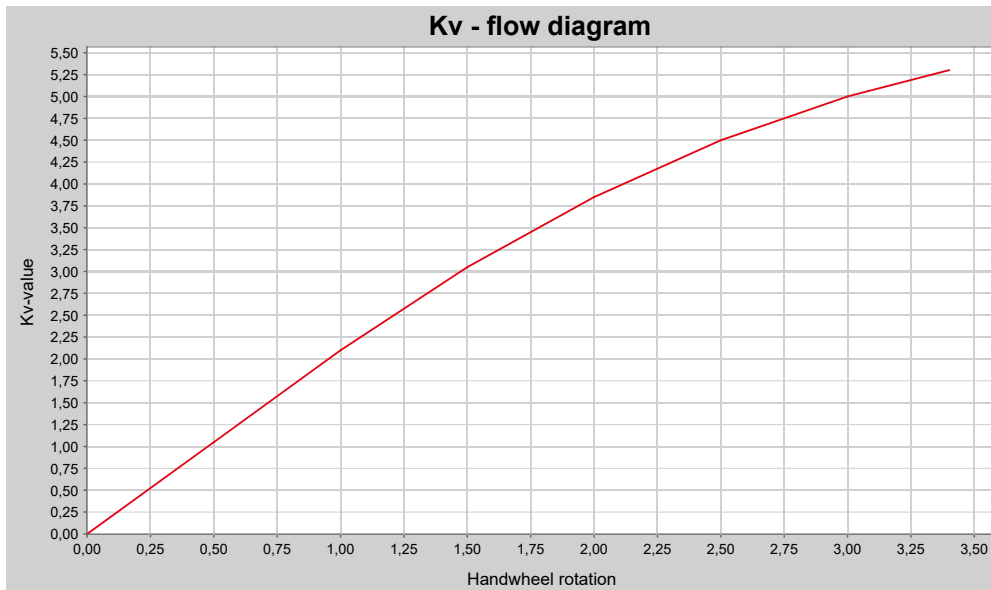


DN15 / PN16-40
Isolation plug
with marginal seat



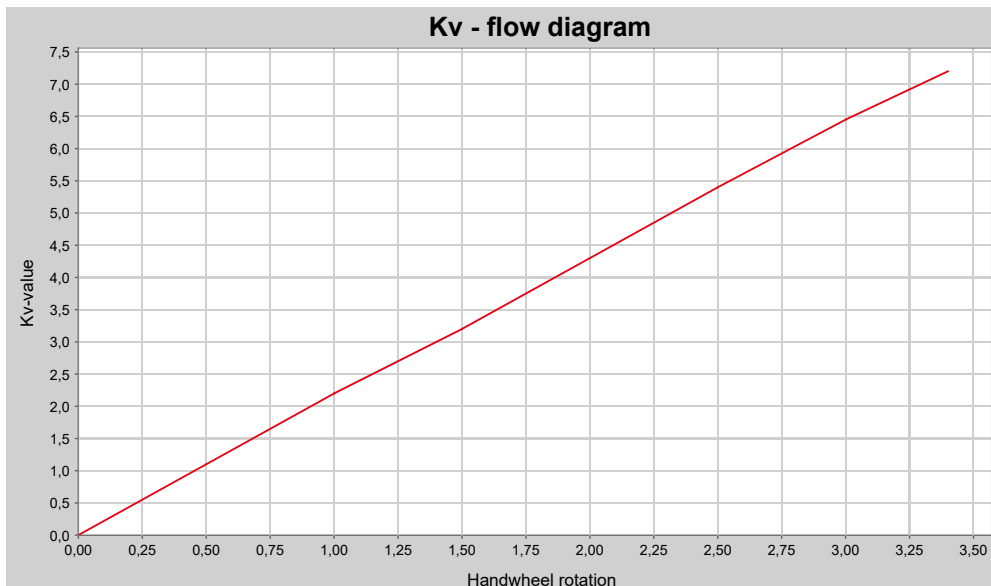
Handwheel rotation	Kv-value [m³/h]
0,5	1,05
1,0	2,1
1,5	3,05
2,0	3,85
2,5	4,5
3,0	5,0
3,4	5,3

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN20 / PN16-40
Isolation plug
with marginal seat



