



SPECIAL FEATURES

PIGTAIL, COIL AND "U" TYPE SHAPES
MAXIMUM TEMPERATURE UP TO 400 °C
NOMINAL PRESSURE UP TO 160 bar
TIG WELDED & HYDRO TESTED
MADE WITH SEAMLESS PIPES

APPLICATIONS

SIPHONS ARE USED MAINLY TO PROTECT PRESSURE INSTRUMENTS, GAUGES, SWITCHES AND TRANSMITTERS DIRECTLY COMING IN CONTACT WITH HIGH TEMPERATURE PROCESS FLUIDS OR VAPOURS. THESE ARE MOUNTED BETWEEN PROCESS AND PRESSURE INSTRUMENT. THEY REDUCE PROCESS PULSATION AND GENERATE COOLING EFFECT TO SAVE THE INSTRUMENT.

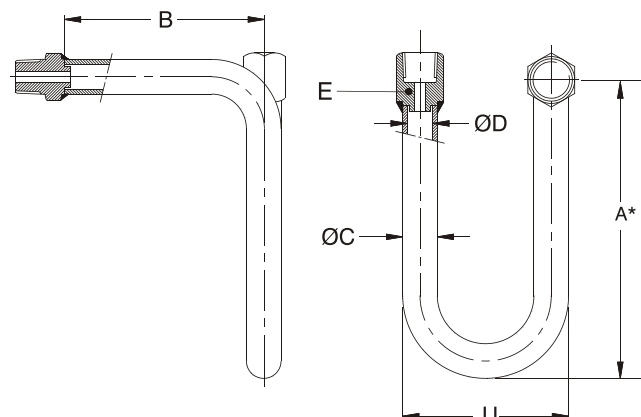
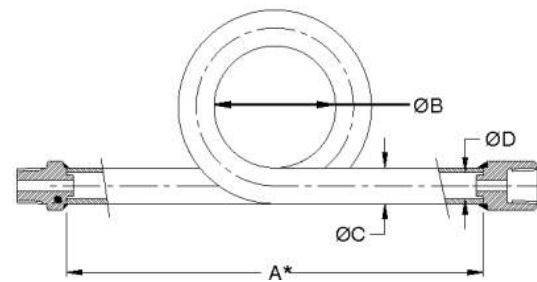
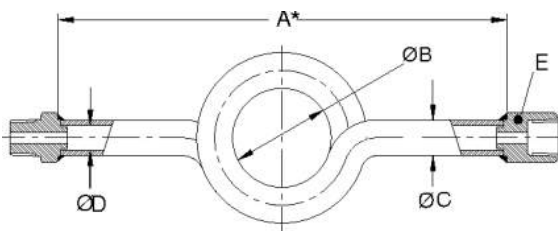


SPECIFICATIONS

BODY MATERIAL
AISI 316 Stainless Steel

PIPE SIZE
1/2", Schedule 40

OPERATING PRESSURE
100 bar at 120 °C.



Coil Type

Pipe size	A	ØB	ØC	ØD	E
1/2" Sch. 40	270	61.5	21.3	15.7	25
1/2" Sch. 80	270	61.5	21.3	13.9	25
1/2" Sch. 160	270	61.5	21.3	11.7	25

A* = ±5 mm

Pigtail Type

Pipe size	A	ØB	ØC	ØD	E
1/2" Sch. 40	270	61.5	21.3	15.7	25
1/2" Sch. 80	270	61.5	21.3	13.9	25
1/2" Sch. 160	270	61.5	21.3	11.7	25

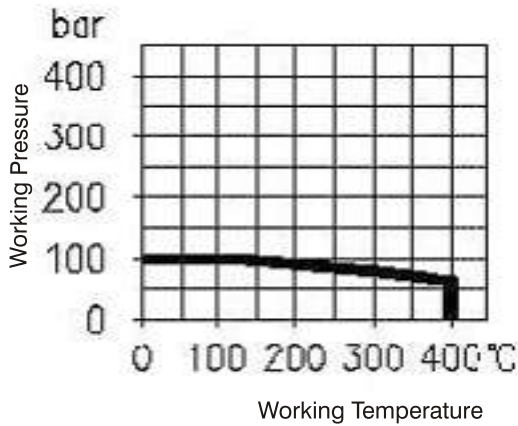
A* = ±5 mm

"U" Type

Pipe size	A	B	U	ØC	ØD	E
1/2" Sch. 40	169	155	99	21.3	15.7	25
1/2" Sch. 80	169	155	99	21.3	13.9	25
1/2" Sch. 160	169	155	99	21.3	11.7	25

