



figure

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## CONTROL VALVE



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



correspond to the pressure equipment directive 97/23/EC marking CE for DN $\geq$ 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

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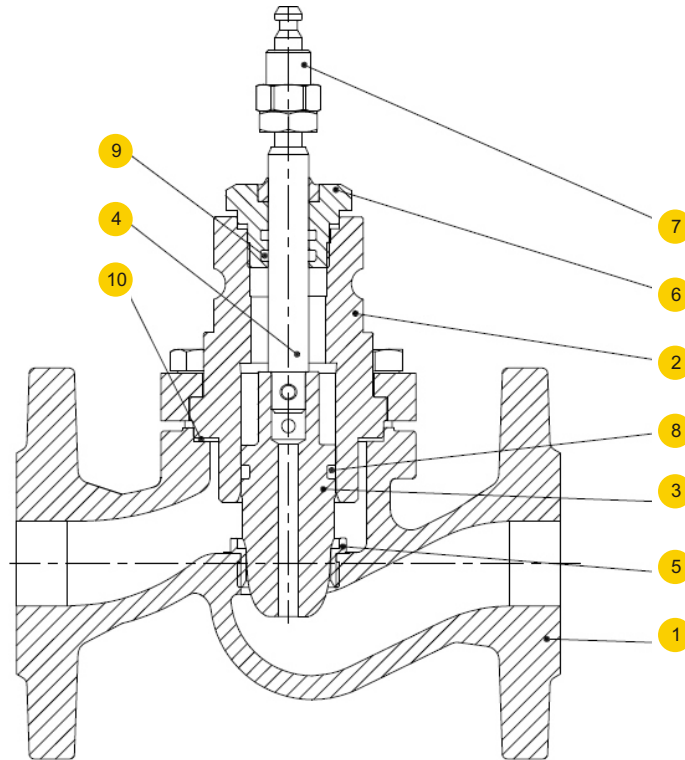
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## MATERIALS



body material		A	
type		80	81
1	body	EN – GJL-250 JL1040 <sup>1)</sup>	
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

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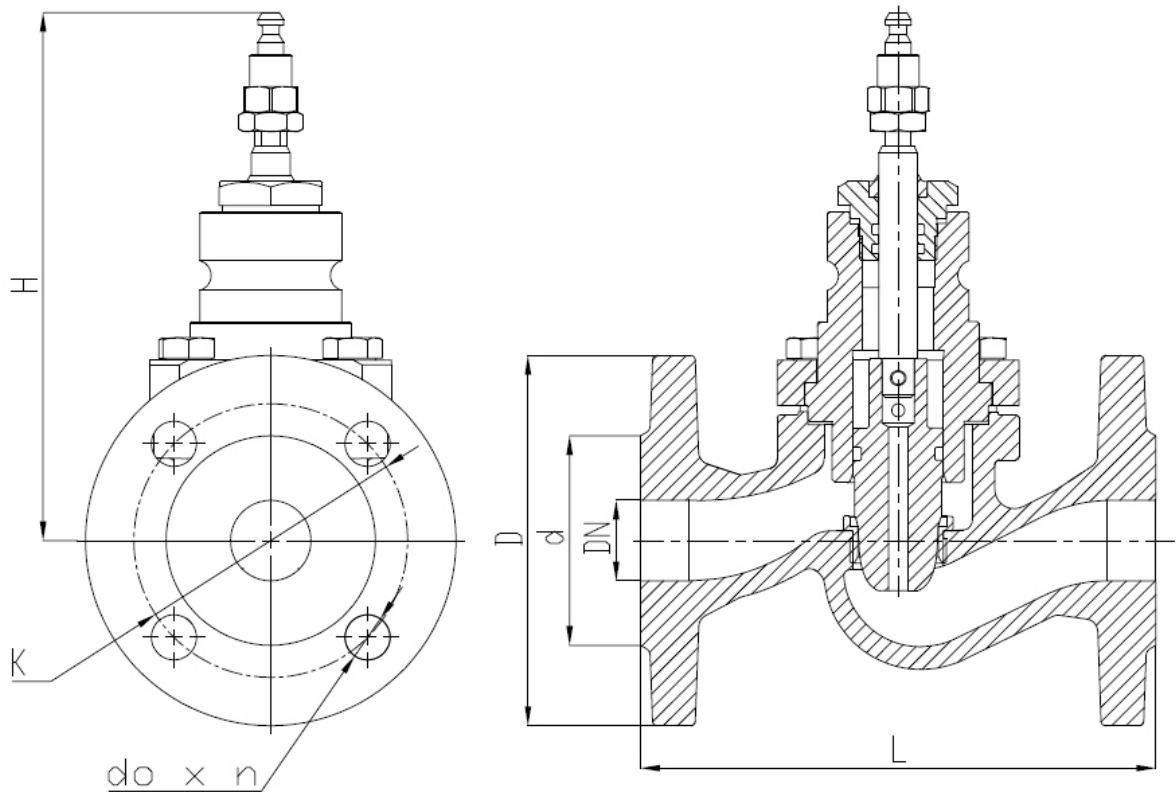
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## DIMENSIONS



