

## Metering Station DN15 - DN300

### Application

The metering station is used when measuring the flow in heating and cooling systems. It is equipped with P/T plugs.

#### DN15 - DN50

Metering stations with threaded connections ranging from DN15 to DN50. DN15 is also available in a low flow model.

#### DN65 - DN300

Sizes DN65 to DN300 are mounted between flanges.

#### Flow Measuring

The flow measurement instrument is connected to the P/T points for measuring the pressure drop.

The flow can then be read from the pressure drop diagram found in the operating instructions.



### Technical data

	DN15 - DN50	DN65 - DN300
<b>Pressure class:</b>	PN 16	PN16
<b>Max temperature:</b>	120°C	120°C
<b>Min temperature:</b>	-20°C	-20°C
<b>Min pressuredrop:</b>	5 kPa	5 kPa
<b>Recommended pressure drop at rated valve:</b>	5-10 kPa	-
<b>Material:</b>	DZR brass	Grey cast iron, DZR brass (zink aluminium plated)
<b>Gaskets:</b>	EPDM	EPDM

### Flow measuring

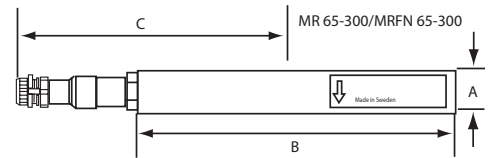
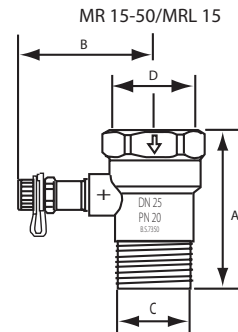
For optimum accuracy the metering station should be installed with 5 x pipe diameter of straight pipe both upstream and downstream, the pipe having equal diameter as the metering station.

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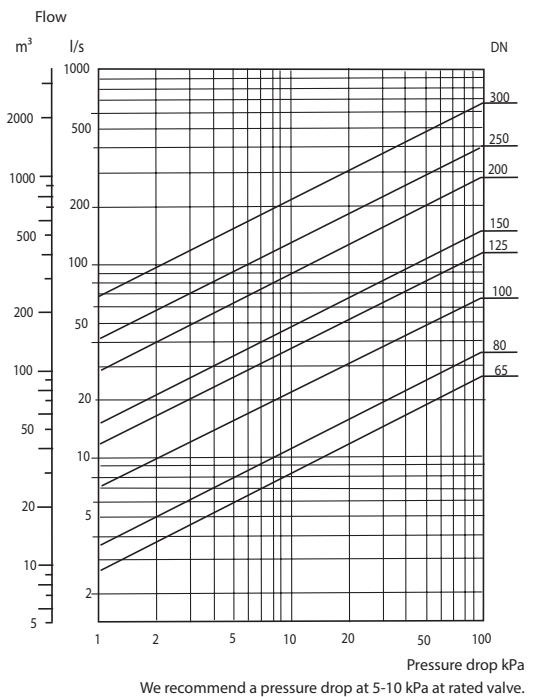
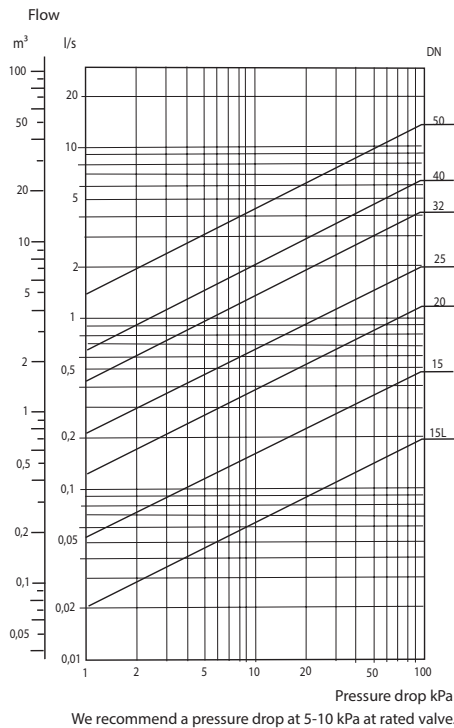
### Product programme and dimensions

Frese no.	Size	A	B	C	Kvs	Weight / kg
38-1000	DN15 L	58	53	R1/2	0.7	0.200
38-1001	DN15	58	53	R1/2	1.8	0.200
38-1002	DN20	60	56	R3/4	4.2	0.230
38-1003	DN25	68	59	R1	7.4	0.330
38-1004	DN32	72	62	R1 1/4	15	0.470
38-1005	DN40	74	66	R1 1/2	23	0.510
38-1006	DN50	82	71	R2	48	0.780

Frese no.	Size	A	B	C	Kvs	Weight / kg
38-1007	DN65	20	129	127	93	1.450
38-1008	DN80	20	144	134	126	1.710
38-1009	DN100	20	164	144	244	1.910
38-1010	DN125	20	194	159	415	2.480
38-1011	DN150	20	220	172	540	2.820
38-1012	DN200	20	275	200	1010	3.970
38-1013	DN250	20	331	228	1450	4.990
38-1014	DN300	20	386	255	2400	6.390



### Flow graphs



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