

WP- Dynamic

Contor de apa cu turbina
Pentru apa rece pina la 50°C/PN16
DN 40 ... DN 400



Caracteristici specifice

Mecanism numerator inchis ermetic (IP 68)
Turbina echilibrata hidrodinamic (mai mic sau egal 300)
Sistem de reglaj simetric patentat
Mecanismul numerator poate fi rotit complet 350°
Capacitate de supraincarcare mare
probare de model pentru elementele
de masura demontabile
Mantaua pentru praf acorda protectie
maxima impotriva coroziiunii
Nu este afectat de campurile magnetice externe

Aplicatii

Masurarea debitelor inalte si relative constante, e.g. in spatele pompelor

Optiuni

Pot fi montate pina la 3 contacte REED (1xOD, 2xRD) fara a rupe sigiliul contorului
Se pot monta teci de legatura 1/4" pentru senzorii de presiune la cerere
Poate fi echipat cu 3 mecanisme numaratoare electronice diferite



HIBRID



ELECTRONIC



ENCODER

Contor de apa rece cu presiune nominala PN40

va rugam sa vedeti pliantele speciale

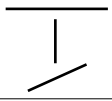
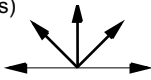
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FLUID GROUP HAGEN

Marcaje aprobate

D95	Diametru nominal DN 40 ... DN 400
6.132.36	Clasa metrologica B 30 °C

Instalare

Teava	orizontal vertical inclinat	
Meter head	vertical(direct in sus) lateral	

Conditii de instalare

Tronson de conducta dreapta in amonte de contor 3 x DN

Tronson de conducta dreapta in aval de contor nelimitat

Date Tehnice

Date tehnice WP-Dynamic 50 °C

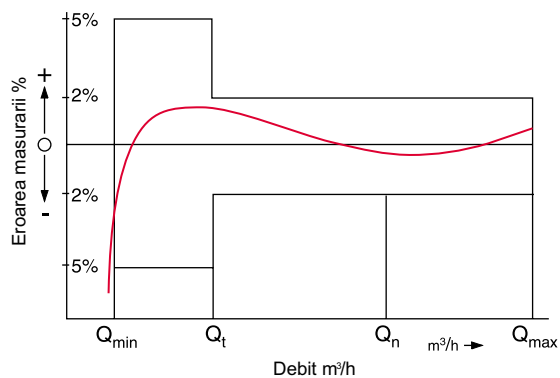
Diametru.nominal		DN	40	50	65	80	100	125	150	200	250	300	400
Diametru.nominal(acc. to EEC)		Q_n	10	15	25	40	60	100	150	250	400	600	1000
Q_{max}	maximum peak flow once in life time 24 h Q_{max} or 5 min. $1.2 \times Q_{max}$ ($\pm 2\%$)	m^3/h	60	90	120	200	300	350	600	1200	1600	2000	3000
Q_n	continuous flow ($\pm 2\%$)	m^3/h	40	50	70	120	230	250	450	800	1250	1400	2000
Q_t	transitional flow ($\pm 2\%$)	m^3/h	0.8	0.7	0.8	0.8	1.8	2.0	4.0	6.0	11.0	15.0	50
Q_{min}	minimum flow ($\pm 5\%$)	m^3/h	0.30	0.30	0.40	0.50	0.80	1.00	1.8	4.0	6.0	12.0	25
	starting flow	m^3/h	0.15	0.15	0.20	0.25	0.25	0.5	1.0	1.5	3.0	8.0	15

Date tehnice in conformitate cu EEC-tipic clasei B 30°C

Diametru.nominal		DN	40	50	65	80	100	125	150	200	250	300	400
Debit nominal(in conf. cuEEC)		Q_n	10	15	25	40	60	100	150	250	400	600	1000
Q_{max}	Debit maxim Timp scurt ($\pm 2\%$)	m^3/h	30	30	50	80	120	200	300	500	800	1200	2000
Q_n	Debit nominal ($\pm 2\%$)	m^3/h	15	15	25	40	60	100	150	250	400	600	1000
Q_t	Debit de trecere ($\pm 2\%$)	m^3/h	3.0	3.0	5.0	8.0	12.0	20.0	30	50	80	120	200
Q_{min}	Debit minim ($\pm 5\%$)	m^3/h	0.45	0.45	0.75	1.20	1.80	3.00	4.5	7.5	12.0	18.0	30

