

figure	227
ends form	flanged straight

ZETKAMA

CONTROL VALVE



body material	nominal pressure	nominal diameter	max. temperature
A grey cast iron	C 16 bar	DN 15-80	200°C

CE

correspond to the pressure equipment directive 97/23/EC
marking CE for DN≥32

FEATURES

- compact settlement
- environment-friendly
- easy to handle
- precision spindle guide
- flow characteristic - equal percentage
- positioning ratio 50:1
- flanges drilled according to EN 1092-1 for body material F
- face-to-face dimension according to EN 558-1 series 1

APPLICATION

- water and steam
- heating and air-conditioning

Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

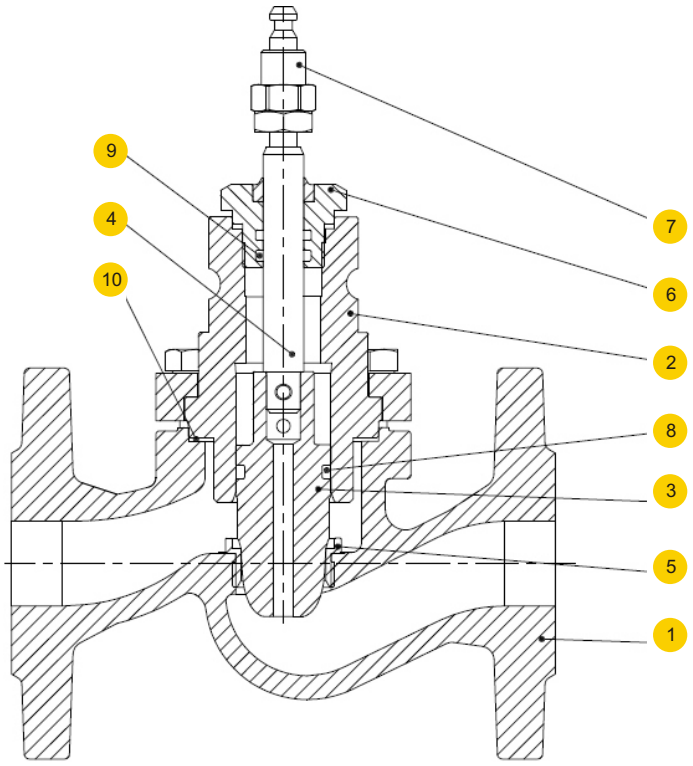
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl



figure	227
ends form	flanged straight

ZETKAMA

MATERIALS



	body material	A	
	type	80	81
1	body	EN – GJL-250 5.1301 (ex.JL1040)	
2	bonnet	X20Cr13 1.4021	
3	disc	X20Cr13 1.4021	
4	stem	X20Cr13 1.4021	
5	seat ring	X20Cr13 1.4021	
6	bonnet nut	CuZn40Pb2	X20Cr13 1.4021
7	fastener	CuZn40Pb2	
8	disc seat ring	EPDM	Turcon T40
9	stem gasket	EPDM	Turcon T40
10	bonnet gasket	graphite CrNiSt	
11	electric motor	Belimo	
max. temperature		150°C	200°C

Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

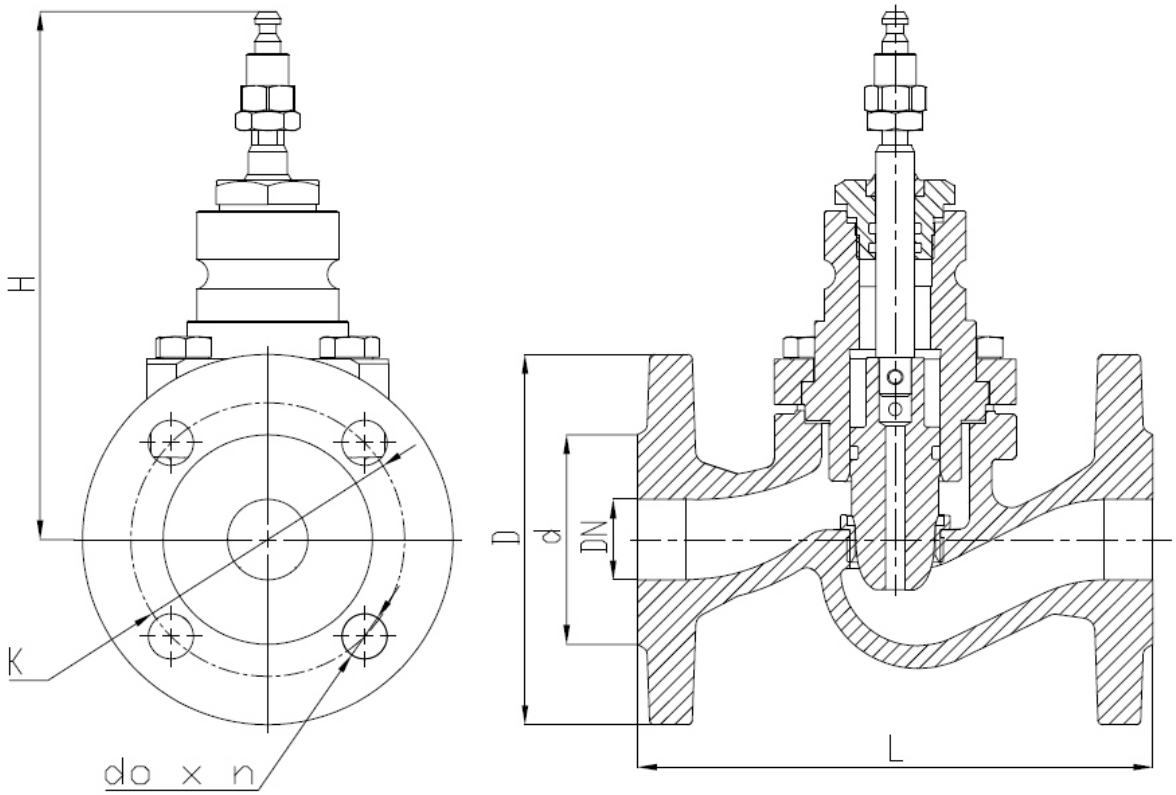
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl



