



STAUFF Screw-to-connect coupling with poppet valve series HH

Screw-to-connect couplings of the HH Series consist of a female body with a screw sleeve and a male tip with external thread. The Series is developed for high working pressure applications for connecting hydraulic lines up to DN51 [2"].

Coupling (screwing) and uncoupling (unscrewing) of the two halves is safe and very easy. After the connection is complete, all internal components have minimal play or clearance, which significantly reduces the risk of material fatigue.

Another advantage is that the risk of permanent indentation, so-called "brinelling", on the surface of the male tip is eliminated, which can occur with push-to-connect couplings in similar extreme applications.

The proven design is suitable for use in high pressure applications and available in nominal sizes 10, 12.5, 19, 25, 31, 38, 51 [3/8" - 2"].

Characteristics

Series: HH

Material: Steel

Surface protection: Zinc-Nickel

Valve shape: Poppet valve

Minimum medium temperature (continuous): -25 °C

Maximum medium temperature (continuous): 100 °C

Connectable under residual pressure: Yes

Application

- Industrial hydraulic, rescue and tensioning hydraulics

Technical Information

Connect under pressure:

- male tip or female body allowed

Type of component	Construction size	Nominal bore in DN mm	Coupling size (inch)	Connection type	Connection size	Maximum operating pressure bar	Spillage ml	Max. flow rate l/min	Sealing	Article
Coupling (female)	2	10	3/8"	Internal thread	3/8" BSP cyl.	650	1.9	27	NBR/PTFE	14230039
Coupling (female)	3	12.5	1/2"	Internal thread	1/2" BSP cyl.	600	2.7	60	NBR/PTFE	14230041
Coupling (female)	4	19	3/4"	Internal thread	3/4" BSP cyl.	500	9.3	82.5	NBR/PTFE	14230043
Coupling (female)	6	25	1"	Internal thread	1" BSP cyl.	460	16	150	NBR/PTFE	14230045
Plug (male)	2	10	3/8"	Internal thread	3/8" BSP cyl.	650	1.9	27	NBR	14230040
Plug (male)	3	12.5	1/2"	Internal thread	1/2" BSP cyl.	600	2.7	60	NBR	14230042
Plug (male)	4	19	3/4"	Internal thread	3/4" BSP cyl.	500	9.3	82.5	NBR	14230044
Plug (male)	6	25	1"	Internal thread	1" BSP cyl.	460	16	150	NBR	14230046

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