

HA.HB TYPE DOUBLE SHUT-OFF QUICK COUPLING

Features

1. High pressure double shut-off valve designed. Valve is composed of socket and plug.
2. Suitable connect with high-pressure air hoses and hydraulic equipments.
3. Material: Carbon Steel, Stainless steel.

Directions

Releasing:

When sleeve of socket pulled, steel ball roll out automatically, plug will rebound away due to the same valve spring of socket and plug, hence the valve of plug and socket closed automatically, obstruct fluid flow in the twinkling of an eye.

Fitting:

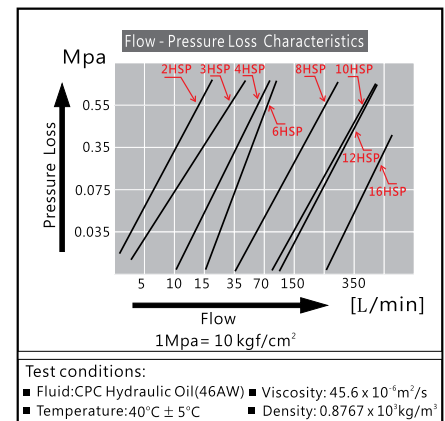
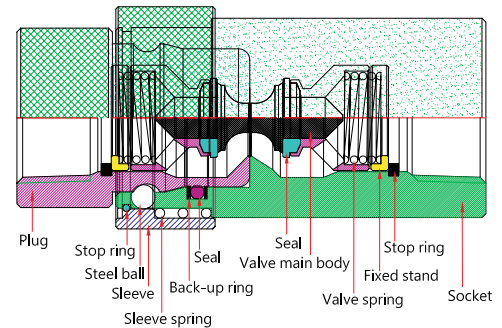
When plug inserted into socket, sleeve pushed back to original location by sleeve spring causes steel ball locked valve keeping absolutely connecting. At the same time, the valve of socket and plug will push and open, fluid circulating, O-ring preventing leaking completely.

Notices

- Dash size of socket & plug must be equal for connecting.
- To avoid feculence drops into coupler & sticks on seal is very important. It may be cause leak.

Specification

Model		02	03	04	06	08	10	12	16	24
Size		1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3"
Material		Stainless Steel SUS 304 / Carbon Steel								
Connection method	Socket	Female screw [F]								
	Plug									
Working pressure / Max. working pressure	Stainless Steel	210 / 350 (kgf/cm ²) 20.6 / 34.3 (MPa) 2987 / 4978 (psi) 206 / 343 (bar)			183 / 270 (kgf/cm ²) 17.9 / 26.5 (MPa) 2603 / 3840 (psi) 179 / 265 (bar)		142 / 210 (kgf/cm ²) 13.9 / 20.6 (MPa) 2020 / 2987 (psi) 139 / 206 (bar)		70 (kgf/cm ²) 6.9 (MPa) 996 (psi) 69 (bar)	
	Carbon Steel	210 / 350 (kgf/cm ²) 20.6 / 34.3 (MPa) 2987 / 4978 (psi) 206 / 343 (bar)			183 / 270 (kgf/cm ²) 17.9 / 26.5 (MPa) 2603 / 3840 (psi) 179 / 265 (bar)		142 / 210 (kgf/cm ²) 13.9 / 20.6 (MPa) 2020 / 2987 (psi) 139 / 206 (bar)		70 (kgf/cm ²) 6.9 (MPa) 996 (psi) 69 (bar)	
Seal material: Working temperature range	Standard	NBR: -20°C ~ +80°C (-4°F ~ +176°F)								
	Optional	VITON: -20°C ~ +180°C (-4°F ~ +356°F)								
Applicable fluid		Hydraulic Oil / Air / Water / Vacuum								
Use		Hydraulic machine, Construction machinery, Agricultural machinery								



Max. Tightening Torque

Model		02	03	04	06	08	10	12	16
Size		1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Torque N.m (kgf.cm)	Stainless Steel	28 (286)	45 (459)	90 (918)	100 (1020)	180 (1836)	290 (2958)	350 (3570)	500 (5100)
	Carbon Steel	28 (286)	45 (459)	90 (918)	100 (1020)	180 (1836)	290 (2958)	350 (3570)	500 (5100)

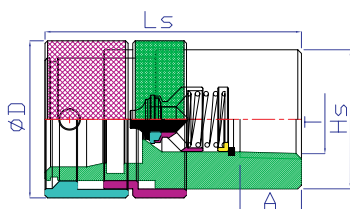
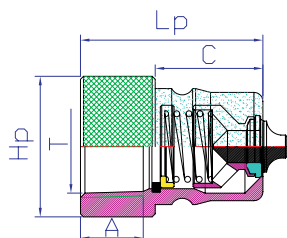
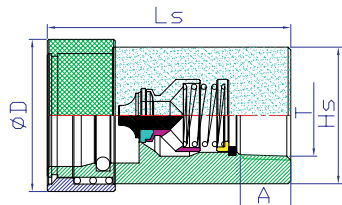


JOIN BRASS ENTERPRISE CO.,LTD.

