

Sampling Injection DBB

Mod. 597 S / I ... 897 S / I / 598 S / I ... 898 S / I

Applications:

- DBB ball type valve with sampling probe. The probe's length is normally defined by the customer during the design phase of the application.

Connections:

- Flanged-Threaded to ANSI-ASME B1.20.1 ISO 228 - ISO 7/1

Rating:

- To flange rating

Seals (std: T -46 +200 °C):

- Ball: Peek
- Bonnet: Graphite (standard)
- O-Ring: Viton AED 90SH

Features:

- Integral sampling probe
- Reduction of time and installation costs

Flanged Inlet		Threaded Outlet	Dimensions	Weight
DN	Rating	NPT - F	Ø B (mm)	Kg
1/2"	150*	1/2" std	90	6.0
1/2"	300	1/2" std	95	6.5
1/2"	600	1/2" std	95	6.5
1/2"	900-1500	1/2" std	120	7.5
1/2"	2500	1/2" std	135	9.0
3/4"	150*	1/2" std	100	6.5
3/4"	300	1/2" std	115	7.0
3/4"	600	1/2" std	115	7.0
3/4"	900-1500	1/2" std	130	8.5
3/4"	2500	1/2" std	140	9.5
1"	150	1/2" std	110	6.5
1"	300	1/2" std	125	7.5
1"	600	1/2" std	125	7.5

Flanged Inlet		Threaded Outlet	Dimensions	Weight
DN	Rating	NPT - F	Ø B (mm)	Kg
1"	900-1500	1/2" std	150	9.5
1"	2500	1/2" std	160	11.0
1 1/2"	150	1/2" std	125	7.5
1 1/2"	300	1/2" std	155	8.5
1 1/2"	600	1/2" std	155	9.0
1 1/2"	900-1500	1/2" std	180	12.0
1 1/2"	2500	1/2" std	205	17.5
2"	150	1/2" std	150	8.5
2"	300	1/2" std	165	9.5
2"	600	1/2" std	165	10.0
2"	900-1500	1/2" std	215	16.5
2"	2500	1/2" std	235	23.0

*only RF version

Ordering Information

Mod. 597 S / I ... 897 S / I / 598 S / I ... 898 S / I

Needle Type		
SB	59	Single Block
DB	69	Double Block
SBB	79	Single Block&Bleed
DBB	89	Double Block&Bleed

Connections IN	
D	1/2" FLANGE
E	3/4" FLANGE
F	1" FLANGE
H	1 1/2" FLANGE
J	2" FLANGE

*Vent (only for SBB-DBB)	
B	1/4" NPT-F
D	1/2" NPT-F (std)

Seal Material	
PG	Peek / Graphite (std)
X	On demand

Options See Table

DBB	-	89	7	S/I	-	L ...	-	D	150RF	-	D	D	-	L	-	PG	-	*	*
-----	---	----	---	-----	---	-------	---	---	-------	---	---	---	---	---	---	----	---	---	---

* NPT standard
Add:
R = BSPT thread
G = BSPP thread
Ex: DR = 1/2" BSPT

Sampling Valve

S	Sampling
I	Injection

Probe length = L

L 150	Probe length 150 mm
L 200	Probe length 200 mm
L 250	Probe length 250 mm
L ...	To be advised by customer

Flange

150 RF
300 RF
600 RF
900/1500 RF
2500 RF
150 RTJ
300 RTJ
600 RTJ
900/1500 RTJ
2500 RTJ

Connections

7	Flange - Thread
8	Flange - Flange

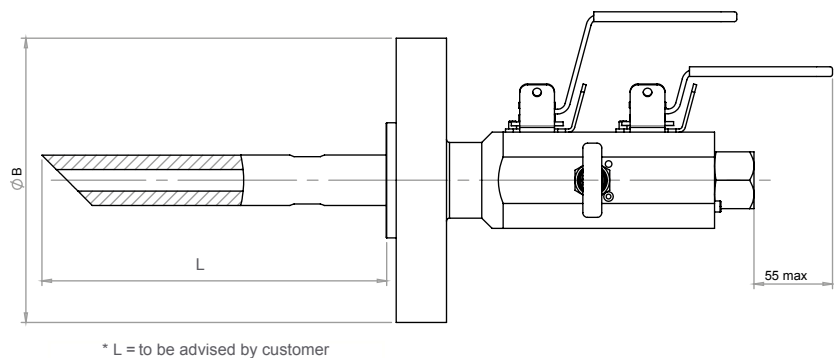
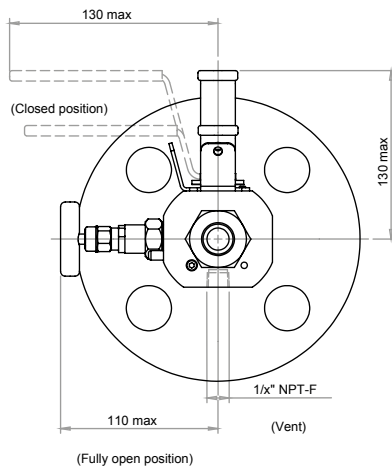
* Connections OUT