DN	D	d	K	L	H	do x n	Kv	
mm							m <sup>3</sup> /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

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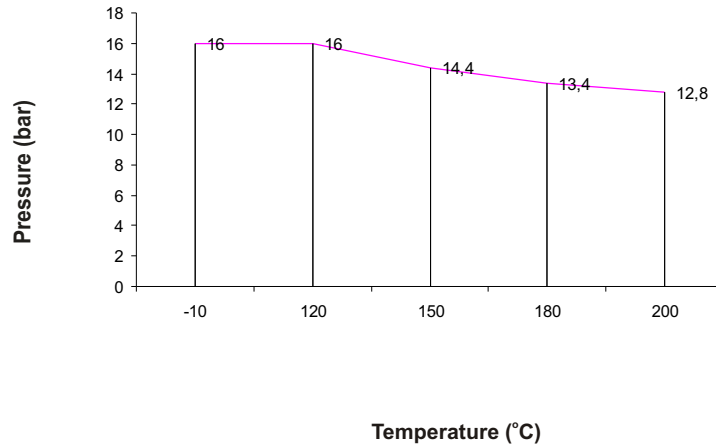
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## PRESSURE-TEMPERATURE RATINGS



Allowed working conditions range  
PN 16 EN-GJL-250



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## 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 °C
manual adjustment	tak/ <i>yes</i>
weight	1,5 kg



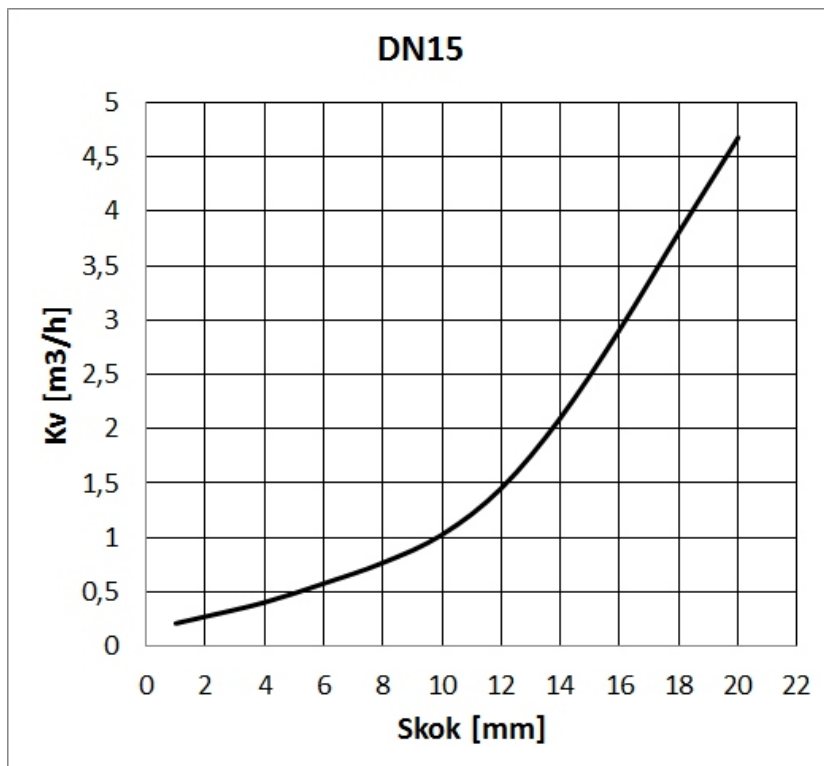
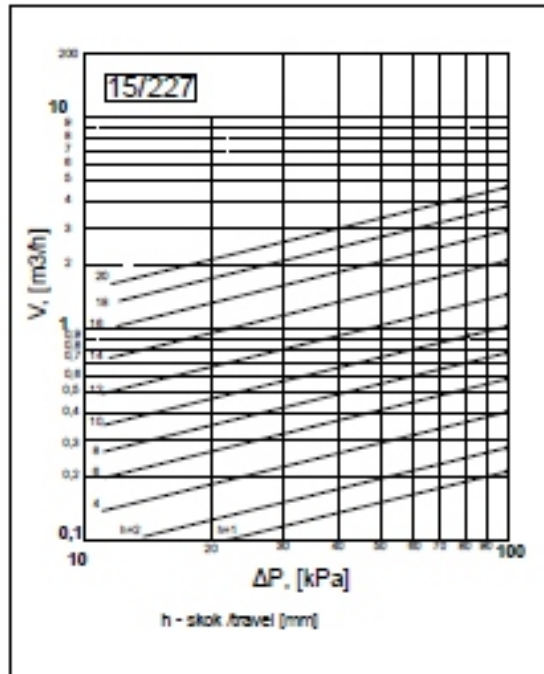
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**HYDRAULIC CHARACTERISTICS DN 15**