figure	227
ends form	flanged straight

ZETKAMA

DIMENSIONS



DN	D	d	K	L	H	do x n	Kvs	
mm							m3/h	kg
15	95	46	65	130	158	4x14	4,0	4,3
20	105	56	75	150	161	4x14	6,3	4,9
25	115	65	85	160	164	4x14	10,0	5,8
32	140	76	100	180	173	4x19	16,0	7,6
40	150	84	110	200	182	4x19	25	11,0
50	165	99	125	230	190	4x19	40	13,2
65	185	118	145	290	212	4x19	63	18,3
80	200	132	160	310	224	8x19	100	24,6

Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

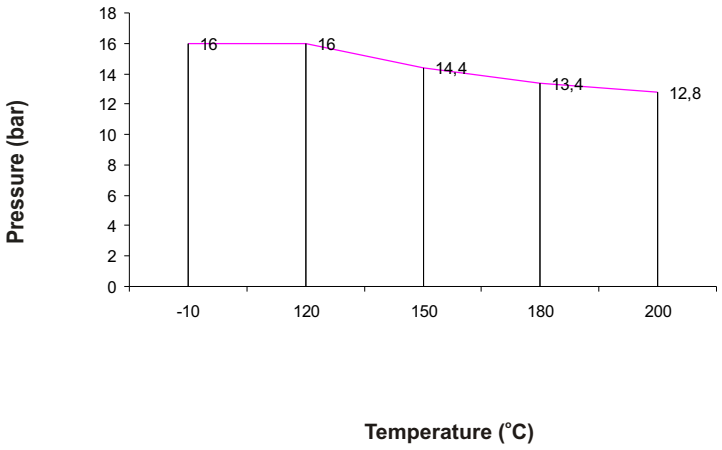
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl



figure	227
ends form	flanged straight

ZETKAMA

PRESSURE-TEMPERATURE RATINGS



Allowed working conditions range
PN 16 EN-GJL-250

Data given can be changed without notice.

Edition 10/2012

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

e-mail marketing@zetkama.com.pl
www.zetkama.com.pl



figure	227
ends form	flanged straight

ZETKAMA

ELECTRIC MOTOR

technical data of electric motor BELIMO NV24-3 (NV 230-3)	
motor voltage	24C; 220V; F=50...60Hz
nominal force	800N
time	150s
travel	20 mm+1mm
power input	3W (6W)
protection	IP 54
ambient temperature	0...+50 ℃
manual adjustment	tak/ *yes*
weight	1,5 kg

REGADA ACTUATOR ON-OFF TYP ST 0 490.0-0HEAX/00

technical data of actuator	
motor voltage	230 V AC
nominal force	1600N
switching speed	20mm/min
travel	20 mm+1mm
power input	2.75 W
protection	IP 54
ambient temperature	0...+55 ℃
manual adjustment	Yes

REGADA ACTUATOR TYP ST 0PA 430.1-0HJGX/AD

technical data of actuator	
motor voltage	230 V AC
nominal force	1280N
switching speed	20mm/min
travel	10-28 mm programmable
power input	3 W
protection	IP 67
ambient temperature	0...+55 ℃
manual adjustment	yes
adjustment	-signal 4-20 mA -Sygnał odwzorowania 4-20 ma - passive

