

Stainless steel metering station PN16

304 Stainless steel, complete with test points and extensions with flow measurement function

SIZES

For fitting between BS End 1092-2 Flanges

Range	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Code	BR 40	BR 41	BR 42	BR 43	BR 44	BR 45	BR 46	BR 47	BR 48

DIMENSIONS (mm)

Range	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	109	129	144	164	194	220	275	358	386
B	148	158	166	176	191	204	232	273	287
C	20	20	20	20	20	20	20	20	20
Weight kg	1.40	1.90	2.20	2.40	3.10	3.40	4.7	6.08	7.60

FLOW RATES (m³/h)

Range	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
KV	47.50	100.70	133.80	237.70	339.00	511.00	858.00	1235.00	1793.00

VALVE SUITABILITY

Steam	Water	Oil	Air	Gas Inert	Gas Combustible	Gas Corrosive	Gas Oxygen
✗	✓	✗	✗	✗	✗	✗	✗

MATERIAL SPECIFICATION

Component	Material
Body	Stainless steel
Test point	DZR brass
Extension	Stainless steel

MAX. PRESSURE TEMPERATURE RATINGS

Size	Maximum Working Pressure (bar)		Test Pressure (bar)	
	Temperature up to 120°C	Temperature up to 120°C	Shell	Seat
DN50 to DN300	16.0	16.0	24	17.6
Size	Maximum Working Pressure (psi)		Test Pressure (psi)	
	Temperature up to 212°F	Temperature up to 212°F	Shell	Seat
DN50 to DN300	232.1	87.02	348.1	253.8

Temperature range -10°C - +120°C (non shock)