D	1/2" NPT-F
X	Flange on demand

Materials

C	C.S. A105
DLN	SS316/316L Nace (Dual Grade)
M400	Monel 400
F51	Duplex F51
F53	Super-duplex F53
F55	Super-duplex F55
I625	Inconel 625
I825	Inconel 825
HC276	Hastelloy C276
TN	Titanium
LF2	C.S. A350LF2 (Low Temperature)
X	On demand

Example Mod. 897 S



Dimensions are in "mm" for reference only, and may be changed without notice.

Options

-H	-L	-P						Availability			
								Needle Valves	Manifolds	Monoflanges	Ball Valves
A	Antitamper Actuator							✓	✓	✓	✓
B	Bolted Bonnet							✓		✓	✓
F	Oval Flange								✓		
G	Graphite seals							✓	✓	✓	✓
H	Rating 10.000 PSI (²)							✓	✓		
K1	Mechanical Electrical Contact										✓
K2	Magnetic Electrical Contact										✓
KG	Graphite bonnet seals replacement kit							✓	✓	✓	✓
KT	PTFE bonnet seals replacement kit							✓	✓	✓	✓
L	Locking Device							✓		✓	✓
O	Oxygen Service							✓	✓	✓	✓
P	Padlock							✓		✓	✓
Q	Quick Locking Device							✓	✓	✓	✓
R	Swivelling Fitting							✓		✓	✓
Y	Bonnet O.S.&Y.							✓		✓	✓
TV	Painting Treatment							✓	✓	✓	✓
TF	Phosphatization Treatment (¹)							✓	✓	✓	✓
TZ	Zinc Plating Treatment (¹)							✓	✓	✓	✓
U45-V	7/16" UNF L=45 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold								✓		
U75-2V	7/16" UNF L=75 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold								✓		
U45-3/5V	7/16" UNF L=45 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold								✓		
U75-3/5V	7/16" UNF L=75 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold								✓		
W	2" Pipe bracket								✓		
AT	Atex Version							✓	✓	✓	✓
GR	Gost R Version							✓	✓	✓	✓
FS	Fire Safe Version							✓	✓	✓	✓
TA	Fugitive Emission TA-LUFT Version							✓	✓	✓	✓
CRN	CURRENT CRN COMPLIANCE FOR 10 CANADIAN PROVINCES							✓	✓	✓	✓

(1) For carbon steel versions only.

(2) For flanged, BW, SW versions operating limits as for reference rules.

X = NOT CODED OPTION

For DB, SBB, DBB valves, repeat option code as many times as requested.
If you don't find options you need, please feel free to contact our sales Department
Ex: mod. 739R-DD-S-T-A-A-A = 2 Block + 1 Bleed bonnet Anti-tamper

Options

-H	-L	-P						Availability			
								Needle Valves	Manifolds	Monoflanges	Ball Valves
IDX	Vent Bottom Right								✓		
ISX	Vent Bottom Left								✓	✓	✓
M	Monel Trim							✓	✓	✓	✓
SPC 1	Special Marking - See descriptor							✓	✓	✓	✓
DIN 7756	Inlet Special Insert 1/8" NPT-M x DIN 7756 VG 8							✓	✓	✓	✓
2.0515 /DN15	Special DN15 marking requirement							✓	✓	✓	✓
3-G-GR -CUTR	GOST & CU-TR Certificate							✓	✓	✓	✓
X	Not Coded Option							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?											

(1) For carbon steel versions only.

(2) For flanged, BW, SW versions operating limits as for reference rules.

For DB, SBB, DBB valves, repeat option code as many times as requested.
 If you don't find options you need, please feel free to contact our sales Department
 Ex: mod. 739R-DD-S-T-A-A-A = 2 Block + 1 Bleed bonnet Anti-tamper