Data given can be changed without notice. **Edition 10/2012**

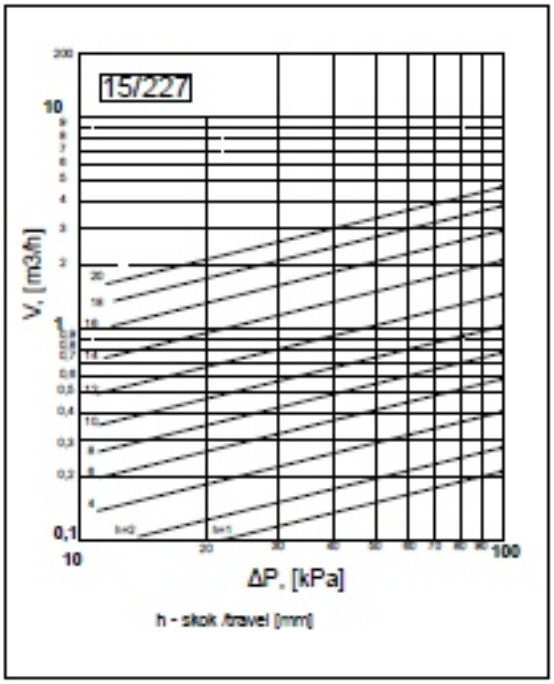
ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

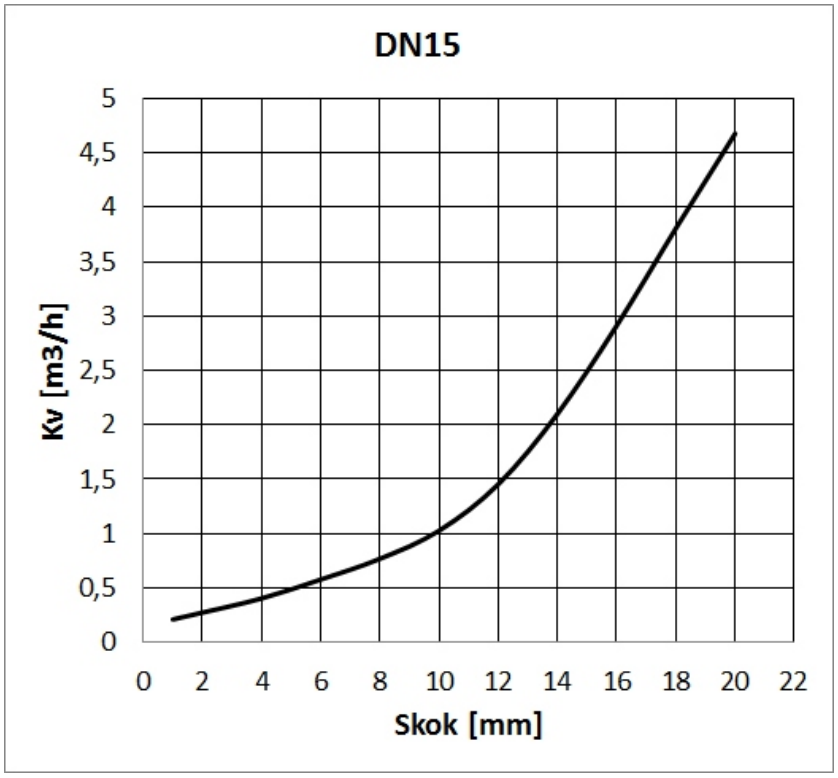
tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 15





Data given can be changed without notice. **Edition 10/2012**

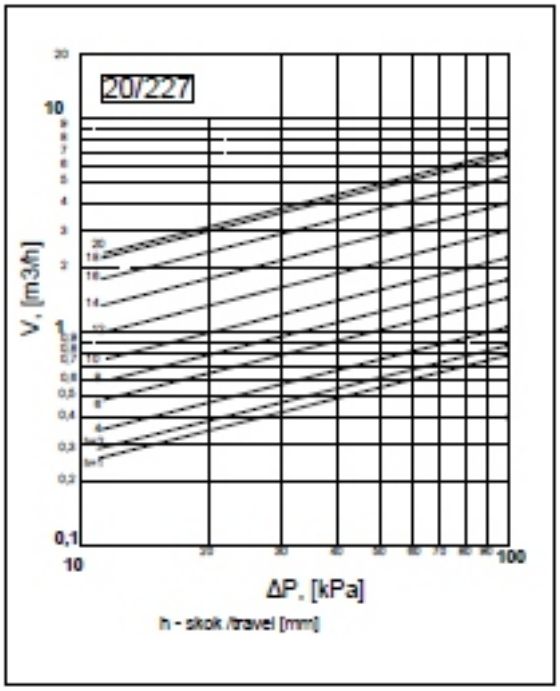
ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia
tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

