

General Description/Data:

Type	Typical measuring range ⁽²⁾		Nominal rate	Pressure rating in bar ⁽⁷⁾	Standard process connections	
	Parallel (kg/min)	Single Path/Sanitary (kg/min)	Parallel (kg/min)	For temperatures up to 120°C	Threaded ^(1/3)	Flanged
RHM015 ⁽⁴⁾	0.004 - 0.6 ⁽⁵⁾	0.002 - 0.3 ⁽⁵⁾	0.6	300 (400)	G 1/4"	DN15 / 1/2"
RHM03	0.1 - 5	0.05 - 2.5	5	300 (150)	G 1/4"	DN15 / 1/2"
RHM04	0.2 - 10	0.1 - 5	10	150 (250)	G 1/4"	DN15 / 1/2"
RHM06	0.5 - 25	0.25 - 12.5	20	380 (190)	G 1/2"	DN25 / 1"
RHM08	1 - 50	0.5 - 25	50	290 (900)	G 1/2"	DN25 / 1"
RHM12	2 - 100	1 - 50	75	190 (290)	G 3/4"	DN25 / 1"
RHM15	4 - 200	2 - 100	150	150 (300)	G 3/4"	DN25 / 1"
RHM20	6 - 300	3 - 150	300	110 (225)	G 1"	DN50 / 2"
RHM30	15 - 750	7,5 - 375	600	150 (400)	G 1 1/2"	DN50 / 2"
RHM40	30 - 1500	15 - 750	1250	165 (250 ⁽⁶⁾)	--	DN80 / 3"
RHM60	60 - 3000	30 - 1500	2500	100 (200 ⁽⁶⁾)	--	DN100 / 4"
RHM80	160 - 8000	80 - 4000	5000	100 (160 ⁽⁶⁾)	--	DN150 / 6"
RHM100	240 - 12000	--	10000	100 (220 ⁽⁶⁾)	--	DN200 / 8"
RHM160	500 - 25000	--	23000	40 (60 ⁽⁶⁾)	--	DN300 / 12"

(1) NPT available on request

(2) Standard meters only. Special range available on request

(3) Standard version with PTFE sealing up to RHM30, different sizes available

(4) Types RHM 007 and 01 are replaced by RHM 015

(5) With fine tuning: parallel 0.002 - 0.6 [kg/min] (option on request) sanitary 0.001 - 0.3 [kg/min]

(6) Max. pressure rating of tube (fitting to be clarified)

(7) Pressure rating in (brackets) refers to heavy duty or special versions

For the selection of the most suitable meter for your application, including assessment of pressure drop, please contact us with full process details.

Accuracy:

Range 1:20	±0.20% of rate and better
Range 1:50	±0.50% of rate and better
Repeatability	better than ±0.10% of rate
Gold Line models are fine tuned for your application	
Range 1:10	±0.10% of rate and better*
Range 1:20	±0.12% of rate and better*
Repeatability	better than 0.05% of rate*

*Only selected models available as Gold Line - consult factory

Accuracy and Repeatability (including zero drift) are stated at a reference condition of H₂O, 14.7psig, 68°F. Range is turn down from nominal flow rate. Optional special calibration and fine tuning for enhanced accuracy in customer specified ranges (including low flow) is available.

General Technical Specifications:

Pressure rating	According to above table (for normal temperature version) Please note: pressure ratings decrease with higher temperature rating Higher pressure ratings are available on request (up to 1000 bar)		
Temperature range	RHM type	Temp. in °C	Temp. class (for EEX ia IIC version)
Normal	NT	-20 to + 120	T4 - T6
Extended 1	ET1	-200 to + 50	T6 (Ex-approval for T > - 45°C only)
Extended 2	ET2	-45 to +210	T2 - T3
High	HT	0 to + 350	T1 - T3
Very high	VHT	0 to + 400	No EEx/only selected sizes
Wetted materials parts	Standard 1.4571 (316Ti) / 1.4539 (904L), Hastelloy, Tantalum, Monel, Inconel and others available on request		

Above data table covers Rheonik standard program only.
All meters carry CSA and ATEX hazardous area approvals.

Please specify your special requirements. All standard versions comply with new European pressure directive PED.

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