



DA.DB TYPE DOUBLE SHUT-OFF QUICK COUPLING

Features

1. When coupling is fitting, socket & plug composed a valve, a double shut-off valve design; after releasing, the seal completely individually.
2. Suitable with various type & materials of dash size body, o-ring, valve strip.
3. Material: Brass, Stainless steel, Carbon steel.

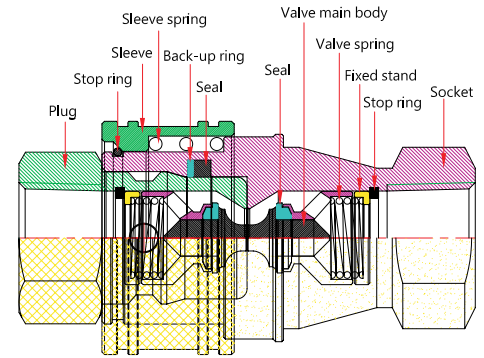
Directions

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.

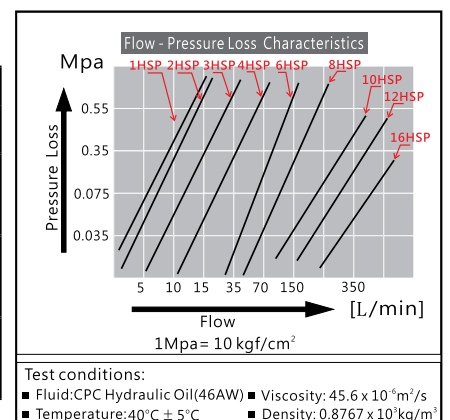


Specification

Model	01	02	03	04	06	08	10	12	16
Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Material	Brass BSBM / Stainless Steel SUS 304 / Carbon Steel								
Connection method	Socket	Female screw [F]							
	Plug								
Working pressure / Max. working pressure	Brass	50 / 75 (kgf/cm ²) 4.9 / 7.4 (MPa) 711 / 1067 (psi) 49 / 74 (bar)	30 / 45 (kgf/cm ²) 2.9 / 4.4 (MPa) 427 / 640 (psi) 29 / 44 (bar)	20 / 30 (kgf/cm ²) 2.0 / 2.9 (MPa) 285 / 427 (psi) 20 / 29 (bar)	15 / 23 (kgf/cm ²) 1.5 / 2.3 (MPa) 213 / 327 (psi) 15 / 23 (bar)				
	Stainless Steel	75 / 100 (kgf/cm ²) 7.4 / 9.8 (MPa) 1067 / 1422 (psi) 74 / 98 (bar)	45 / 65 (kgf/cm ²) 4.4 / 6.4 (MPa) 640 / 925 (psi) 44 / 64 (bar)	30 / 45 (kgf/cm ²) 2.9 / 4.4 (MPa) 427 / 640 (psi) 29 / 44 (bar)	20 / 30 (kgf/cm ²) 2.0 / 2.9 (MPa) 285 / 427 (psi) 20 / 29 (bar)				
	Carbon Steel	75 / 100 (kgf/cm ²) 7.4 / 9.8 (MPa) 1067 / 1422 (psi) 74 / 98 (bar)	45 / 65 (kgf/cm ²) 4.4 / 6.4 (MPa) 640 / 925 (psi) 44 / 64 (bar)	30 / 45 (kgf/cm ²) 2.9 / 4.4 (MPa) 427 / 640 (psi) 29 / 44 (bar)	20 / 30 (kgf/cm ²) 2.0 / 2.9 (MPa) 285 / 427 (psi) 20 / 29 (bar)				
Seal material: Working temperature range	Standard	VITON: -20°C ~ +180°C (-4°F ~ +356°F)							
	Optional	NBR: -20°C ~ +80°C (-4°F ~ +176°F)							
Applicable fluid	Hydraulic Oil / Air / Water / Vacuum								
Use	Boat piping, Gas piping, Hydraulic machine, Construction machinery, Agricultural machinery								