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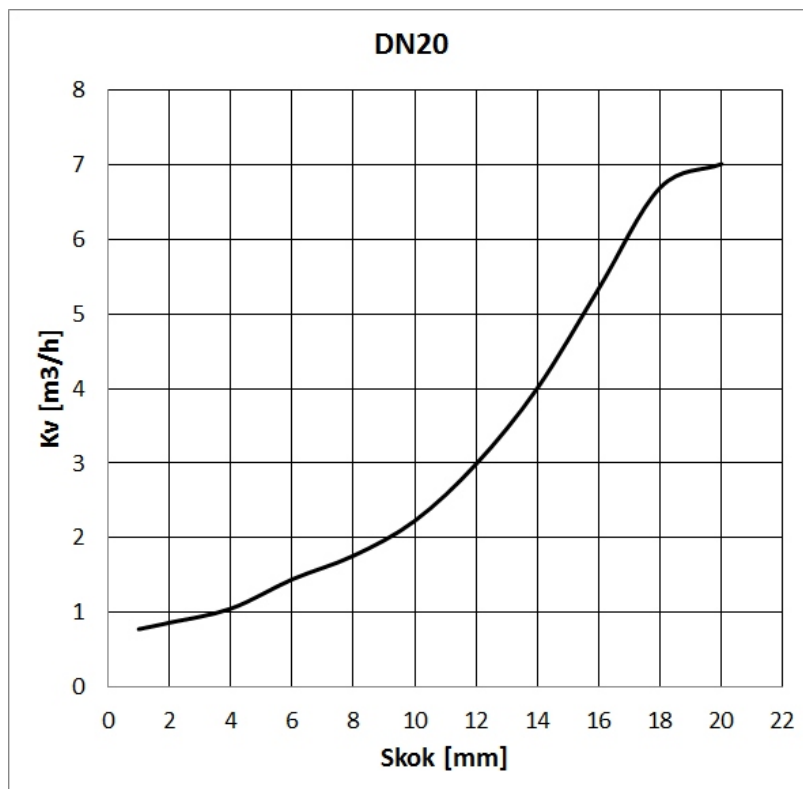
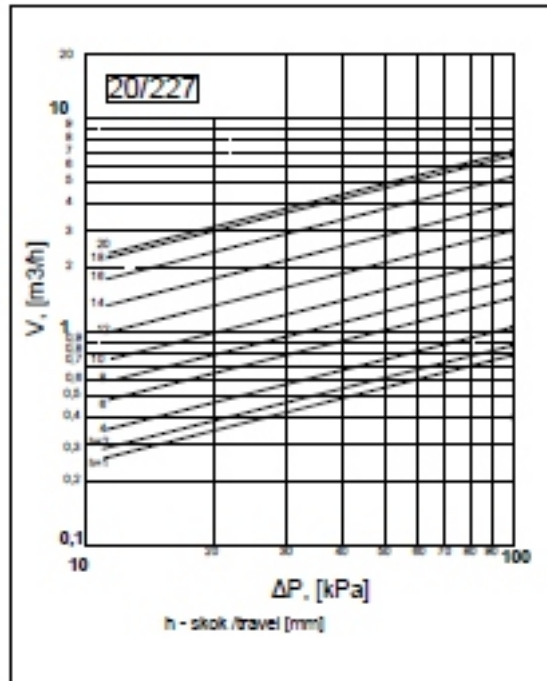
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## HYDRAULIC CHARACTERISTICS DN 20



