



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

Screw-to-connect couplings of the HV Series consist of a female body with a winged screw sleeve and a male tip with external thread.

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 Series HV is available in the nominal sizes 19, 25, 31, 38, 51 (3/4" - 2").

Characteristics

Series: HV

Material: Steel

Surface protection: Zinc coated

Valve shape: Poppet valve

Minimum medium temperature (continuous): -25 °C

Maximum medium temperature (continuous): 100 °C

Connectable under residual pressure: Yes, with restrictions

Application

- Construction machinery, oil and gas industry (onshore)

Technical Information

Connect under pressure:

- male tip and female body up to max. 100 bar / 1450 PSI 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)	4	19	3/4"	Internal thread	3/4" NPT	350	8	190	NBR/PTFE	14508908
Coupling (female)	6	25	1"	Internal thread	1" BSP cyl.	350	16	280	NBR/PTFE	14508912
Coupling (female)	6	25	1"	Internal thread	1" NPT	350	16	280	NBR/PTFE	14508913
Coupling (female)	8	31.5	1.1/4"	Internal thread	1.1/4" BSP cyl.	350	31	480	NBR/PTFE	14508918
Coupling (female)	8	31.5	1.1/4"	Internal thread	1.1/4" NPT	350	31	480	NBR/PTFE	14508919
Coupling (female)	10	38	1.1/2"	Internal thread	1.1/2" BSP cyl.	350	64	700	NBR/PTFE	14508924
Coupling (female)	10	38	1.1/2"	Internal thread	1.1/2" NPT	350	64	700	NBR/PTFE	14508925
Coupling (female)	12	51	2"	Internal thread	2" BSP cyl.	350	141	1000	NBR/PTFE	14508930
Coupling (female)	12	51	2"	Internal thread	2" NPT	350	141	1000	NBR/PTFE	14508931
Plug (male)	4	19	3/4"	Internal thread	3/4" NPT	350	8	190	NBR	14508909
Plug (male)	6	25	1"	Internal thread	1" BSP cyl.	350	16	280	NBR	14508914
Plug (male)	6	25	1"	Internal thread	1" NPT	350	16	280	NBR	14508915
Plug (male)	8	31.5	1.1/4"	Internal thread	1.1/4" BSP cyl.	350	31	480	NBR	14508920
Plug (male)	8	31.5	1.1/4"	Internal thread	1.1/4" NPT	350	31	480	NBR	14508921
Plug (male)	10	38	1.1/2"	Internal thread	1.1/2" BSP cyl.	350	64	700	NBR	14508926
Plug (male)	10	38	1.1/2"	Internal thread	1.1/2" NPT	350	64	700	NBR	14508927
Plug (male)	12	51	2"	Internal thread	2" BSP cyl.	350	141	1000	NBR	14508932

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

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
Plug (male)	12	51	2"	Internal thread	2" NPT	350	141	1000	NBR	14508933

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.