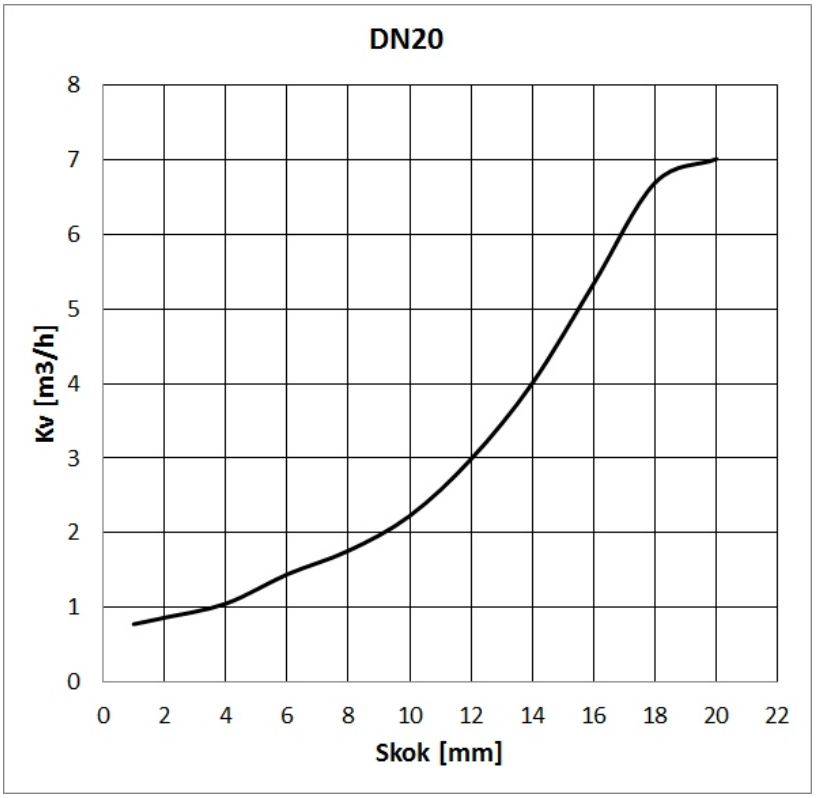


figure	227
ends form	flanged straight

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 20





Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

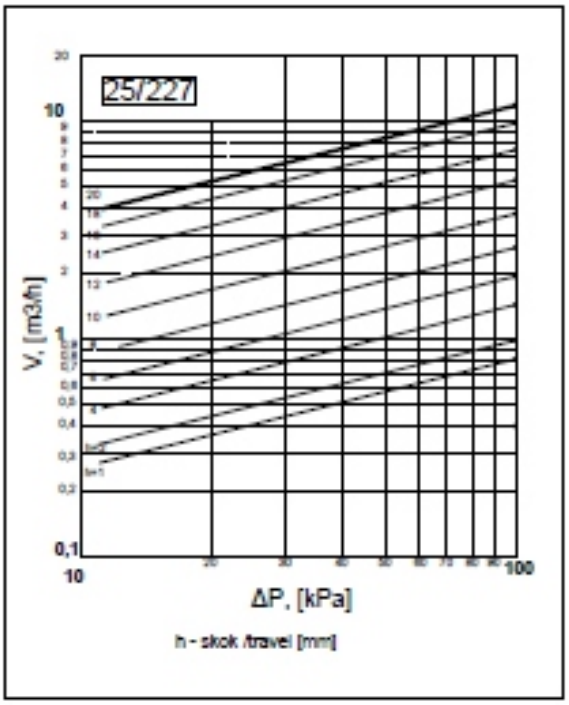
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

