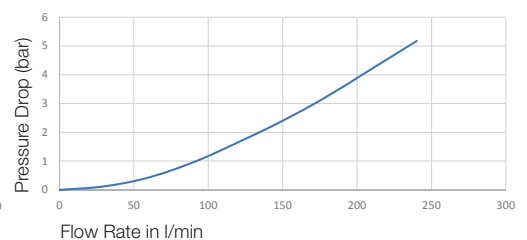
Oil NSE Ø16 Oil



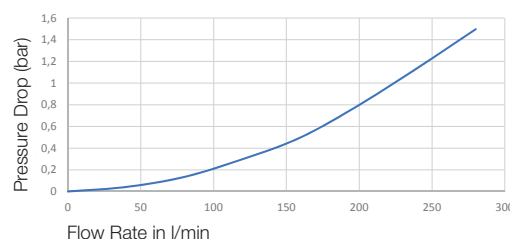
Water NSE Ø19 Water



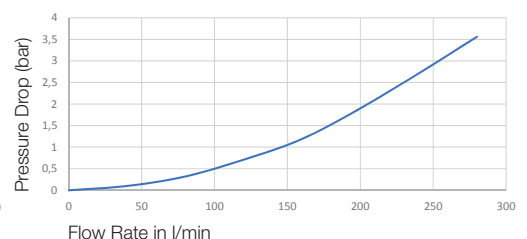
Oil NSE Ø19 Oil



Water NSE Ø25 Water



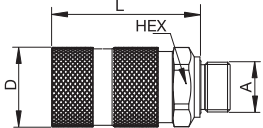
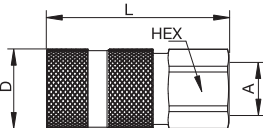
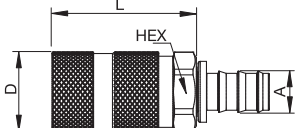
Oil NSE Ø25 Oil





Couplings

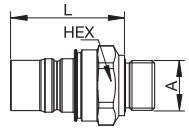
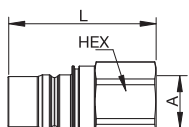
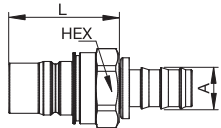
Series NSE

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 <p>Male Thread</p>	16	G 3/4	34	68,8	37	NSE-621-12MBO
	19	G 3/4	38	78,5	42	NSE-751-12MBO
 <p>Female Thread</p>	19	G 1	38	96,6	42	NSE-751-16FB
	25	G 1 1/4	50	120,5	53	NSE-1001-20FB
 <p>Parker Push-Lok</p>	19	12,5 mm	38	76,4	42	NSE-751-8PL
	19	19 mm	38	76,4	42	NSE-751-12PL



Plugs

Series NSE

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 <p>Male Thread</p>	16	G 3/4	34	56,5		NSE-622-12MBO
	19	G 3/4	38	60,3		NSE-752-12MBO
 <p>Female Thread</p>	19	G 1	38	78,4		NSE-752-16FB
	25	G 1 1/4	50	96,8		NSE-1002-20FB
 <p>Parker Push-Lok</p>	19	12 mm	38	58,2		NSE-752-8PL
	19	19 mm	38	58,2		NSE-752-12PL

⚠ Please consider our security advices in our main catalogues ⚠