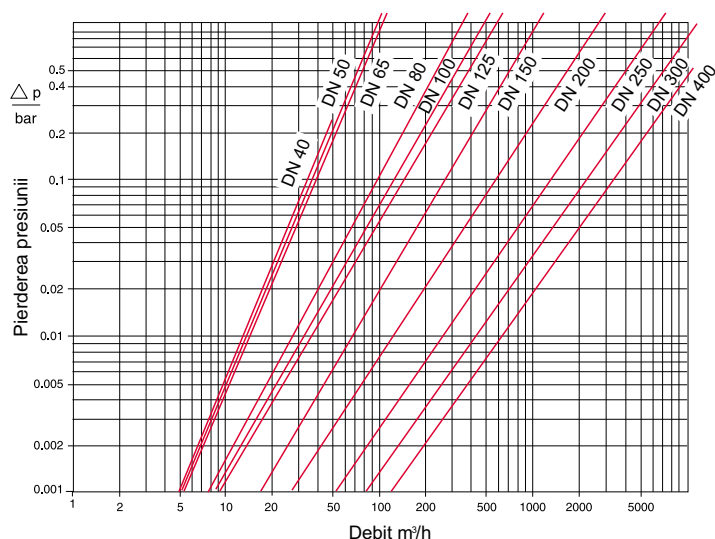
WP-Dynamic pentru apa rece

Curba tipica a erorilor



Q_{max} = maximum peak flow
 Q_n = continuous flow
 Q_t = transitional flow $\pm 2\%$
 Q_{min} = minimum flow $\pm 5\%$

Diagrama pierderilor de presiune

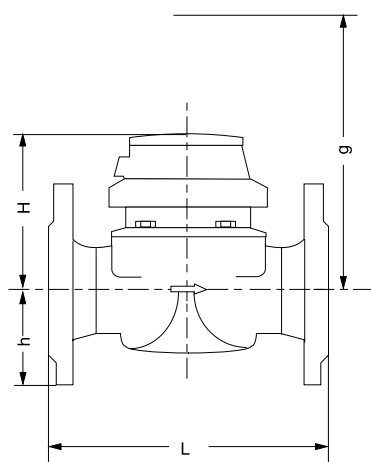


Dimensiuni de gabarit si greutati

Diametru.nominal		DN	40	50	65	80	80	100	125	150	200	250	300	400	
Debit nominal (in conf. cuEEC)		Q_n	10	15	25	40	40	60	100	150	250	400	600	1000	
Dimensiuni	lungime totala L *)	mm	220	200	200	200	225	250	250	300	350	450	500	500	
	Inaltime	H	mm	120	120	120	150	150	150	160	177	206	231	256	380
		h	mm	69	73	85	95	95	105	118	135	162	194	226	295
		g	mm	200	200	200	270	270	270	280	356	441	466	491	785
greutati	contor	kg	7.4	7.7	10.0	13.6	14.0	18.0	20.5	35.5	50.5	72.3	99.3	187	
	mecanism de masurare	kg	1.4	1.4	1.4	3.0	3.0	3.0	3.0	5.5	7.5	7.5	7.5	25	
	carcasa	kg	6.0	6.3	8.6	10.6	11.0	15.0	17.5	30.0	43.0	63.8	91.8	162	

*) alte lungimi totale la cerere

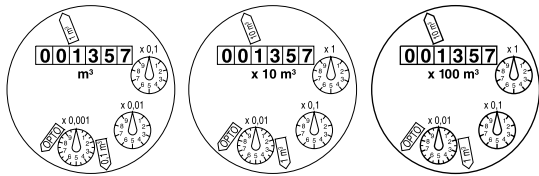
Dimensiuni de gabarit



Materiale

Carcasa	PN16	fonta
Element de masurare		plastic
Rotot		plastic
Deasemenea mai folosim urmatoarele materiale		lama, otel inoxidabil

Cadrane





DN 40 ... DN 125

DN 150 ... DN 300

DN 400

Diametru nominal DN	Cea mai mica citire m ³	Citire maxima m ³
50 ... 125	0.0005	1 000 000
150 ... 300	0.005	10 000 000
400	0.05	100 000 000

Valorile impulsului

Pulsor		DN 40 ... DN 125	valoarea impulsului DN 150 ... DN 300	DN 400
RD 01		0.1 si 1 m ³ alternativ 0.01 and 1 m ³	1 si 10 m ³ alternativ 0.1 and 10 m ³	10 si 100 m ³
OD 01		0.001 m ³	0.01 m ³	0.1 m ³
OD 03		0.01 m ³	0.1 m ³	1 m ³