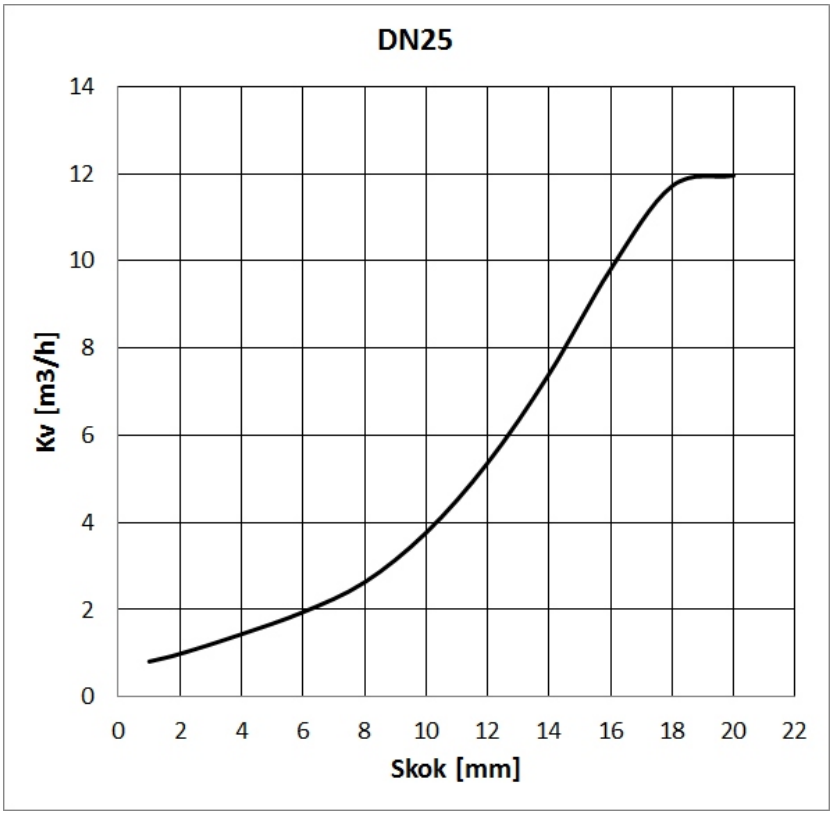


figure	227
ends form	flanged straight

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 25





Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

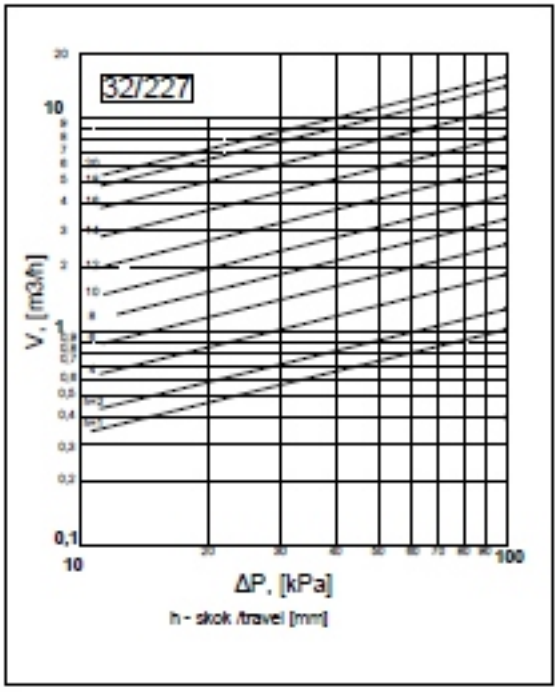
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

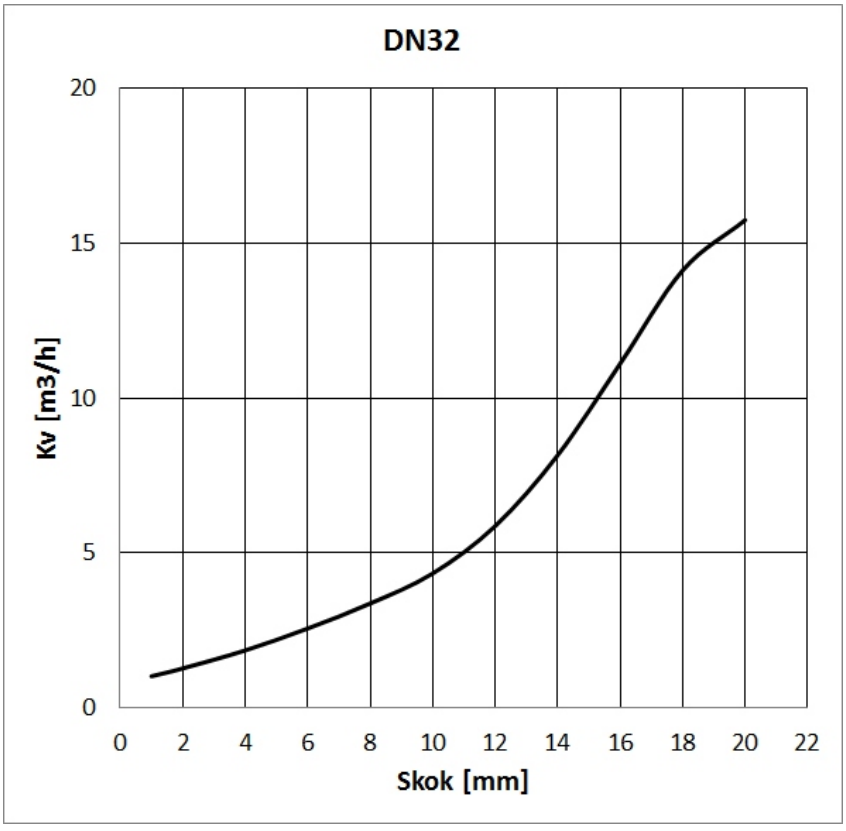


figure	227
ends form	flanged straight

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 32





Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

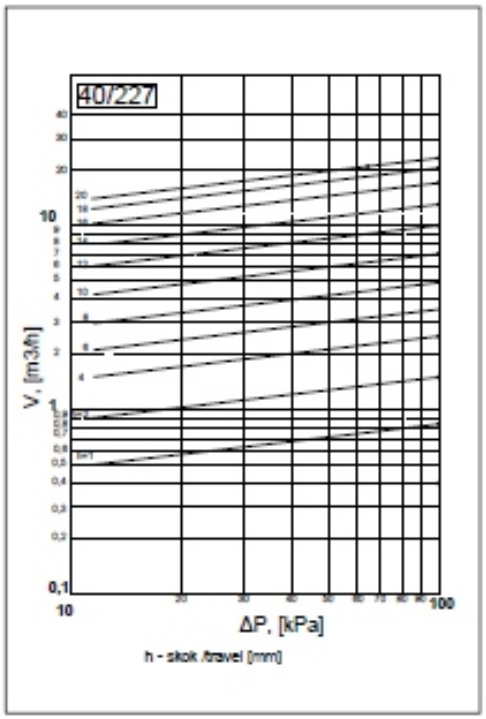
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

