

For High Pressure HSU CUPLA

NEW

The flow volume is increased by between 28 to 44% while at the same time the coupled length is reduced by at least 10% compared with the S210 Cupla.



1/4", 3/8" and 1/2" are available now.
(3/4" and 1" will follow shortly.)



Sleeve stopper mechanism can be engaged by rotating sleeve after connection.




Highly corrosion resistant stainless steel body (SUS 304)

Specifications			
Body material	Stainless steel (SUS 304)		
Applicable fluids	Water, Hydraulic oil, Gas		
Size	1/4" • 3/8" • 1/2"		
Working pressure *1	21.0 MPa		
	214 kgf/cm ²		
	210 bar		
	3050 PSI		
Seal material	Seal material	Mark	Working temperature range
Working temperature range *2	Hydrogenated nitrile rubber	HNBR	-20°C ~ +120°C

Max. Tightening Torque			
Size	1/4"	3/8"	1/2"
Torque	28 (286)	35 (357)	70 (714)

Flow Direction

Fluid may flow in either direction from plug or from socket side when coupled.



Interchangeability

Different size socket and plug cannot be connected to each other.

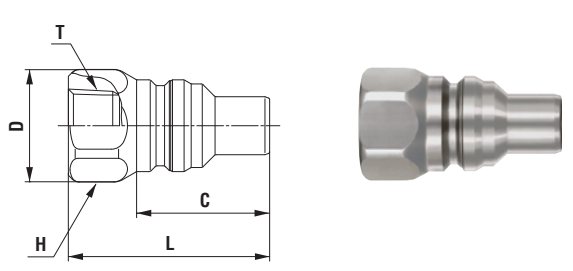
Min. Cross-Sectional Area			
Size	1/4"	3/8"	1/2"
Min. Cross-Sectional Area	27.1	48.2	84.2

Suitability for Vacuum		
Socket only	Plug only	When connected
-	-	Operational

Admixture of Air on Connection *3			
Size	1/4"	3/8"	1/2"
Volume of air admixture	0.65	1.5	3.6

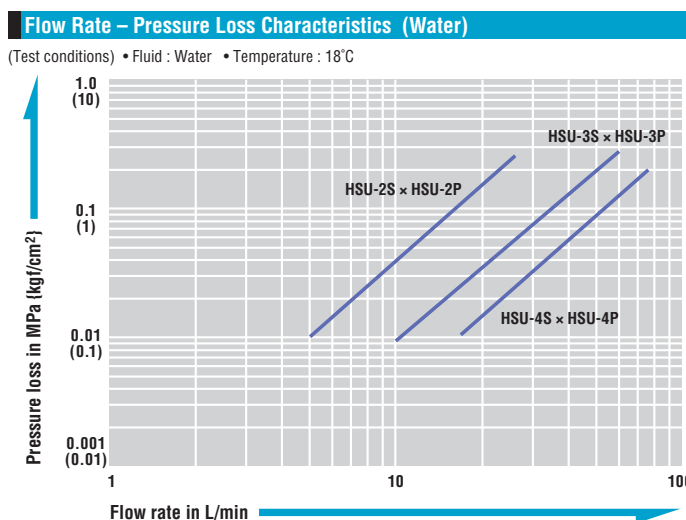
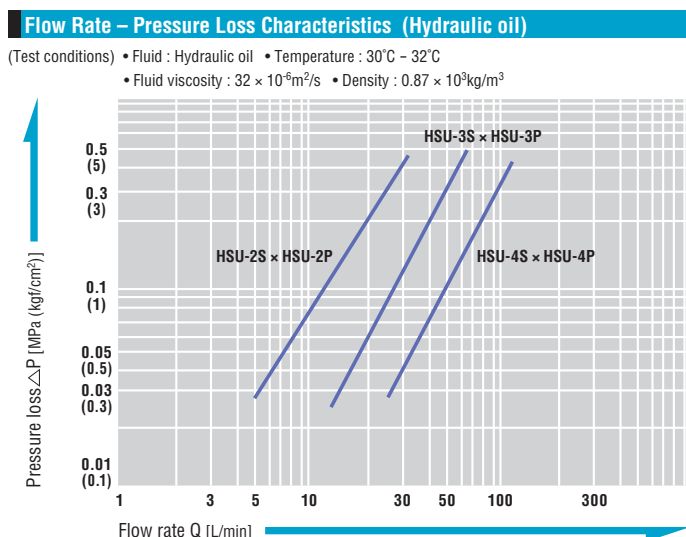
Models and Dimensions

Plug Female thread

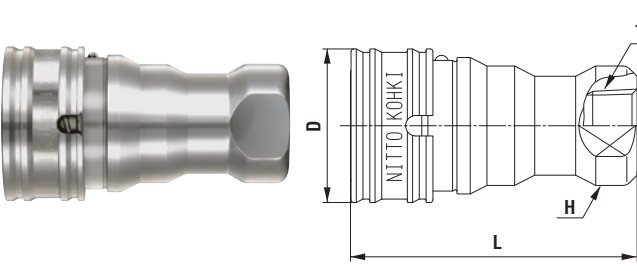


Model	Application	Mass (g)	Dimensions (mm)				
			L	C	φD	H	T
HSU-2P	R 1/4	49	45.5	27.5	21	Hex.19	Rc 1/4
HSU-3P	R 3/8	86	51.5	32	26.5	Hex.24	Rc 3/8
HSU-4P	R 1/2	152	59	39	33	Hex.30	Rc 1/2

Volume of Spillage per Disconnection *4			
Size	1/4"	3/8"	1/2"
Volume of spillage	0.61	1.69	3.02



Socket Female thread



Model	Application	Mass (g)	Dimensions (mm)			
			L	φD	H	T
HSU-2S	R 1/4	142	63	28	19	Rc 1/4
HSU-3S	R 3/8	255	71.5	35	24	Rc 3/8
HSU-4S	R 1/2	479	84	45	30	Rc 1/2

*1 : This is the normal allowable fluid pressure under continuous use.

*2 : Working temperature range may vary depending upon usage conditions.

*3 : Admixture of air may vary depending upon usage conditions.

*4 : Volume of spillage may vary depending upon usage conditions.

★ Specifications and designs are subject to change at any time without notice.



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