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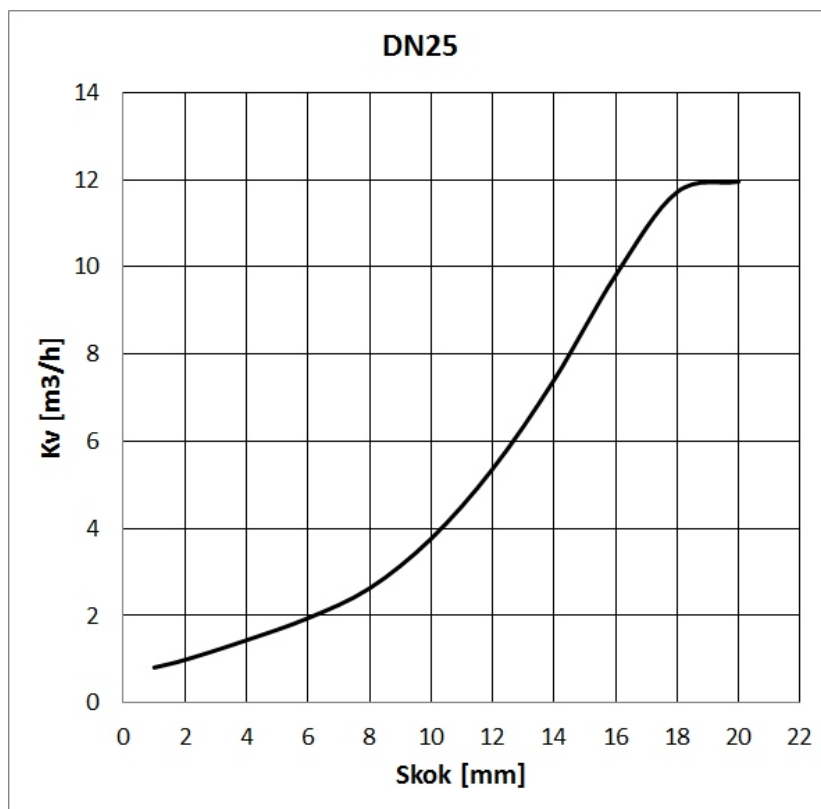
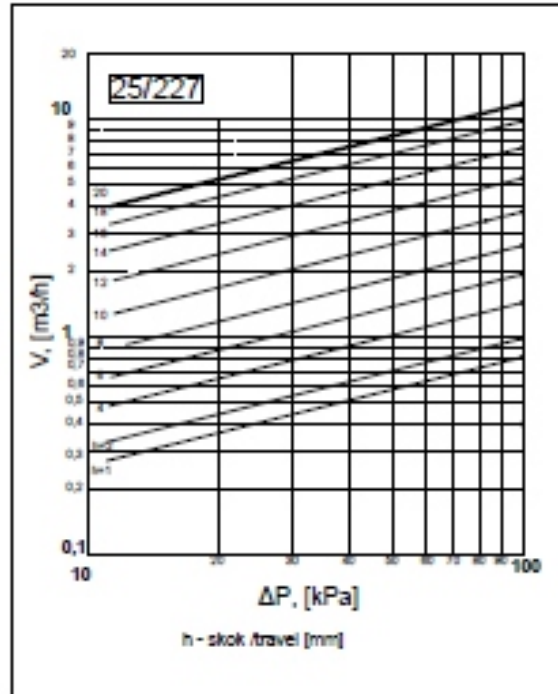
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**HYDRAULIC CHARACTERISTICS DN 25**