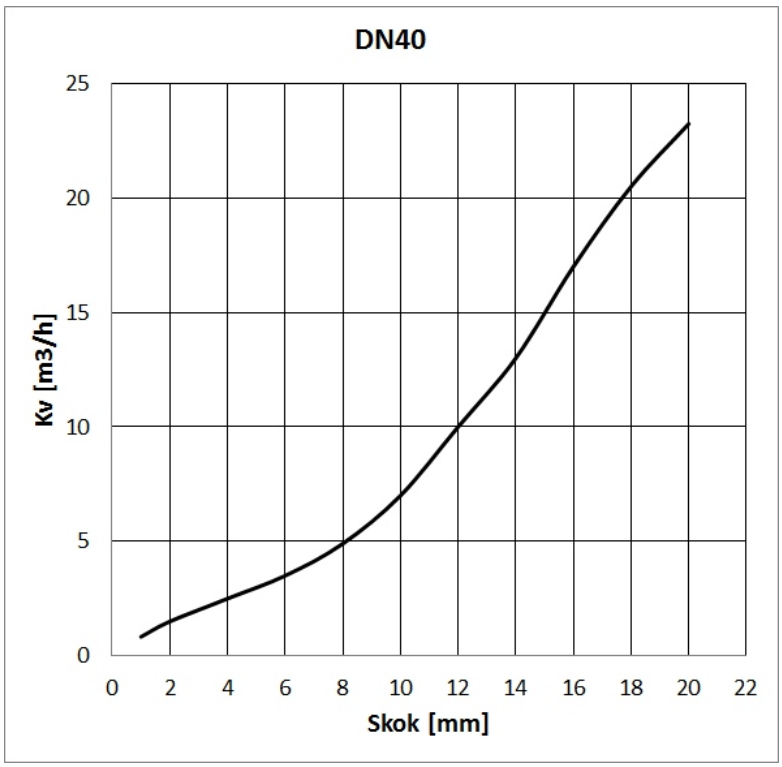


figure	227
ends form	flanged straight

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 40





Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

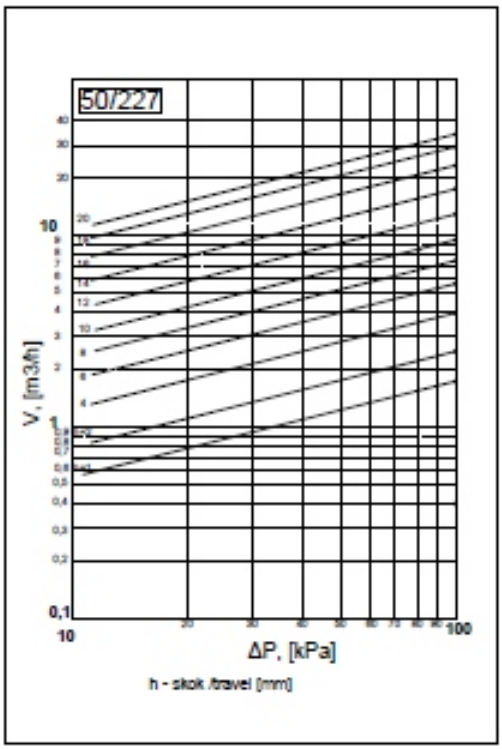
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