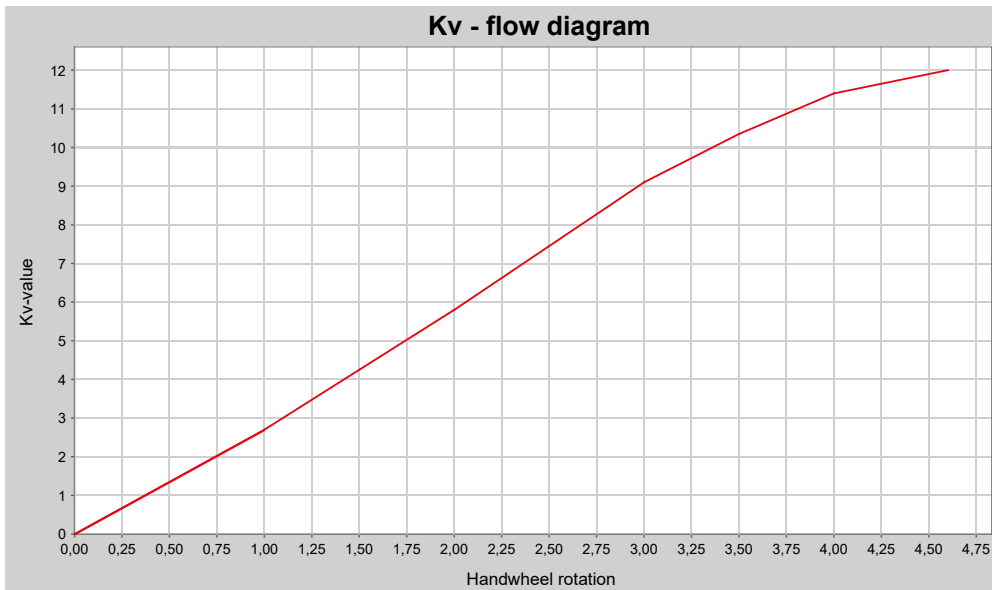
Handwheel rotation	Kv-value [m³/h]
0,5	1,1
1,0	2,2
1,5	3,2
2,0	4,3
2,5	5,4
3,0	6,45
3,4	7,2

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN25 / PN16-40
Isolation plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
1,0	2,7
1,5	4,25
2,0	5,8
2,5	7,45
3,0	9,1
3,5	10,35
4,0	11,4
4,6	12,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

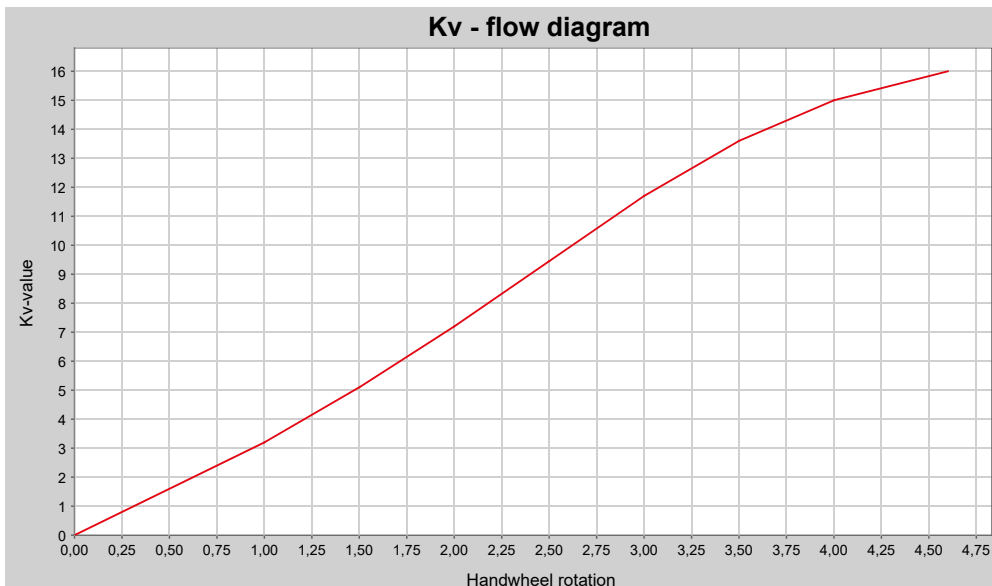
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN32 / PN16-40
Isolation plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
1,0	3,2
1,5	5,1
2,0	7,2
2,5	9,45
3,0	11,7
3,5	13,6
4,0	15,0
4,6	16,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