A* = ±5 mm

Notes : • Drawings are not to scale. • All Dimensions are in mm.



Pigtail Type

Form	Body Material	Size	Pressure Rating (bar)	Temp. Rating (°C)
	Steel, Sch. 40	1/4" NPT	34.47	204.44
	AISI 316 SS	1/4" NPT	34.47	204.44

Coil Type

Form	Body Material	Size	Pressure Rating (bar)	Temp. Rating (°C)
	Steel, Sch. 40	1/4" NPT	34.47	204.44
	Steel, Sch. 80	1/4" NPT	230	204.44
	Steel, Sch. 80	1/2" NPT	206.84	204.44
	Steel, Sch. 160	1/2" NPT	249.59	371.11
	AISI 316 SS, Sch. 80	1/2" NPT	182.71	260
	AISI 316 SS, Sch. 160	1/2" NPT	386.10	260

HOW TO ORDER

BASIC MODEL (WITH PLAIN END)

CODE

It is recommended that the Siphon should be filled with water or any other suitable separating fluid, when it is installed first time.

TYPE

MR COIL TYPE MS PIGTAIL TYPE MT 'U' TYPE

BODY

CR CARBON STEEL (RED OXIDE PAINTED)* CQ AISI 304 SS CL AISI 316 SS (Standard)
 CS MILD STEEL (CHROME PLATED)* CM AISI 316L SS

*MARKING/STAMPING WILL BE ON HEX OF ADAPTOR IF THE ADAPTOR MOC IS OF SS.

PIPE SIZE & SCHEDULE

Pipe size	Schedule
1/4"	40, 80 & 160
3/8"	40, 80 & 160
1/2"	40, 80 & 160

PLEASE SPECIFY PIPE SIZE & SCHEDULE WHILE ORDERING (For Example: To select 1/4" Schedule 40 pipe, write 1/4"- 40)

CONNECTION TYPE (*Not suitable for NPT threading)

MU SWIVEL FEMALE CONNECTION* MV ADAPTOR FOR MALE OR FEMALE THREADING
 CZ MALE THREAD ON PIPE

CONNECTION (*Except option MU)

2BM.2BF	1/4" BSP (M x F)	2BM.2BM	1/4" BSP (M x M)	2BF.2BF	1/4" BSP (F x F)
2NM.2NF	1/4" NPT (M x F)*	2NM.2NM	1/4" NPT (M x M)	2NF.2NF	1/4" NPT (F x F)*
3BM.3BF	3/8" BSP (M x F)	3BM.3BM	3/8" BSP (M x M)	3BF.3BF	3/8" BSP (F x F)
3NM.3NF	3/8" NPT (M x F)*	3NM.3NM	3/8" NPT (M x M)	3NF.3NF	3/8" NPT (F x F)*
4BM.4BF	1/2" BSP (M x F) (Standard)	4BM.4BM	1/2" BSP (M x M)	4BF.4BF	1/2" BSP (F x F)
4NM.4NF	1/2" NPT (M x F) (Standard)*	4NM.4NM	1/2" NPT (M x M)	4NF.4NF	1/2" NPT (F x F)*
4NM.PE	1/2" NPT (M) x PLAIN END				

OPTIONS

PV WITH IBR APPROVAL GH MATERIAL TEST CERTIFICATE
 CW MARKING BY LASER CX MARKING BY ENGRAVING

Example

AC-06

XX

XX

(1/4-40)

XX

XXX.XXX

XX

Ordering Example: AC-06- XX - XX - (1/4-40) - XX - XXX.XXX - XX

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.