Nominal Diameter

3/6/9/12

Parker Series

NSI



The NSI are dry-break couplings with flat face valves. The compact design make them suitable for reduced spaces. Coupling system with two-hand operation, i.e. both hands are required when connect/disconnect.

No spillage during connection/disconnection. Low pressure drop. Excellent resistance to vibrations and mechanical stresses.

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

* For temperatures below -20°C and over +200°C and depending on the medium, other seal variants (NBR, EPDM, FFKM) are available.

KL Dry-break

Working Pressure

60 bar

Material

Coupling: Brass/Stainless Steel
Plug: Brass/Stainless Steel
Seals: FKM

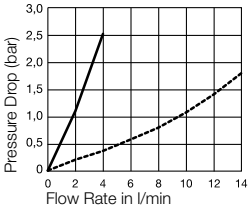
Technical Description

Dead space volume DN 3: 0 ml
Dead space volume DN 6: 0,01 ml
Dead space volume DN 9: 0,04 ml
Dead space volume DN 12: 0,1 ml

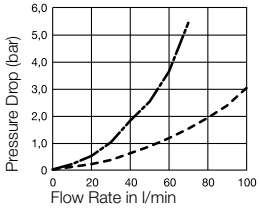
Connecting Force 0 bar DN 3: 25 N
Connecting Force 0 bar DN 6: 100 N
Connecting Force 0 bar DN 9: 85 N
Connecting Force 0 bar DN 12: 190 N

Flow diagrams

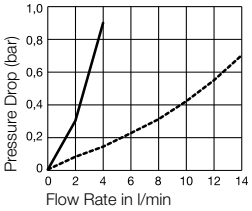
Oil (3 and 6 mm)



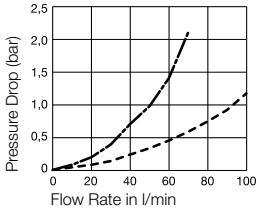
Oil (9 and 12 mm)

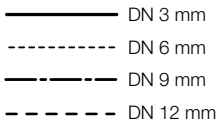


Water (3 and 6 mm)

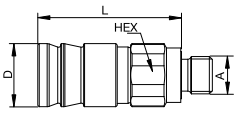
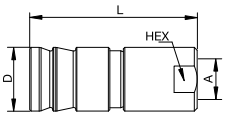
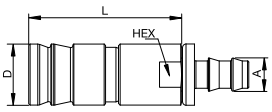


Water (9 and 12 mm)

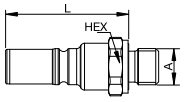




Couplings – flat sealing — Series NSI

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 Male Thread	3	G 1/8	14	38	17	NSI-121-2MBE [1]
	6	M 16 x 1,5	20	44,8	22	NSI-251-16MCL-2 [2]
	9	G 3/8	27	63	30	NSI-371-6MBO
	12	G 1/2	35	90,4	42	NSI-501-8MBO
 Female Thread	6	G 1/4	20	57,9	22	NSI-251-4FB
	9	G 3/8	27	72	30	NSI-371-6FB
	12	G 1/2	35	99,4	42	NSI-501-8FB
 Parker Push-Lok	6	10 mm	20	55,2	22	NSI-251-6PL

Plugs – flat sealing — Series NSI

	DN	Connection A	HEX mm	L mm	D mm	Part Number
 Male Thread	3	G 1/8	14	36,5		NSI-122-2MBE [1]
	6	G 1/4	19	44		NSI-252-4MBE [1]
	9	G 3/8	24	60,2		NSI-372-6MBO
	12	G 1/2	32	79,1		NSI-502-8MBO

[1] End connection according to ISO1179-2 ED seal
[2] End connection according to DIN 2353 24°cone

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

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