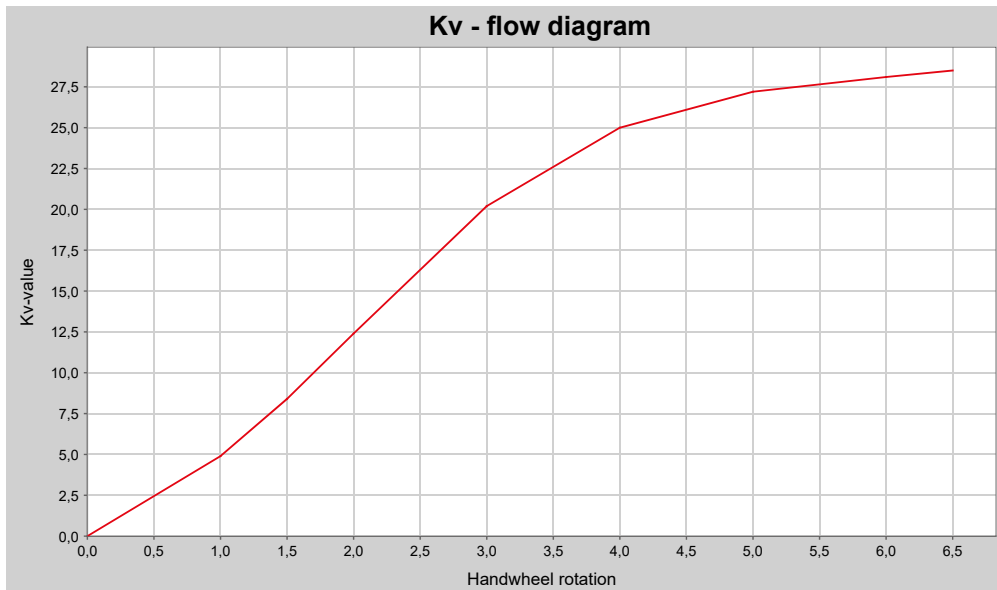
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN40 / PN16-40
Isolation plug
with marginal seat



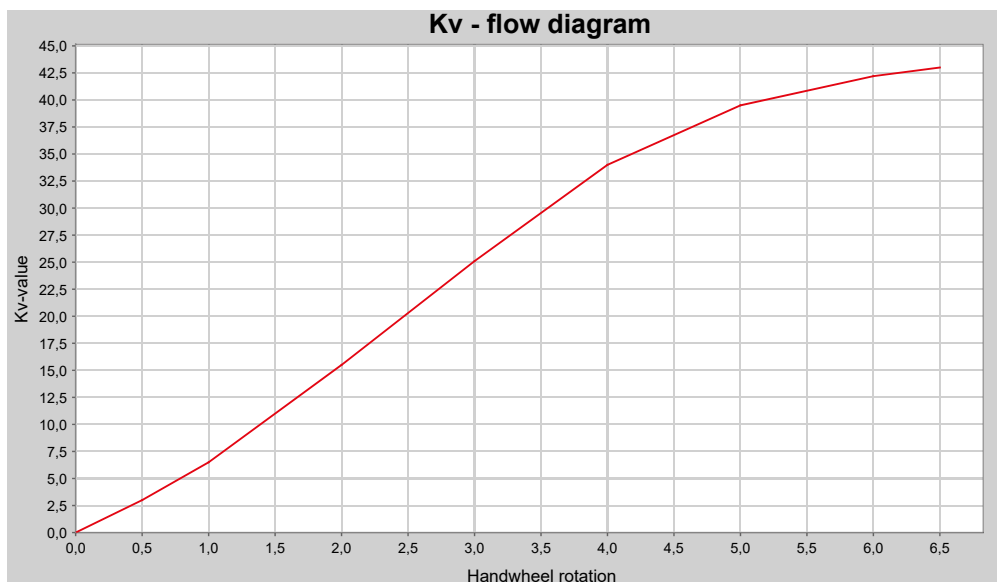
Handwheel rotation	Kv-value [m³/h]
1,0	4,9
1,5	8,4
2,0	12,4
3,0	20,2
4,0	25,0
5,0	27,2
6,0	28,1
6,5	28,5

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN50 / PN16-40
Isolation plug
with marginal seat



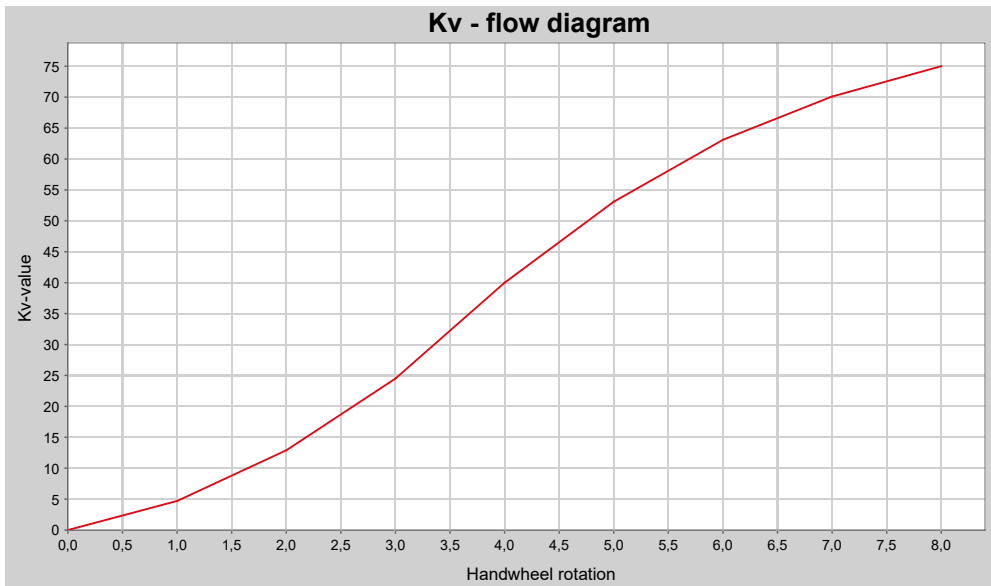
Handwheel rotation	Kv-value [m³/h]
0,5	3,0
1,0	6,5
2,0	15,5
3,0	25,1
4,0	34,0
5,0	39,5
6,0	42,2
6,5	43,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN65 / PN16-40
Isolation plug
with marginal seat