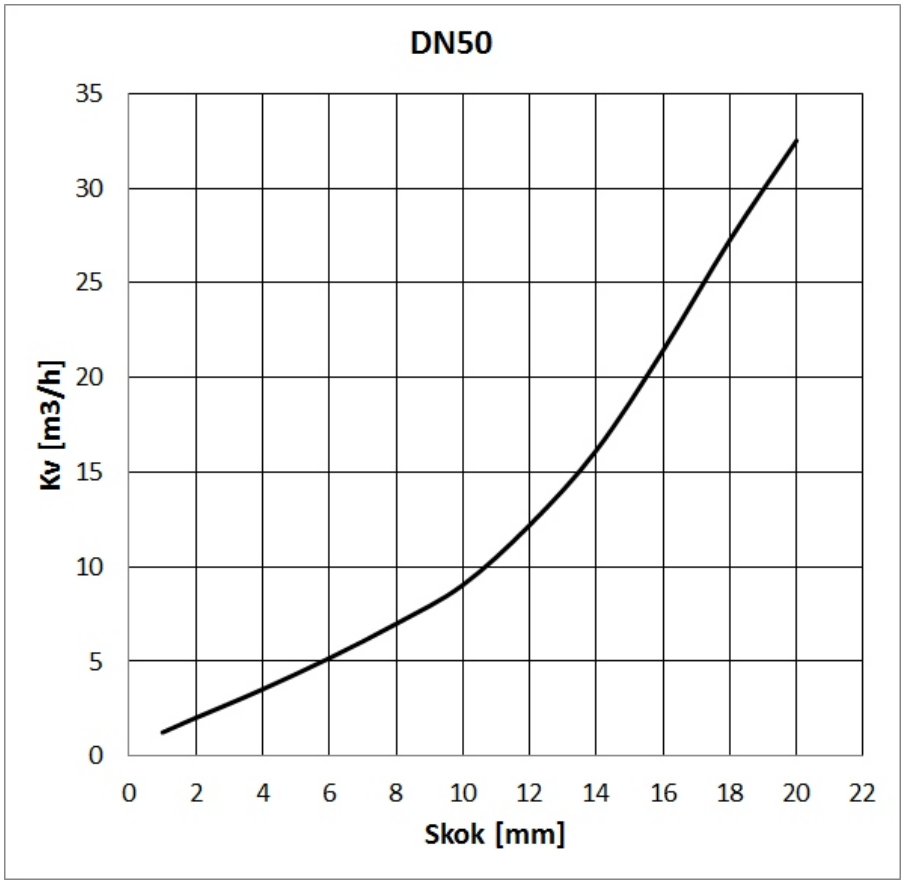


figure	227
ends form	flanged straight

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 50





Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

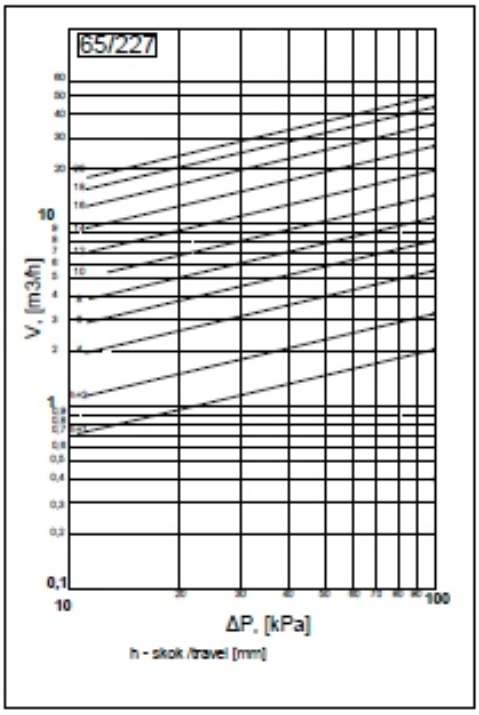
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

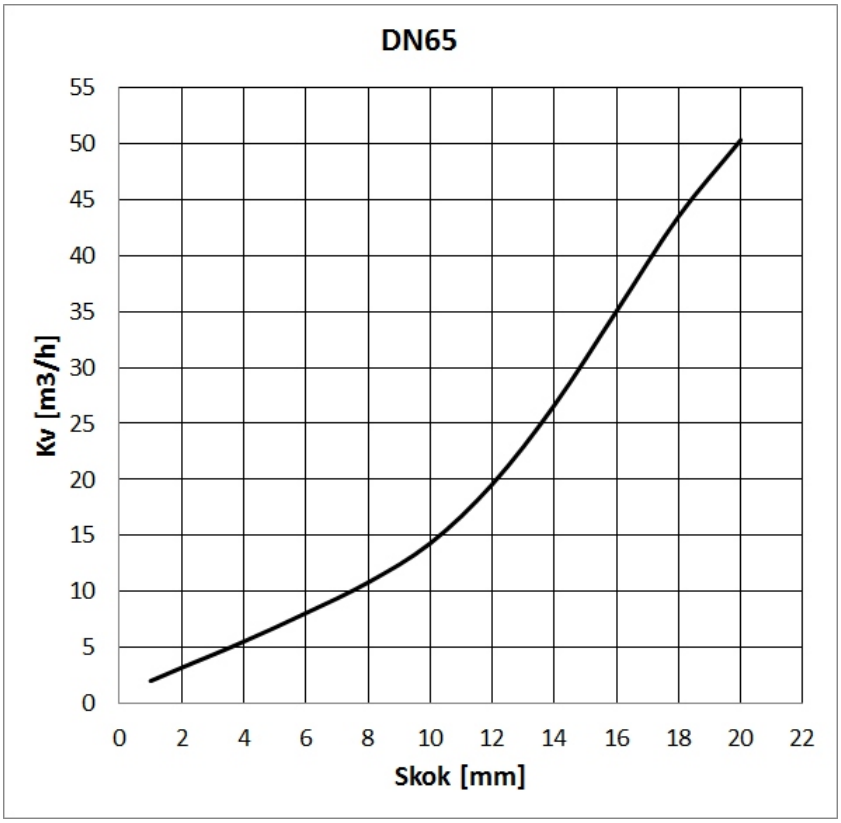


figure	227
ends form	flanged straight

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 65





Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

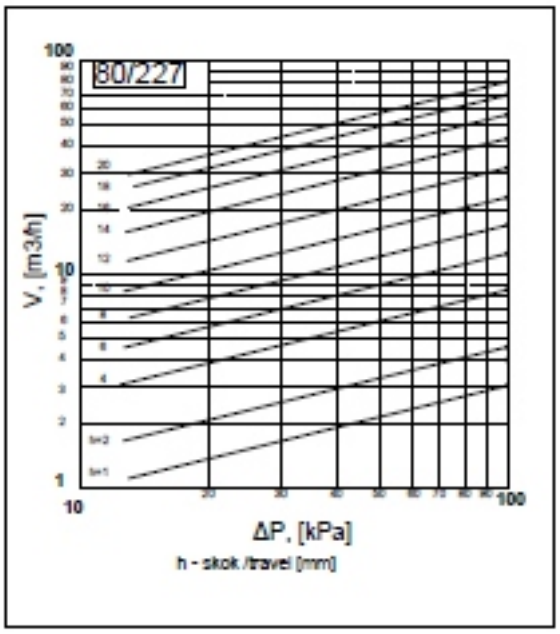
e-mail marketing@zetkama.com.pl
www.zetkama.com.pl

