

OIL FLOW METERS VZO 15-50 CLASSIC



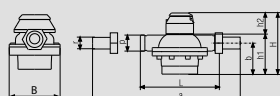
	WITHOUT PULSE REED	WITH PULSE REED
	CODE	CODE
VZO-155	920411	920412
VZO-220	920417	920418
VZO-225	920517	920518
VZO-440	920014	920118
VZO-550	920017	920214

MODEL			VZO 155	VZO 220	VZO 225	VZO 440	VZO 550
NOMINAL DIAMETER		DN (mm) Inch	3/4"	1"	1 1/4"	2"	50
INSTALLATION LENGTH		mm	165	165	190	300	350
NOMINAL PRESSURE WITH THREADED ENDS WITH FLANGES		PN PN BAR BAR	16 25,40				
MAXIMUM TEMPERATURE		TMAX °C	130, 180				
MAXIMUM FLOW RATE	Qmax1) Qnom1) Qmin	l/h	600	1.500	3.000	9.000	30.000
NOMINAL FLOW RATE		l/h	400	1.000	2.000	6.000	20.000
MINIMAL FLOW RATE		l/h	10 ⁴⁾	30	75	225	750
APPROX. STARTING FLOW RATE		l/h	4	12	30	90	300
MAX. PERMISSIBLE ERROR REPEATABILITY			± 1 % of actual value ± 0,2 %				
SAFETY FILTER MESH SIZE		mm	0,400	0,400	0,400	0,800	0,800
DIRT FILTER MESH SIZE		mm	0,250	0,400	0,400	0,600	0,600
VOLUME OF THE MEASURING CHAMBER		Approx. CM ³	12	36	100	330	1200
HOUSING FINISH			enamelled direct RAL 9013				
WEIGHT WITH THREADED ENDS ²⁾		Approx. KG	2,2	2,5	4,2	17,3	-
WITH FLANGES PN 25		Approx. KG	3,8	4,5	7,5	20,3	41,0
WITH FLANGES PN 40		Approx. KG	4,4	5,5	7,8	20,5	42,0
SMALLEST READABLE AMOUNT		l	0,011	0,11	0,11	0,11	1
REGISTRATION CAPACITY		m ³	1000	10.000	10.000	10.000	100.000
PULSE VALUES OF PULSERS:		l/pulses l/pulses l/pulses	0,011 0,11 1	0,011 1 -	0,11 1 -	0,11 1 -	1 10 100
IN INDUCTIVE ACCORDING TO IEC 60947-5-6 II							
RV REED							
RV REED							
PULSE FREQUENCY	Qmax	HZ	16,667	41,667	8,333	25,000	8,333
	Qmax	HZ	0,278	0,833	0,208	0,625	0,208

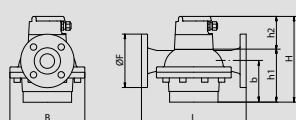
¹⁾ For burners and engines or motors, the meter must be selected on the basis of the permanent flow rate. For higher viscosities, or if the meter is installed on the suction side, the pressure drop and any reduction in the measuring range must also be taken into consideration.

²⁾ Weight without couplings.

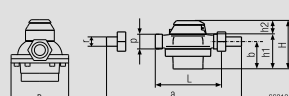
DN 15, 20, 25: with threaded ends (ISO 228-1)



DN 15, 20, 25: with flanges (DIN 2501/SN 21843)



DN 40: with threaded ends (ISO 228-1)



DN 40, 50: with flanges (DIN 2501/SN 21843)