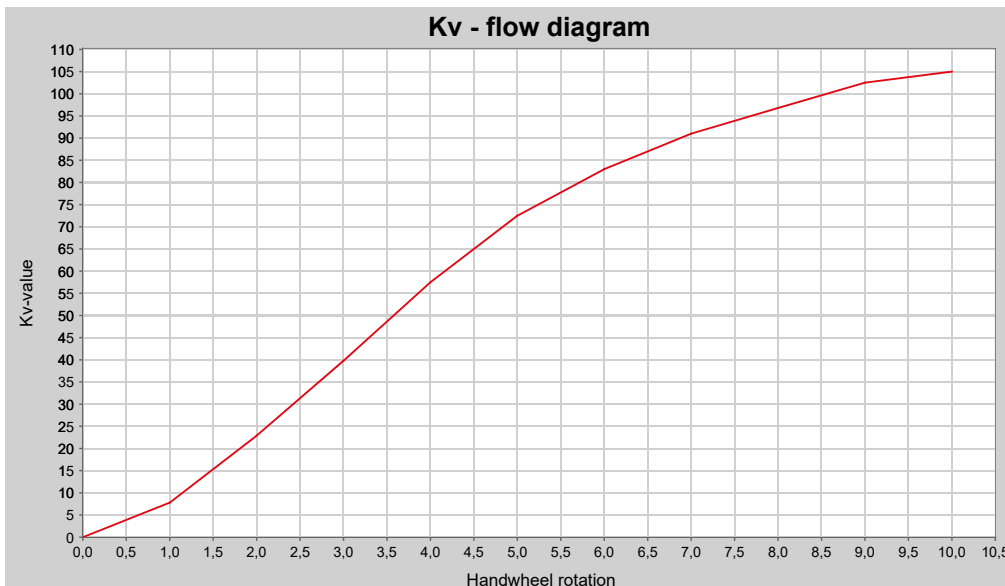
Handwheel rotation	Kv-value [m³/h]
1,0	4,7
2,0	12,9
3,0	24,5
4,0	40,0
5,0	53,1
6,0	63,1
7,0	70,1
8,0	75,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN80 / PN16-40
Isolation plug
with marginal seat



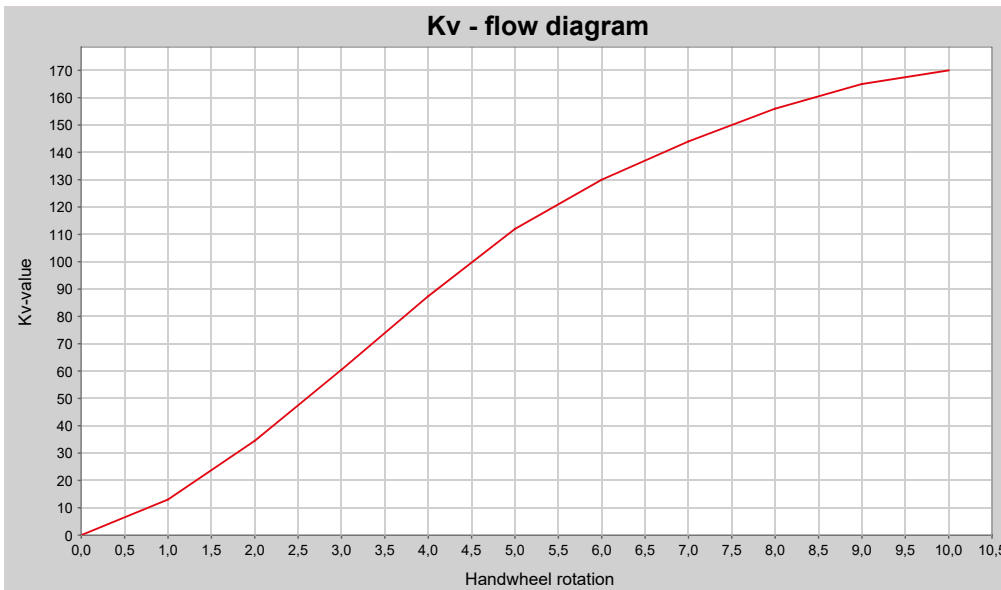
Handwheel rotation	Kv-value [m³/h]
1,0	7,8
2,0	22,9
3,0	39,8
4,0	57,5
5,0	72,5
6,0	83,0
7,0	91,0
8,0	96,8
9,0	102,5
10,0	105,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN100 / PN16-25
Isolation plug
with marginal seat