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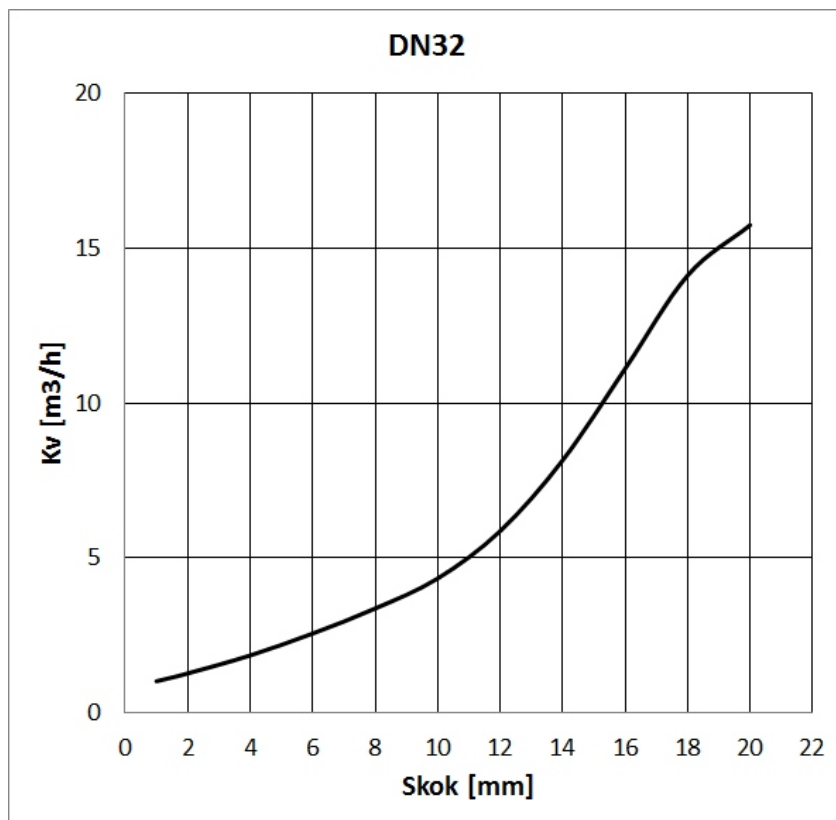
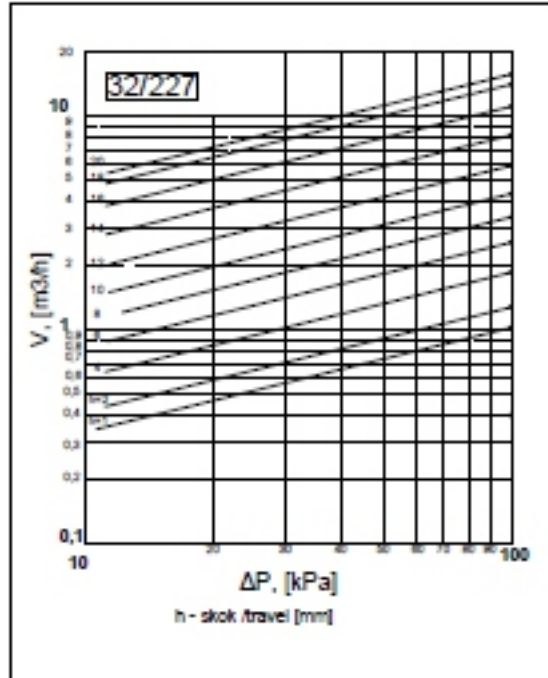
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**HYDRAULIC CHARACTERISTICS DN 32**



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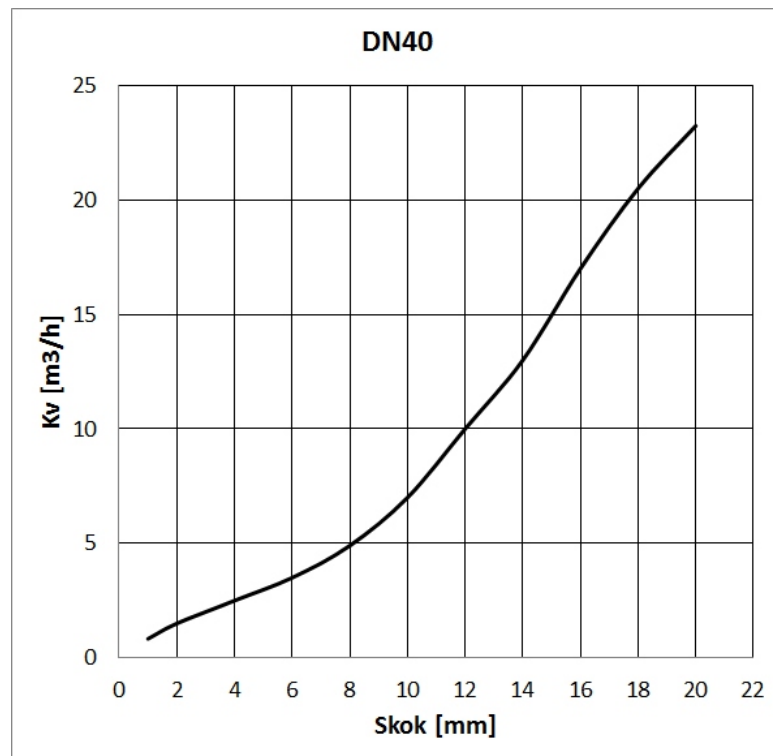
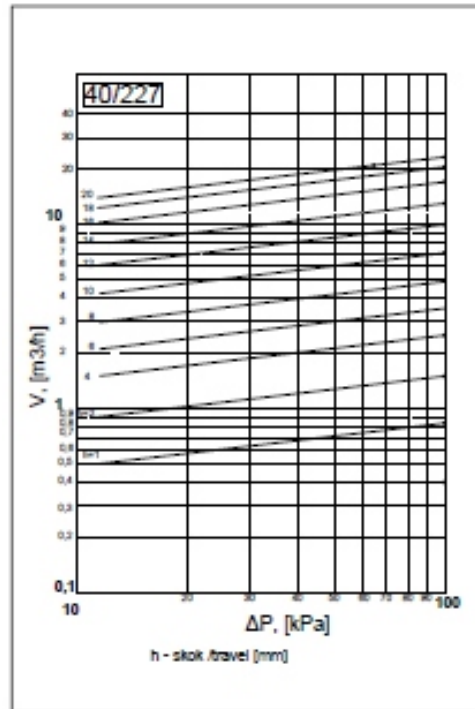
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## HYDRAULIC CHARACTERISTICS DN 40



