



Driving
TECHNOLOGICAL
EXCELLENCE

CALIBRATION POT

Calibration Pots are designed explicitly for determining or testing the flow rates of metering /injection pumps under actual operating conditions. In another way, it is used as calibration equipment for recalibrating pump performance periodically during its operation.

TECHNICAL SPECIFICATION

VOLUME RANGE

- 100 ML to 270 liters
- Customized volume on request

UNIT OF MEASUREMENT

- Millilitre (ML)
- Litre per hour (LPH)
- Litre per Minute (LPM)
- US Gallon per hour (GPH)
- US Gallon per Minute (GPM)
- Other Units available on request

- Temperature Ranges: -25°C to 120°C
- Pressure Range: ATM

FEATURE

- Calibration pot is provided with SS protection cage to avoid accidental damages
- Calibration pots made of sturdy design. These are predominantly use for onshore and offshore installations
- Direct flow rate readings in LPH & GPH
- Exhibits atmost accuracy in producing a flow rate of metering pumps
- Suitable for 1 Mins Test as default
- For Smaller volume, Calibration Scale are marked in the glass tube itself and it is laminated for long-lasting life
- For Larger volume, Calibration scale was provided separately is SS316 construction and fixed with the protection cage.

MOC

- Flange, Holding flange & Pipe - SS316/SS316L
- Glass tube: Borosilicate
- Cage sheet: SS316/SS316L
- Sealing: PTFE
- Other materials - Duplex SS, Carbon Steel, Monel on request

PROCESS CONNECTION

- Threaded: 3/8", 1/2", 3/4" & 1" NPT
- Flanged: 1/2" to 4" - Pressure rating as per customer requirement

MATERIAL CERTIFICATION

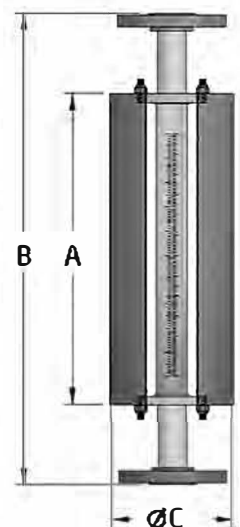
- 3.1 MTC as per EN 10204 for wetted parts
- NACE MR0175 compliance is available on request.

ORDERING INFORMATION AND MODEL DECODIFICATION

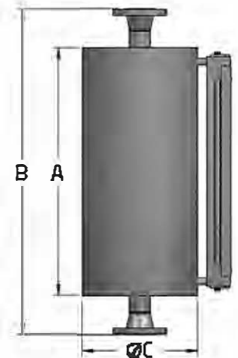
TYPE	SIZE	PRESSURE RATING	PROCESS CONNECTION	MATERIAL
CALIBRATION POT	100-100 ML	S10-3/8"	F- FLANGED	S-SS316L
	250 - 250ML	S15-1/2"		
	500 - 500ML	S20-3/4"		DS-DUPLEX SS
	1000 - 1000ML	S25-1"	N- THREADED	C-CARBON STEEL
	2000 - 2000ML	S50-2"		M-MONEL
	XXX-Other volume	XX-Others size		IN-INCONEL

DIMENSIONAL DETAILS

CALPOT VOLUME (ML)	CONNECTION SIZE								
		1/2"	3/4"	1"	1.5"	2"	1/2" NPT	3/4" NPT	1" NPT
100	A	284	284	284	284	284	284	284	284
	B	430	430	430	430	430	384	384	384
	C	110	110	110	110	110	110	110	110
250	A	339	339	339	339	339	339	339	339
	B	485	485	485	485	485	485	485	485
	C	110	110	110	110	110	110	110	110
500	A	379	379	379	379	379	379	379	379
	B	525	525	525	525	525	525	525	525
	C	110	110	110	110	110	110	110	110
1000	A	308	308	308	308	308	308	308	308
	B	480	480	480	480	480	480	480	480
	C	140	140	140	140	140	140	140	140
2000	A	299	299	299	299	299	299	299	299
	B	441	441	441	441	441	441	441	441
	C	170	170	170	170	170	170	170	170



CALPOT VOLUME (ML)	CONNECTION SIZE								
		1/2"	3/4"	1"	1.5"	2"	1/2" NPT	3/4" NPT	1" NPT
LARGE SIZE - PIPE DESIGN									
3000	A	500	500	500	500	500	500	500	500
	B	642	642	642	642	642	592	592	592
	C	168	168	168	168	168	168	168	168
5000	A	430	430	430	430	430	430	430	430
	B	560	560	560	560	560	522	522	522
	C	168	168	168	168	168	168	168	168
10000	A	865	865	865	865	865	865	865	865
	B	565	565	565	565	565	767	767	767
	C	168	168	168	168	168	168	168	168
15000	A	900	900	900	900	900	900	900	900
	B	1103	1103	1103	1103	1103	1148	1148	1148
	C	168	168	168	168	168	168	168	168
40000	A	700	700	700	700	700	700	700	700
	B	918	918	918	918	918	742	742	742
	C	323	323	323	323	323	323	323	323
60000	A	954	954	954	954	954	954	954	954
	B	1100	1100	1100	1100	1100	996	996	996
	C	323	323	323	323	323	323	323	323



► Dimensions and weight for other volumes will be provided on request

Note: Customised models and materials are available based on requirements.

Above data are only for reference purpose and subject to change without any prior notice due to constant efforts on product improvement.



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