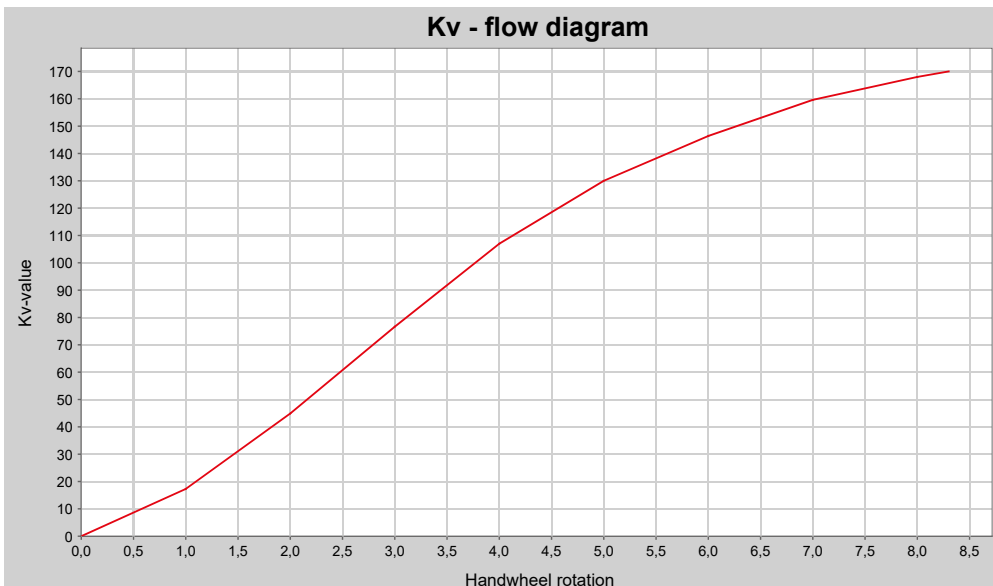
Handwheel rotation	Kv-value [m³/h]
1,0	13,0
2,0	34,5
3,0	60,5
4,0	87,4
5,0	112,0
6,0	130,0
7,0	144,0
8,0	156,0
9,0	165,0
10,0	170,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN100 / PN40
Isolation plug
with marginal seat

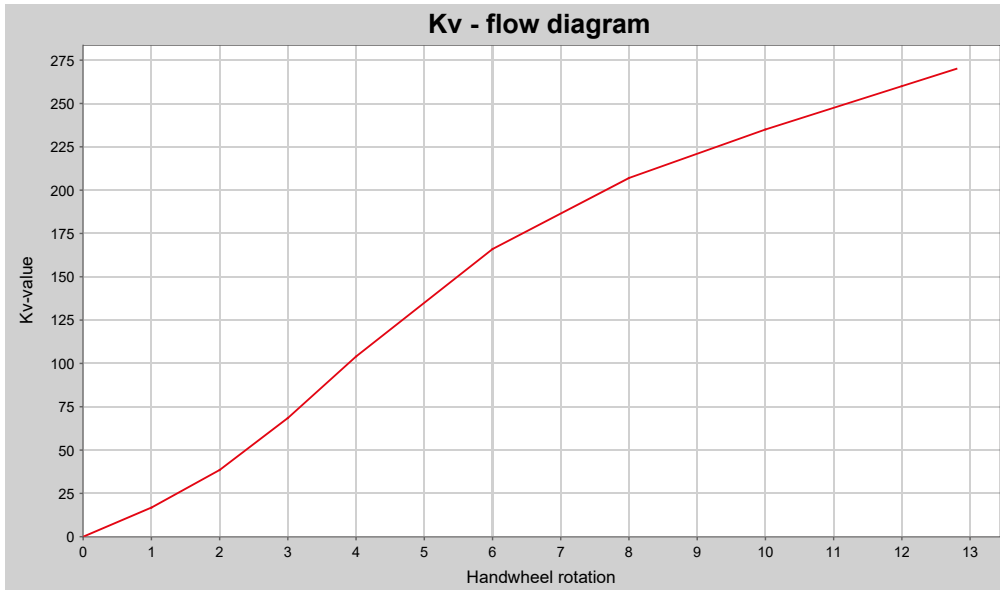


Handwheel rotation	Kv-value [m³/h]
1,0	17,3
2,0	44,9
3,0	76,64
4,0	107,0
5,0	130,0
6,0	146,4
7,0	159,6
8,0	168,0
8,3	170,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN125 / PN16-25
 Isolation plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,0	16,8
2,0	38,5
3,0	68,5
4,0	104,0
6,0	166,0
8,0	207,0
10,0	235,0
12,0	260,0
12,8	270,0

max. permissible differential pressure in throttling function 1,5 bar.

