

Pipe Siphon 1

When the temperature of measurement fluid is higher, the pipe siphon is used to prevent pressure gauge from being exposed to high temperatures, and heat is dissipated by a pipe siphon.

Operating fluid:
Gas or liquid

Connection type:
Female screw x male screw

Max. allowable pressure:
20MPa

Operating fluid temperature:
350°C or less

Wetted parts materials:
Iron SGD, STPG370
Stainless steel SUS316

Outer:
Iron Nickel plating
Stainless steel Stainless steel (materials)

Winding:
FP10 Single winding
FP20 Double winding

Weight:
FP10 Approx. 0.4 kg
FP20 Approx. 0.6 kg

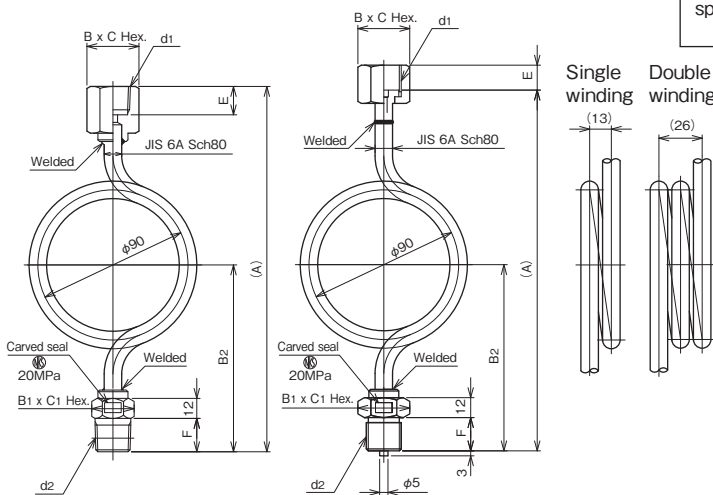
Caution
Packing not included, please request separately.

Model number configuration

For ordering, please specify the model number and each specs.

Model																	
Pipe Siphon		①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	
Model number		Selective spec.					Additional spec. (Option)										
Model	1	0	Female screw x male screw					Single winding									
	2	0	Female screw x male screw					Double winding									

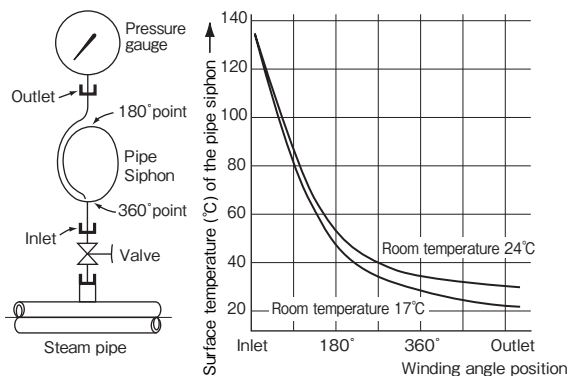
⑧ Treatment	0	Nil
	1	Use no oil
	2	Use no water
	3	Use no oil & water
⑨ Other additional specifications	0	Nil
	1	Required (Please specify the desired documents separately.) Connection thread specified
⑮ Documents	0	Nil
	1	Required (Please specify the desired documents separately.) Submission drawings, instruction manual, mill sheet



*Specify "X" if there is no specification item.

Cooling effect of pipe siphon

Pipe siphon cooling effects vary based on pipe radius, wall thickness, length, room temperature and airflow; however, pipe siphon cooling effects for common uses in steam pressure measurement is shown in the figure below.



Single winding

Model number		d1 x d2 (Female) (Male)	A	B2	E	F	B x C Hex.	B1 x C1 Hex.
Iron	Stainless steel							
FP10-222	FP10-223	G1/4 x G1/4B	212	108	10	16	19 x 21.4	19 x 21.9
FP10-332	FP10-333	G3/8 x G3/8B	215	110	13	18	22 x 25.4	
FP10-382	FP10-383	G3/8 x R3/8						
FP10-442	FP10-443	G1/2 x G1/2B	217	112	15	20	27 x 31.2	22 x 25.4
FP10-492	FP10-493	G1/2 x R1/2	215	110	14	18	22 x 25.4	19 x 21.9
FP10-882	FP10-883	Rc3/8 x R3/8						
FP10-992	FP10-993	Rc1/2 x R1/2	219	112	17	20	27 x 31.2	22 x 25.4
FP10-CC2	FP10-CC3	3/8NPT x 3/8NPT	220	110	14	18	22 x 25.4	19 x 21.9
FP10-DD2	FP10-DD3	1/2NPT x 1/2NPT	222	112	17	20	27 x 31.2	22 x 25.4

Double winding

Model number		d1 x d2 (Female) (Male)	A	B2	F	E	B x C Hex.	B1 x C1 Hex.
Iron	Stainless steel							
FP20-332	FP20-333	G3/8 x G3/8B	215	110	13	18	22 x 25.4	19 x 21.9
FP20-382	FP20-383	G3/8 x R3/8	217	112	15	20	27 x 31.2	22 x 25.4
FP20-442	FP20-443	G1/2 x G1/2B						
FP20-492	FP20-493	G1/2 x R1/2	211	108	12	16	19 x 21.9	19 x 21.9
FP20-BB2	FP20-BB3	1/4NPT x 1/4NPT						