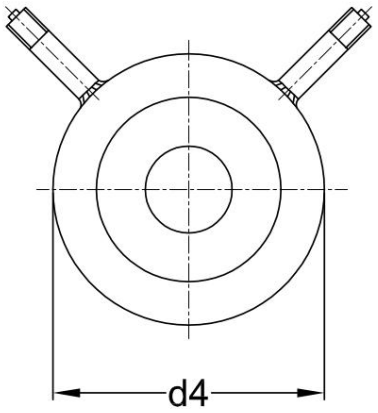
RING CHAMBER STANDARD APERTURES



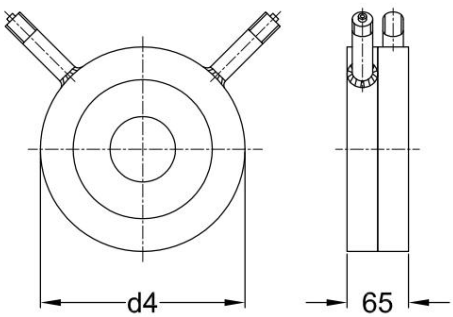
Standard orifice plates are used as differential pressure sensors for flow measurement of liquids, gases, or vapors. They are installed in the pipeline between flanges with smooth sealing surfaces and have a face-to-face dimension of 65 mm. Standard orifice plates are calculated according to DIN EN ISO 5167.

The straight inlet section should ideally be 10 x D (D = pipe inner diameter), the outlet section 5 x D.

The choice of materials depends on the temperature, pressure, and aggressiveness of the material being measured.

Special versions for higher pressures, higher temperatures or larger nominal diameters can be manufactured on request, depending on the technical possibilities.

Construction dimensions



TECHNICAL SPECIFICATIONS:

Operating mode:	Effective pressure transmitter
Measuring medium:	Liquids, gases and vapors
Measuring instrument:	Measuring aperture
Unit of measurement:	Volume flow
Max. temperature:	400 °C

PHYSICALLY:

Materials:	Mounting rings (St37), extraction nozzle (St37) and aperture disc made of stainless steel 1.4301
Construction:	Standard aperture with two-part mounting ring, material: steel St37
Version:	A with ring chamber extraction B with single tapping extraction
Aperture discs:	Replaceable, material stainless steel 1.4301
Length:	65 mm
Differential pressure connections:	G1/2A, 100 mm long, steel St35.8
Pressure levels:	PN1...PN40

Prices for stainless steel available upon request.

When placing an order, please specify the printing level PN!

type	Nominal diameter	Weight approx.	Item No.
MBR50	DN 50	3.0 kg	6310
MBR65	DN 65	3.5	6311
MBR80	DN 80	4.0	6312
MBR100	DN100	5.5	6313
MBR125	DN125	6.5	6314
MBR150	DN150	8.0	6315
MBR200	DN200	10.0	6316
MBR250	DN250	13.0	6317
MBR300	DN300	20.0	6318
MBR350	DN350	22.0	6319
MBR400	DN400	25.0	6320
MBR500	DN500	33.0	6321
MBR600	DN600	42.0	6322
MBR700	DN700	80.0	6323

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