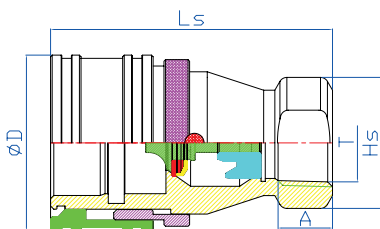
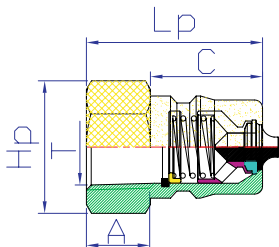
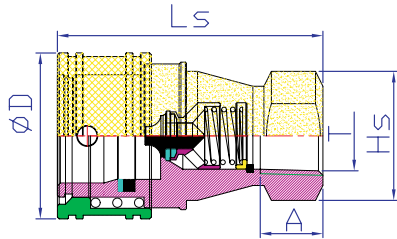
Max. Tightening Torque

Model	01	02	03	04	06	08	10	12	16	
Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
Torque N.m (kgf.cm)	Brass	5 (51)	9 (92)	12 (122)	30 (306)	50 (510)	65 (663)	150 (1530)	180 (1836)	260 (2652)
	Stainless Steel	9 (92)	14 (143)	22 (224)	60 (612)	90 (918)	120 (1224)	260 (2652)	280 (2856)	500 (5100)
	Carbon Steel	9 (92)	14 (143)	22 (224)	60 (612)	90 (918)	120 (1224)	260 (2652)	280 (2856)	500 (5100)



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Double Shut-off



Computer No	Product Sign	Dimension (mm)				
		Ls	D	Hs	A	T
BRASS A0325DAJA SUS A2335DAJA CARBON A8115DAJA	01SF	48	24.2	Ø17.9*2TS*14D	11	PT1/8"28P
	02SF	58	28	Ø22*2TS*19D	14.5	PT1/4"19P
	03SF	65	35	Ø25*2TS*21D	14	PT3/8"19P
	04SF	72	45	Ø35*2TS*29D	17	PT1/2"14P
	06SF	88	54.5	Ø40.9*2TS*35D	17	PT3/4"14P
	08SF	102	65	Ø47.9*2TS*41D	20	PT 1"11P
	10SF	115	76.8	Ø59*2TS*54D	23	PT1-1/4"11P
	12SF	124	87.8	Ø68.8*2TS*63D	24	PT1-1/2"11P
16SF	133.5	108.8	Ø85.9*2TS*77.2D	28.5	PT 2"11P	

Computer No	Product Sign	Dimension (mm)				
		Lp	C	Hp	A	T
BRASS A0325DAJA SUS A2335DAJA CARBON A8115DAJA	01PF	29	19	Ø16.2*6HEX*14D	11	PT1/8"28P
	02PF	36.5	22.5	Ø19.6*6HEX*17D	14.5	PT1/4"19P
	03PF	40	25	Ø24.2*6HEX*21D	14	PT3/8"19P
	04PF	44	28	Ø33.3*6HEX*29D	17	PT1/2"14P
	06PF	52	36	Ø40.4*6HEX*35D	17	PT3/4"14P
	08PF	62	40	Ø47.3*6HEX*41D	20	PT 1"11P
	10PF	70	45	Ø59*2TS*54D	23	PT1-1/4"11P
	12PF	75	49	Ø69*2TS*63D	24	PT1-1/2"11P
16PF	81.5	52	Ø83.8*2TS*77.2D	28.5	PT 2"11P	

Connecting with the plug of DA type

Computer No	Product Sign	Dimension (mm)				
		Ls	D	Hs	A	T
BRASS A0325DBJA SUS A2335DBJA CARBON A8115DBJA	02SF	58	28	Ø22*2TS*19D	14.5	PT1/4"19P
	03SF	65	35	Ø25*2TS*21D	14	PT3/8"19P
	04SF	72	45	Ø35*2TS*29D	17	PT1/2"14P
	06SF	88	54.5	Ø40.9*2TS*35D	17	PT3/4"14P

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.



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