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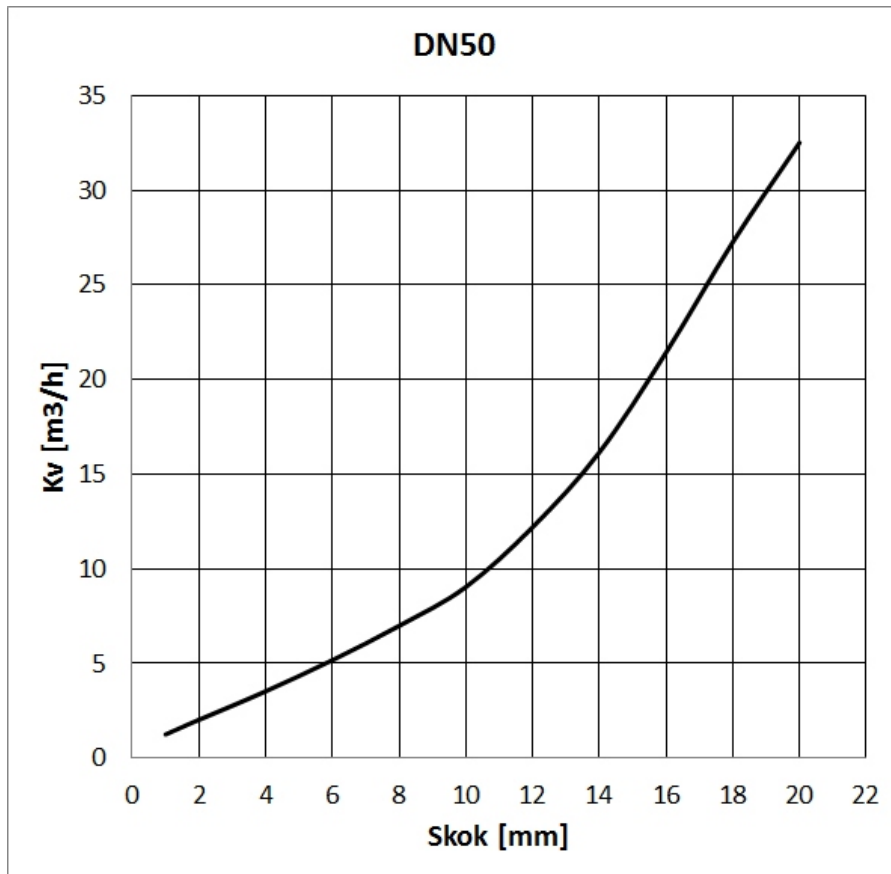
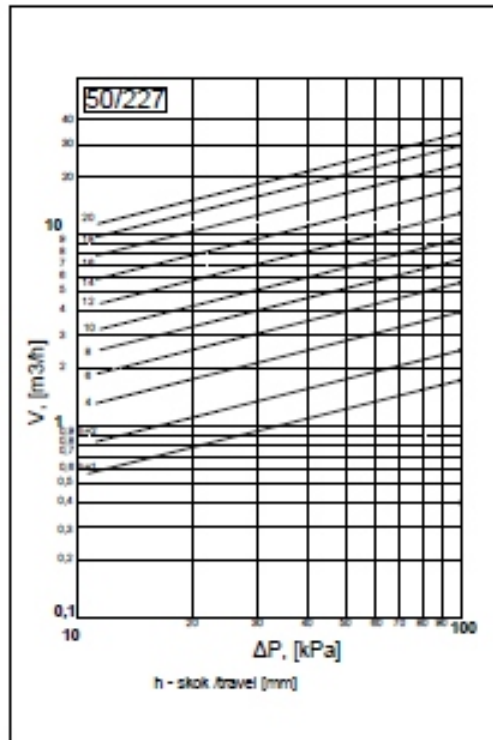
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HYDRAULIC CHARACTERISTICS DN 50



