

DN 15 up to DN 250

Kvs-Values

Ordering code	-	A	1	B	6	2	7	C	3	4	8	5	9	
DN	Charact.	100 %	63 %	40 %	25 %	20%	16 %	12 %	10 %	6,3 %	2,5 %	2 %	1%	0,4%
15	(mod.) linear	4	2,6	1,7	1,4	-	0,71	0,49	0,44	0,26	0,14	0,08	0,04	0,018
	eq. perc.	1,7	-	1,1	-	0,35	-	-	-	0,1	-	-	-	-
20	(mod.) linear	6,4	-	-	-	-	1	-	-	-	-	0,13	-	-
	eq. perc.	3	-	1,5	-	-	-	-	-	-	-	-	-	-
25	(mod.) linear	11	6,4	4	-	-	1,6	-	0,93	0,62	0,26	-	0,14	0,04
	eq. perc.	5	-	2,4	-	1,1	-	-	-	0,35	-	-	-	-
32	(mod.) linear	16	10	-	-	-	-	-	-	-	-	-	-	-
	eq. perc.	8	4,7	-	-	-	-	-	-	-	-	-	-	-
40	(mod.) linear	26	16	11	7	-	-	-	-	-	-	-	-	-
	eq. perc.	11	8,5	-	2,75	-	-	-	-	-	-	-	-	-
50	(mod.) linear	45	28	20	12	10	-	-	-	-	-	-	-	-
	eq. perc.	19	12	-	-	-	3	-	-	-	-	-	-	-
65	(mod.) linear	52	35	-	15	-	-	-	-	-	-	-	-	-
	eq. perc.	30	-	-	8	-	-	-	-	-	-	-	-	-
80	(mod.) linear	92	58	40	-	-	-	-	-	-	-	-	-	-
	eq.perc.	48	35	-	-	-	-	-	-	-	-	-	-	-
100	(mod.) linear	154	95	62	-	-	-	-	-	-	-	-	-	-
	eq.perc.	77	48	-	-	-	-	-	-	-	-	-	-	-
125	(mod.) linear	237	-	95	-	-	-	-	-	-	-	-	-	-
	eq.perc.	116	-	-	-	-	-	-	-	-	-	-	-	-
150	(mod.) linear	338	212	-	-	-	-	-	-	-	-	-	-	-
	eq.perc.	147	90	-	-	-	-	-	-	-	-	-	-	-
200	(mod.) linear	560	352	-	-	-	-	-	-	-	-	-	-	-
	eq.perc.	284	-	-	-	-	-	-	-	-	-	-	-	-
250	(mod.) linear	910	575	-	-	-	-	-	-	-	-	-	-	-
	eq.perc.	435	-	-	-	-	-	-	-	-	-	-	-	-

Cv-Value:
See Page 2

Definition of the Kvs-Value:

The Kvs-value corresponds to the volume flow of water (m³/h), passing the valve if a pressure difference of 1 bar is applied. Kvs is the Kv-value for a fully opened valve from the series production (acc. DIN IEC 534).

DN 15 up to DN 250

Cvs-Values

Ordering code	-	A	1	B	6	2	7	C	3	4	8	5	9	
DN	Charact.	100 %	63 %	40 %	25 %	20%	16 %	12 %	10 %	6,3 %	2,5 %	2 %	1%	0,4%
15	(mod.) linear	4.6	3	2	1.6	-	0.82	0.57	0.51	0.3	0.16	0.09	0.05	0.021
	eq. perc.	2	-	1.3	-	0.4	-	-	-	0.12	-	-	-	-
20	(mod.) linear	7.4	-	-	-	-	1.16	-	-	-	-	0.15	-	-
	eq. perc.	3.5	-	1.7	-	-	-	-	-	-	-	-	-	-
25	(mod.) linear	13	7.4	4.6	-	-	1.9	-	1.08	0.72	0.3	-	0.16	0.05
	eq. perc.	5.8	-	2.8	-	1.3	-	-	-	0.41	-	-	-	-
32	(mod.) linear	19	12	-	-	-	-	-	-	-	-	-	-	-
	eq. perc.	9.3	5.45	-	-	-	-	-	-	-	-	-	-	-
40	(mod.) linear	30	19	13	8.1	-	-	-	-	-	-	-	-	-
	eq. perc.	13	9.9	-	3.2	-	-	-	-	-	-	-	-	-
50	(mod.) linear	52	32	23	14	12	-	-	-	-	-	-	-	-
	eq. perc.	22	14	-	-	-	3.5	-	-	-	-	-	-	-
65	(mod.) linear	60	41	-	17	-	-	-	-	-	-	-	-	-
	eq. perc.	35	-	-	9.3	-	-	-	-	-	-	-	-	-
80	(mod.) linear	107	67	46	-	-	-	-	-	-	-	-	-	-
	eq.perc.	56	41	-	-	-	-	-	-	-	-	-	-	-
100	(mod.) linear	179	110	72	-	-	-	-	-	-	-	-	-	-
	eq.perc.	89	56	-	-	-	-	-	-	-	-	-	-	-
125	(mod.) linear	275	-	110	-	-	-	-	-	-	-	-	-	-
	eq.perc.	135	-	-	-	-	-	-	-	-	-	-	-	-
150	(mod.) linear	392	246	-	-	-	-	-	-	-	-	-	-	-
	eq.perc.	171	104	-	-	-	-	-	-	-	-	-	-	-
200	(mod.) linear	650	408	-	-	-	-	-	-	-	-	-	-	-
	eq.perc.	329	-	-	-	-	-	-	-	-	-	-	-	-
250	(mod.) linear	1056	667	-	-	-	-	-	-	-	-	-	-	-
	eq.perc.	505	-	-	-	-	-	-	-	-	-	-	-	-

$$K_v = C_v / 1.16$$

Ordering number system for function units (extract)

		Article number									
		8001/								M	S ...
Nominal size:											
DN 15	015										
DN 20	020										
DN 25	025										
DN 32	032										
DN 40	040										
DN 50	050										
DN 65	065										
DN 80	080										
DN 100	100										
DN 125	125										
DN 150	150										
DN 200	200										
DN 250	250										
Item:											
function unit complete	F										
Design:											
GS1-series	O										
GS2-series	C										
GS3-series	G										
material of the coupling ring											
standard (stainless steel 1.4581)	1										
Hastelloy C	8										
mounting position											
version A	A										
version B	B										
Moving valve disc											
carbon material	-										
STN2/STN3	9										
fibre carbon FUY	B										
SFC	S										
Special version	X										
Fixed valve plate											
standard coating, stainless steel 1.4571(AISI 316Ti)	-										
STN2	1										
STN3	3										
Hastelloy	8										
hardmetal	H										
Special version	X										
Cvs-values											
100% (Stand.)	-										
red. to 40%	1										
red. to 16%	2										
red. to 6,3%	3										
red. to 2,5%	4										
red. to 1%	5										
red. to 20%	6										
red. to 12%	7										
red. to 2%	8										
red. to 0,4%	9										
red. to 63%	A										
red. to 25%	B										
red. to 10%	C										
special Kvs-value	S										
Flow characteristic											
linear	-										
equal%	1										

Text and pictures are not binding. We reserve the right to alter the equipment.