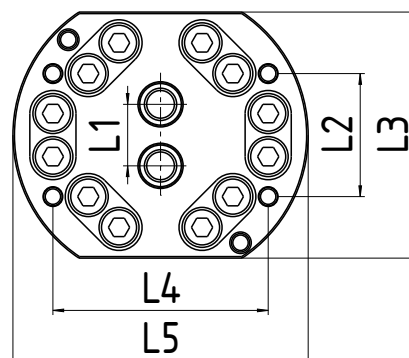
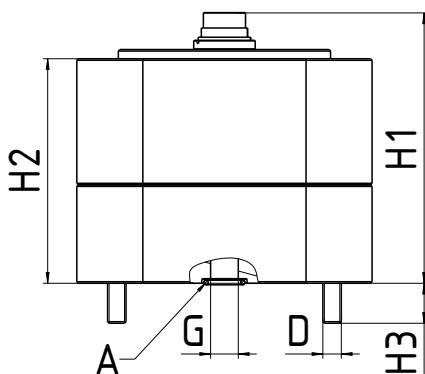


HySense® QG 200

HySense® QG 200 is our high-end solution in the area of gear flow meters. The series as a whole makes an undeniably compelling case with its high measuring accuracy, heavy-duty durability, an extremely wide measuring range, and flow direction detection. Moreover, the option to use manifold mounting or threaded connections on the side allows for flexible system integration.



Threaded connections on the side available upon request



General characteristics

Fluid	Fuels, hydraulic fluids, transmission fluids, brake fluid, Skydrol*
Flow range	0.005 ... 120 L/min*
Output signal	Frequency / 4 ... 20 mA**
Viscosity range	1 ... 120,000 mm ² /s (cSt)*
Measuring accuracy	Up to ±0.3% of reading
Fluid temperature	-20 ... 100 °C
Ambient temperature	-20 ... 85 °C
Top material	Stainless steel*
Center / base material	Stainless steel*
Seal material	FKM / EPDM*
Electrical measuring connector	6-pin M16 x 0.75* circular connector
IP degree of protection	IP67 (DIN EN 60529)
Mechanical connection	Manifold mounting / threaded connection on the side

* More available upon request

** For 4 ... 20 mA, HySense® SC 100 required

Flow rate	Measuring range	Max. Operating pressure	D	H1	H3	L1	L2	L3	L4	L5	Weight
	L/min	bar	DIN 13-1	mm	mm	mm	mm	mm	mm	mm	g
2 L/min	0.005 ... 2	450	M6	89	15	20	40	80	70	96	Approx. 3180
10 L/min	0.01 ... 10		M6	89	15	20	40	80	70	96	Approx. 3180
40 L/min	0.03 ... 40		M8	90	24	34	38	90	80	110	Approx. 4235
120 L/min	0.2 ... 120		M8	119	22	34	72	100	84	142	Approx. 9223

Part No. 3WUX-YY-PV.ZZZ

Chemical compatibility

W = 1 Hydraulic fluids, transmission fluids

A Skydrol (available starting mid-2020)

Measuring accuracy

X = 0 Measuring accuracy: $\pm 0.5\%$ of reading

A Measuring accuracy: $\pm 0.3\%$ of reading

Measuring accuracy / Flow range

YY = 01 (0.5%) 0.005 ... 2 L/min / (0.3%) 0.02 ... 2 L/min

03 (0.5%) 0.01 ... 10 L/min / (0.3%) 0.1 ... 10 L/min

05 (0.5%) 0.03 ... 40 L/min / (0.3%) 0.2 ... 40 L/min

07 (0.5%) 0.2 ... 120 L/min / (0.3%) 1 ... 120 L/min

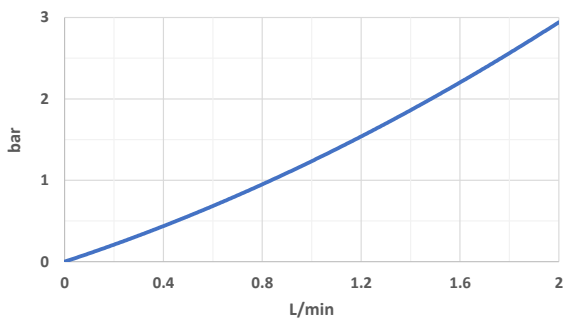
Calibration viscosity

W = 1 → 30 mm²/s: **ZZZ = 030**

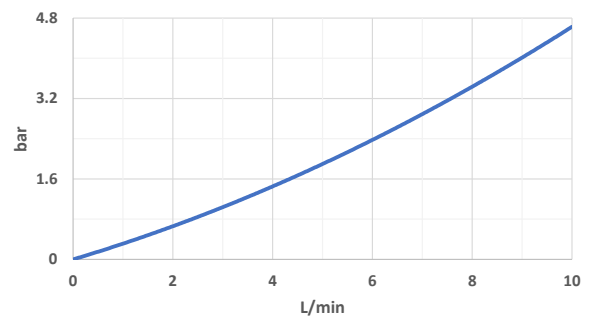
W = A → 11 mm²/s: **ZZZ = 011**

Pressure differential at 30 mm²/s

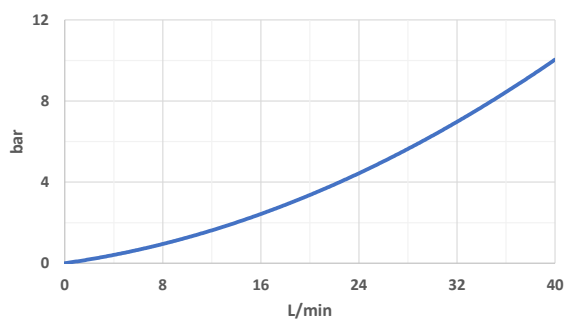
2 L/min



10 L/min



40 L/min



120 L/min