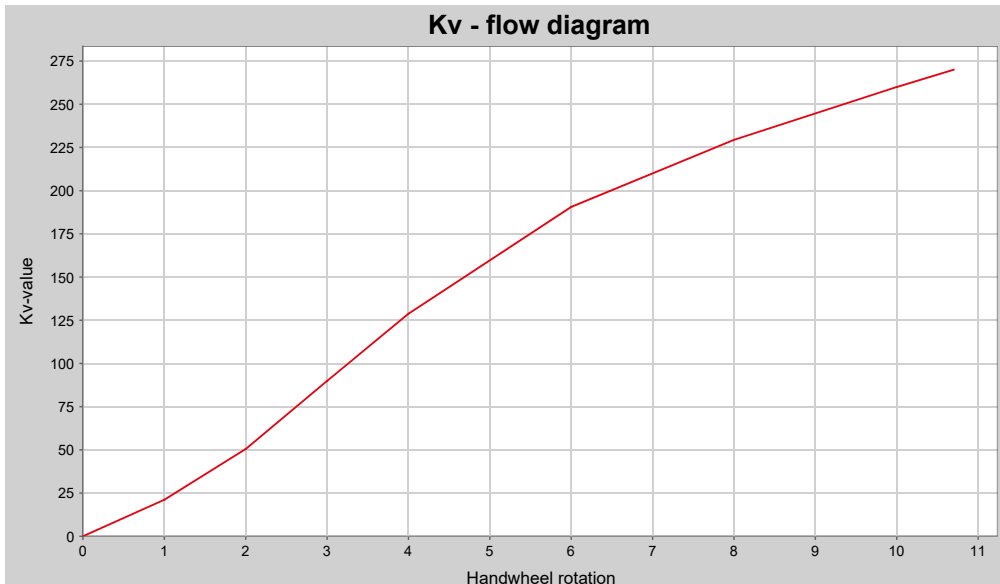
max. permissible flow speed:

Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN125 / PN40
 Isolation plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,0	21,14
2,0	50,5
3,0	89,9
4,0	128,8
6,0	190,6
8,0	229,4
10,0	260,0
10,7	270,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:

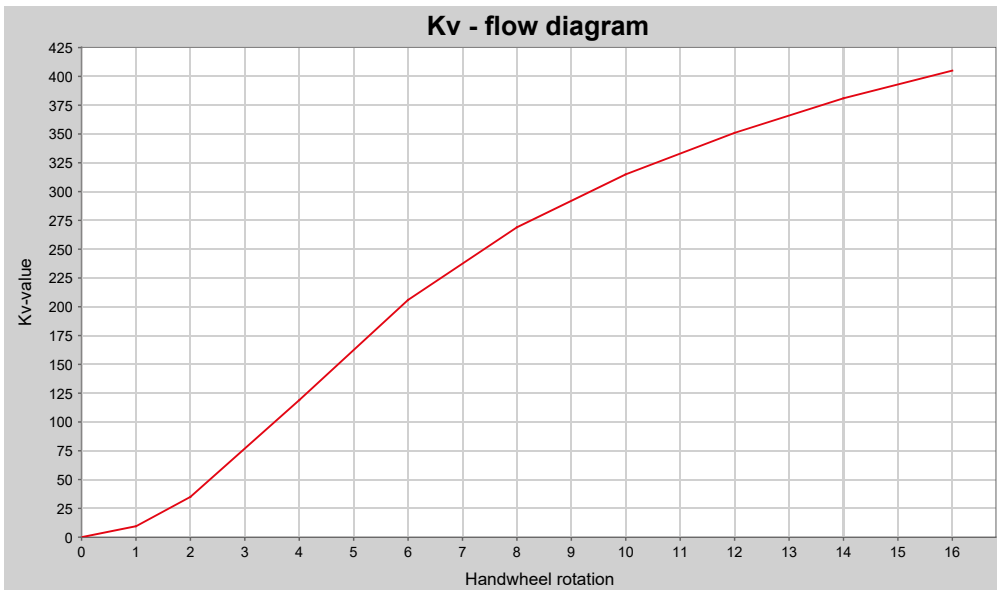
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN150 / PN16-25
Isolation plug
with marginal seat