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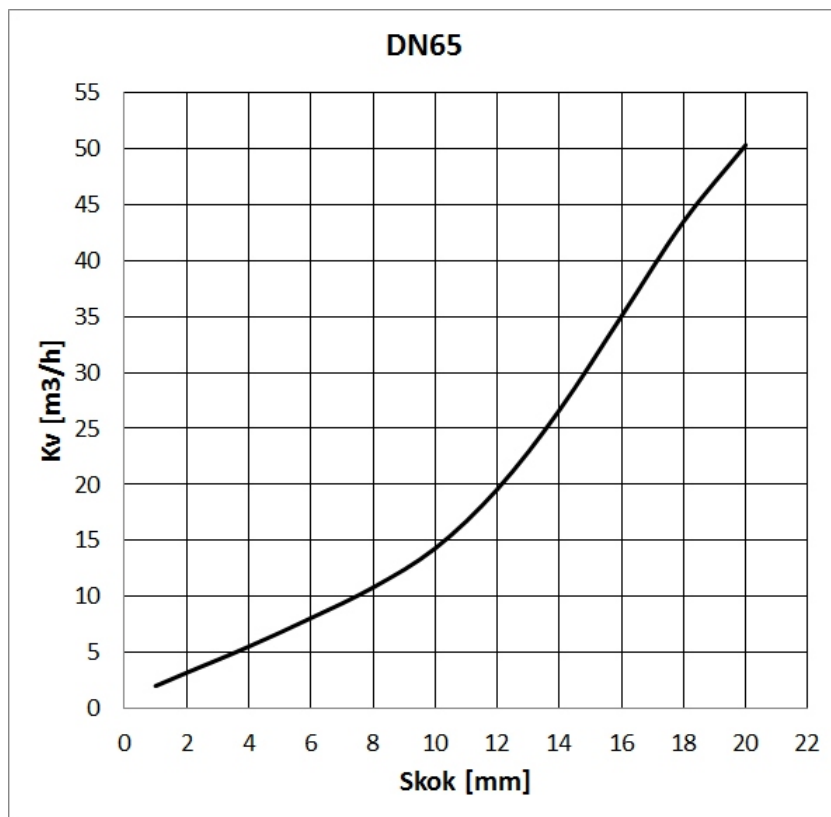
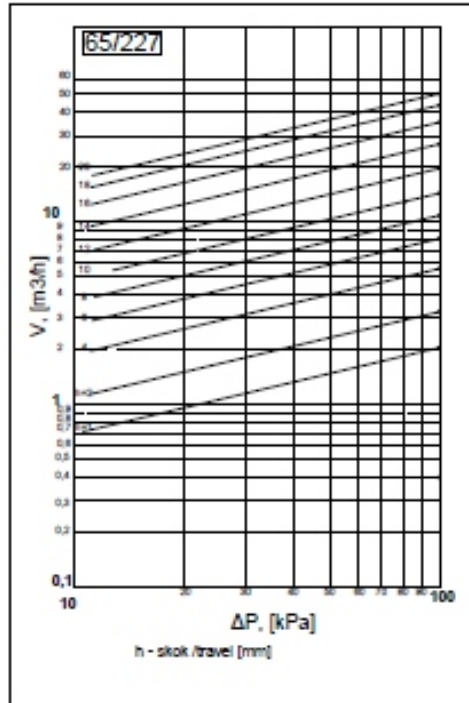
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HYDRAULIC CHARACTERISTICS DN 65



