

# OIL FLOW METERS VZO 15-50 CLASSIC



	WITHOUT PULSE REED	WITH PULSE REED
	CODE	CODE
VZO - 15	92041	92042
VZO - 20	92047	92048
VZO - 25	92057	92058
VZO - 40	92004	92018
VZO - 50	92007	92024

MODEL			VZO 15	VZO 20	VZO 25	VZO 40	VZO 50
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 l/h l/h l/h	600	1.500	3.000	9.000	30.000
NOMINAL FLOW RATE			400	1.000	2.000	6.000	20.000
MINIMAL FLOW RATE			10 <sup>4</sup> )	30	75	225	750
APPROX. STARTING FLOW RATE			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 <sup>3</sup>	12	36	100	330	1200
HOUSING FINISH			enamelled red RAL 3013				
WEIGHT WITH THREADED ENDS <sup>2)</sup>		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 m <sup>3</sup>	0,01	0,1	0,1	0,1	1
REGISTRATION CAPACITY			1000	10.000	10.000	10.000	100.000
PULSE VALUES OF PULSERS: IN INDUCTIVE ACCORDING TO IEC 60947-5-6 I		l/pulsos l/pulsos l/pulsos	0,01	0,01	0,1	0,1	1
RV REED			0,1	1	1	1	10
RV REED			1	-	-	-	100
PULSE FREQUENCY IN	Qmax	HZ HZ	16.667	41.667	8.333	25.000	8.333
	Qmax		0,278	0,833	0,208	0,625	0,208

<sup>1)</sup> 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.

<sup>2)</sup> Weight without couplings.