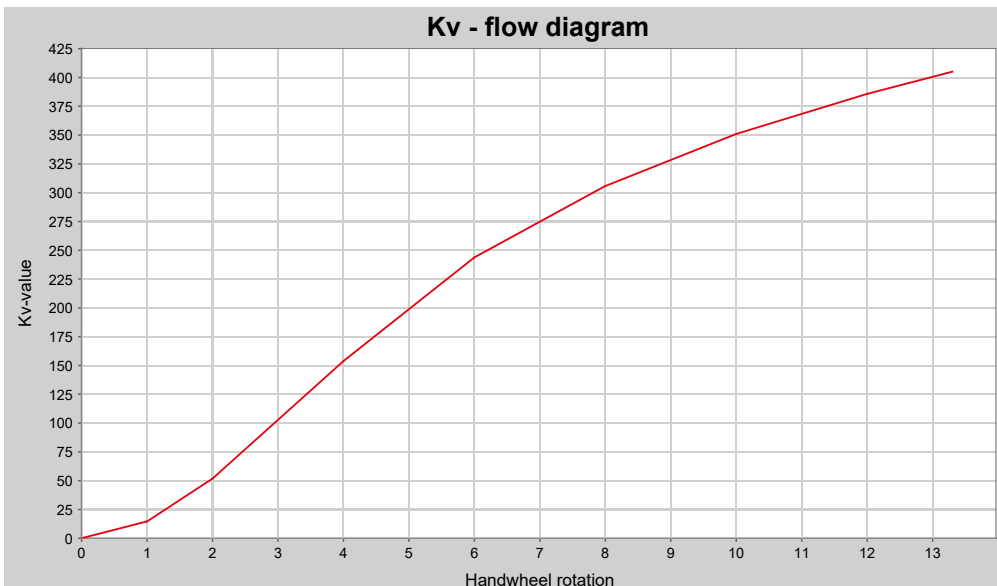
Handwheel rotation	Kv-value [m³/h]
1,0	9,5
2,0	35,0
4,0	119,0
6,0	206,0
8,0	269,0
10,0	315,0
12,0	351,0
14,0	381,0
16,0	405,0

max. permissible differential pressure in throttling function 1,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN150 / PN40
Isolation plug
with marginal seat



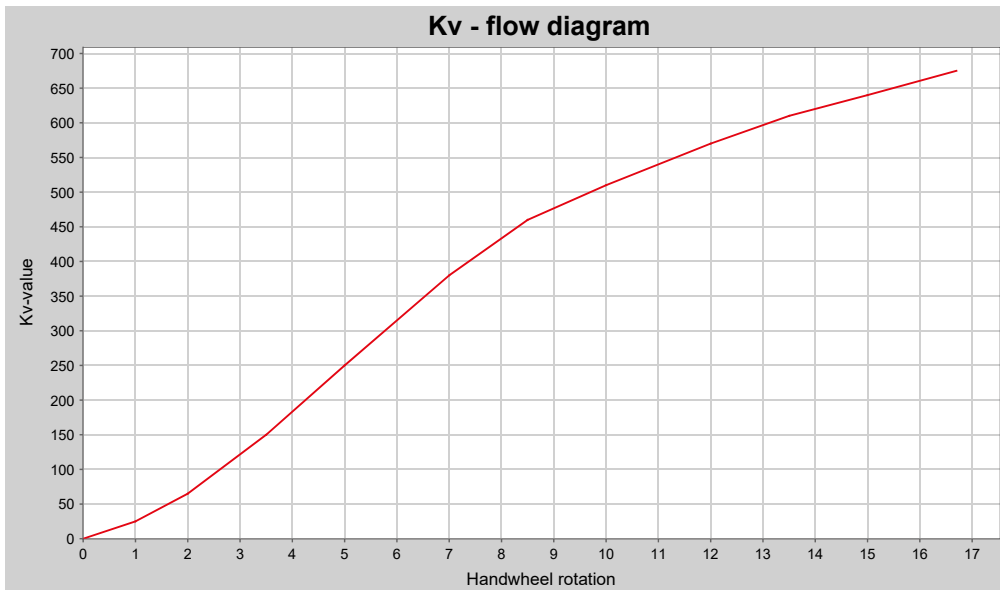
Handwheel rotation	Kv-value [m³/h]
1,0	14,6
2,0	51,8
4,0	153,8
6,0	243,8
8,0	305,8
10,0	351,0
12,0	385,8
13,3	405,0

max. permissible differential pressure in throttling function 1,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN200 / PN16-40
Isolation plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
1,0	25,0
2,0	65,0
3,5	150,0
5,0	250,0
7,0	380,0
8,5	460,0
10,0	510,0
12,0	570,0
13,5	610,0
15,0	640,0
16,7	675,0

max. permissible differential pressure in throttling function 0,8 bar.