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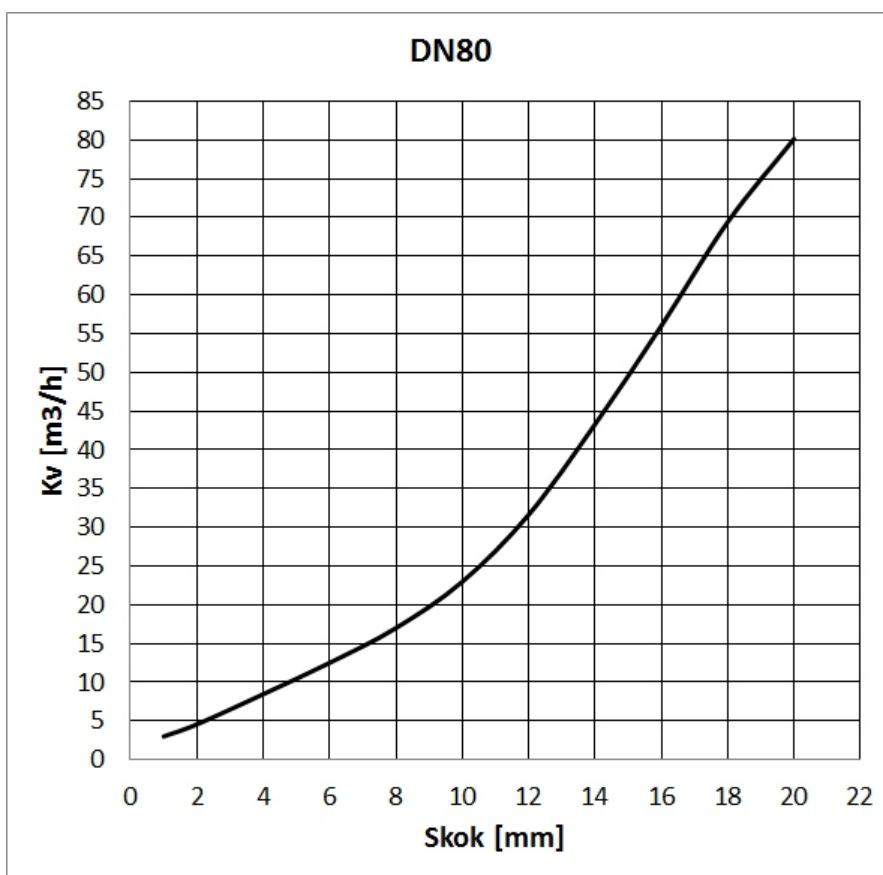
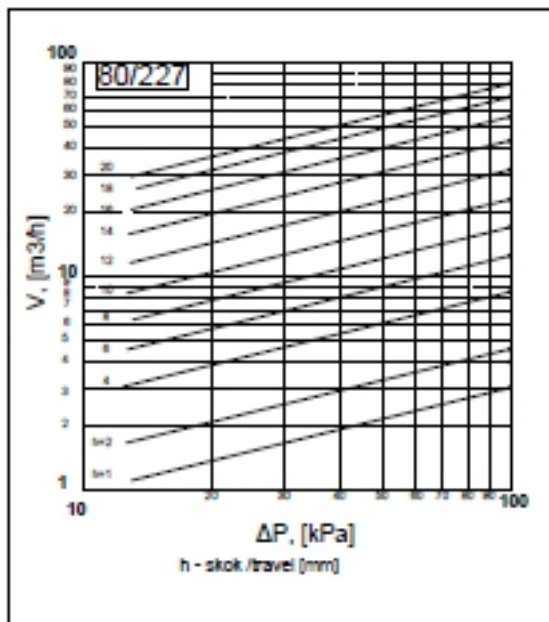
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HYDRAULIC CHARACTERISTICS DN 80



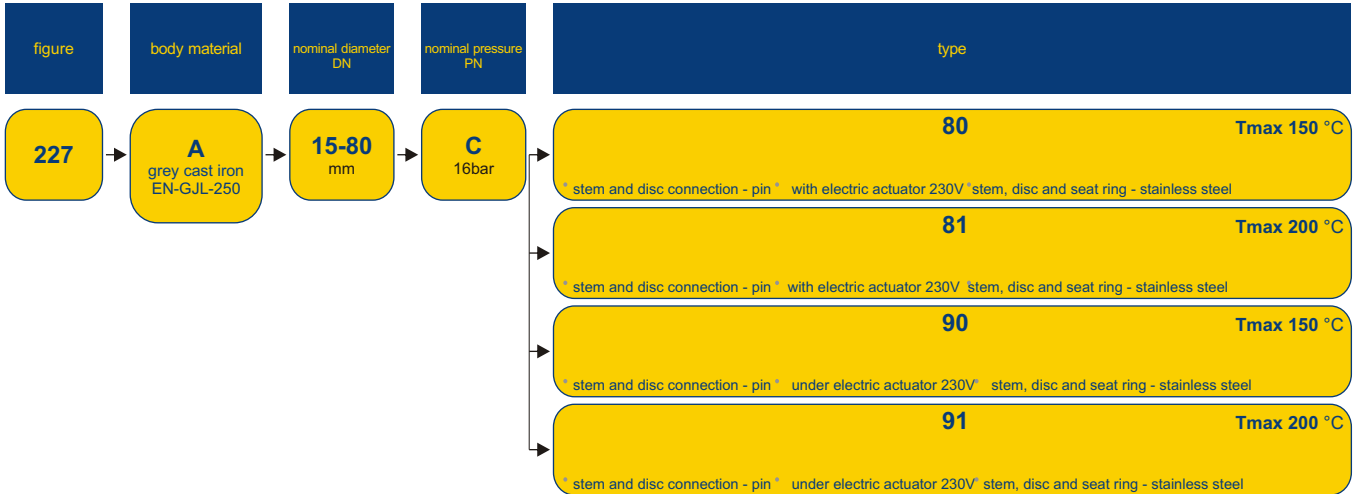
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## TYPES



## ORDERING

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



### ORDER EXAMPLE