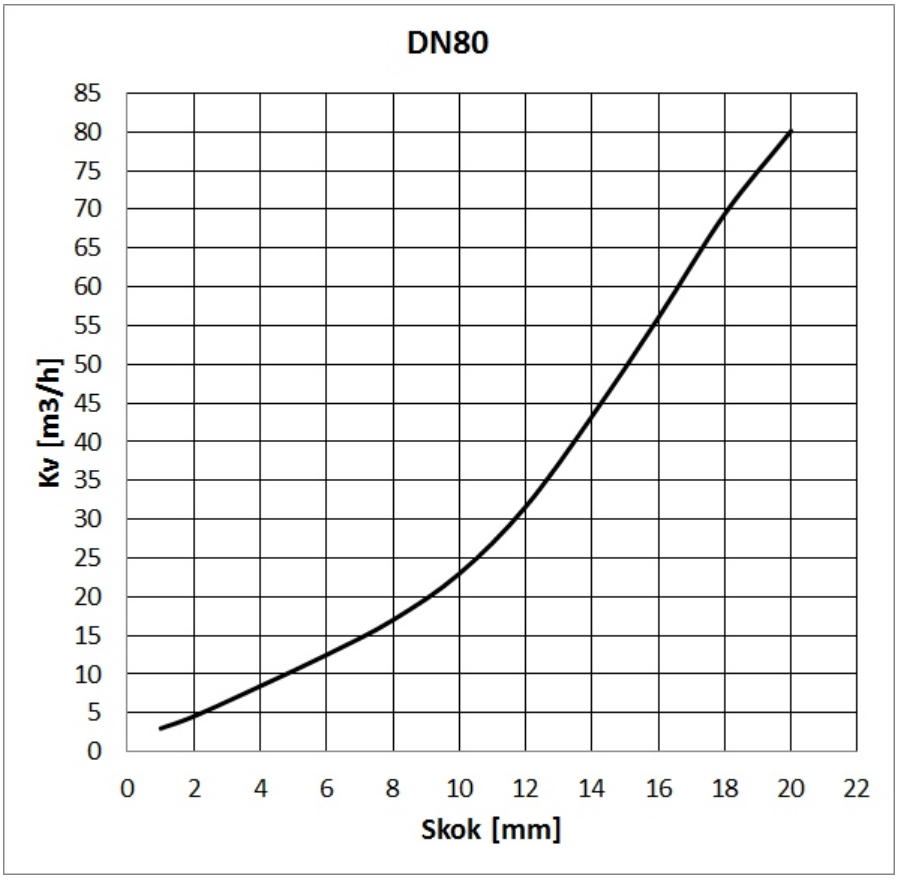


figure	227
ends form	flanged straight

ZETKAMA

HYDRAULIC CHARACTERISTICS DN 80





Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

e-mail marketing@zetkama.com.pl
www.zetkama.com.pl



figure	227
ends form	flanged straight

ZETKAMA

TYPES

figure	body material	nominal diameter DN	nominal pressure PN	type
227	A grey cast iron EN-GJL-250	15-80 mm	C 16bar	80-H Tmax 150 °C • stem and disc connection - pin • with electric actuator BELIMO stem, disc and seat ring - stainless steel
				81-H Tmax 200 °C • stem and disc connection - pin • with electric actuator BELIMO stem, disc and seat ring - stainless steel
				90 Tmax 150 °C • stem and disc connection - pin • under electric actuator 230V • stem, disc and seat ring - stainless steel
				91 Tmax 200 °C • stem and disc connection - pin • under electric actuator 230V • stem, disc and seat ring - stainless steel
				80-R Tmax 150 °C • stem and disc connection - pin • with electric actuator REGADA stem, disc and seat ring - stainless steel
				81-R Tmax 200 °C • stem and disc connection - pin • with electric actuator REGADA stem, disc and seat ring - stainless steel

ORDERING

To place an order please use our product number (index)

figure	body material	nominal diameter DN	nominal pressure PN	type
227	A	040	C	81

ORDER EXAMPLE 227 A 040 C 81

control valves, ends flanged, form straight	227
grey cast iron EN-GJL-250	A
nominal diameter DN40	040
nominal pressure PN16	C
stem and disc connection - pin • with electric actuator 230V • stem, disc and seat ring - stainless steel	81

Data given can be changed without notice. **Edition 10/2012**

ZETKAMA Spółka Akcyjna
ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

tel. +48 74 8652 174
tel. +48 74 8652 100
fax +48 74 8652 199

e-mail marketing@zetkama.com.pl
www.zetkama.com.pl