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It is up to the ISO 7241 Series B Standard

 Double Shut-off



Computer No	Product Sign	Dimension (mm)				
		Ls	D	Hs	A	T
A8115HAJA	02SF	49	28	Ø23.9*2TS*19D	12	PT1/4"19P
A8115HAJA	03SF	60	33.5	Ø28.5*2TS*23D	12.8	PT3/8"19P
A8115HAJA	04SF	71	43.5	Ø38.5*2TS*35D	17	PT1/2"14P
A8115HAJA	06SF	71	43.5	Ø38.5*2TS*35D	17	PT3/4"14P
A8115HAJA	08SF	93.1	58.2	Ø52.2*2TS*46D	20	PT 1"11P
A8115HAJA	10SF	138	86.8	Ø63.8*2TS*58D	23	PT1-1/4"11P
A8115HAJA	12SF	138	86.8	Ø63.8*2TS*58D	23	PT1-1/2"11P
A8115HAJA	16SF	198	123	Ø89.9*2TS*80D	28.5	PT 2"11P
A8115HAJA	24SF	210	163.5	Ø128.8*2TS*115D	42.7	PT 3"11P

Computer No	Product Sign	Dimension (mm)				
		Lp	C	Hp	A	T
A8115HAJA	02PF	32	19.5	Ø22*6HEX*19D	12	PT1/4"19P
A8115HAJA	03PF	38	23.5	Ø25*6HEX*23D	12.8	PT3/8"19P
A8115HAJA	04PF	44	27.5	Ø32*6HEX*29D	17	PT1/2"14P
A8115HAJA	06PF	50	27.5	Ø35*6HEX*32D	18	PT3/4"14P
A7115HAJA	08PF	61	36	Ø45*6HEX*41D	21	PT 1"11P
A8115HAJA	10PF	80	58.2	Ø63.8*2TS*58D	23	PT1-1/4"11P
A8115HAJA	12PF	80	58.2	Ø63.8*2TS*58D	23	PT1-1/2"11P
A8115HAJA	16PF	115	83.1	Ø99.8*2TS*90D	28.5	PT 2"11P
A8115HAJA	24PF	132	87.8	Ø128.8*2TS*115D	42.7	PT 3"11P

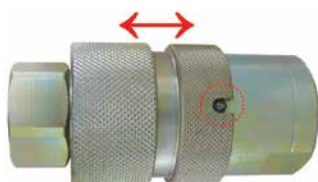
Connecting with the plug of HA type

Computer No	Product Sign	Dimension (mm)				
		Ls	D	Hs	A	T
A8115HBJA	02SF	49	28	Ø23.9*2TS*19D	12	PT1/4"19P
A8115HBJA	03SF	60	33.5	Ø28.5*2TS*23D	12.8	PT3/8"19P
A8115HBJA	04SF	71	43.5	Ø38.5*2TS*35D	17	PT1/2"14P
A8115HBJA	06SF	71	43.5	Ø38.5*2TS*35D	17	PT3/4"14P
A8115HBJA	08SF	93.1	58.2	Ø52.2*2TS*46D	20	PT 1"11P

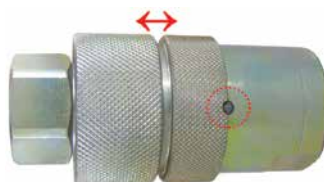
Directions

1. Ensure the socket and the plug connect completely against releasing by accident.
2. Pull up the sleeve of the socket and ture into the deep indentation. When the distance between two sleeves is longer, as the left picture, the whole structure is unlocked, the plug can be inserted or pulled out as needed.
3. Pull up the sleeve of the socked and ture into the shallow indentation. When the distance between two sleeves is shorter, as the right picture, the whole structure is locked, the plug cannot be pulled out.

Unlocked



Locked



Dimension of T: NPT, BSP, etc. are available to produce besides PT. (Welcome to order special threads)