max. permissible flow speed:

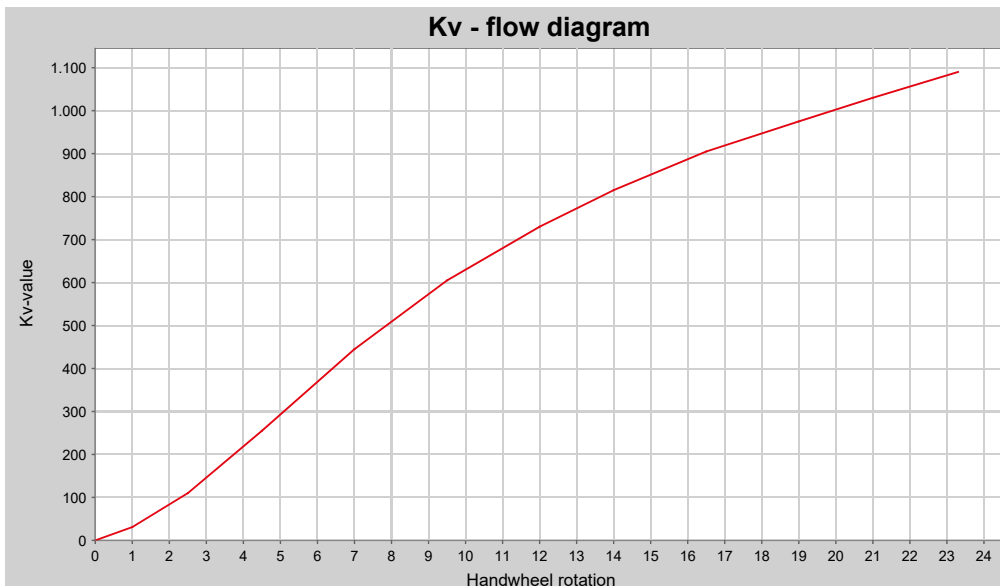
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN250 / PN16-40
Isolation plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
1,0	31,0
2,5	110,0
4,5	255,0
7,0	445,0
9,5	605,0
12,0	730,0
14,0	815,0
16,5	905,0
19,0	975,0
21,0	1030,0
23,3	1090,0

max. permissible differential pressure in throttling function 0,8 bar.

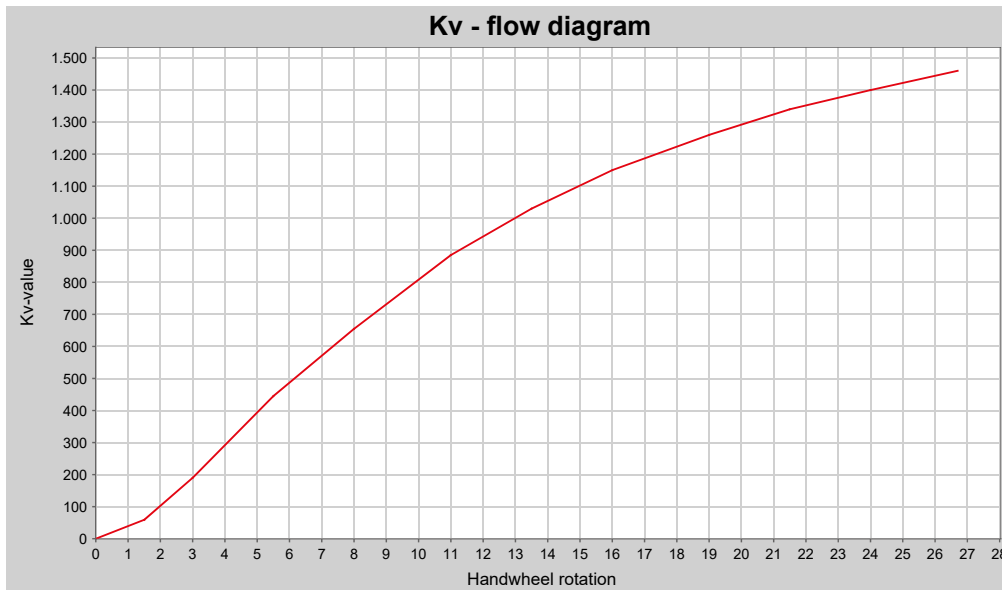
max. permissible flow speed:

Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN300 / PN16-40
 Isolation plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,5	59,0
3,0	190,0
5,5	445,0
8,0	655,0
11,0	885,0
13,5	1030,0
16,0	1150,0
19,0	1260,0
21,5	1340,0
24,0	1400,0
26,7	1460,0

max. permissible differential pressure in throttling function 0,5 bar.

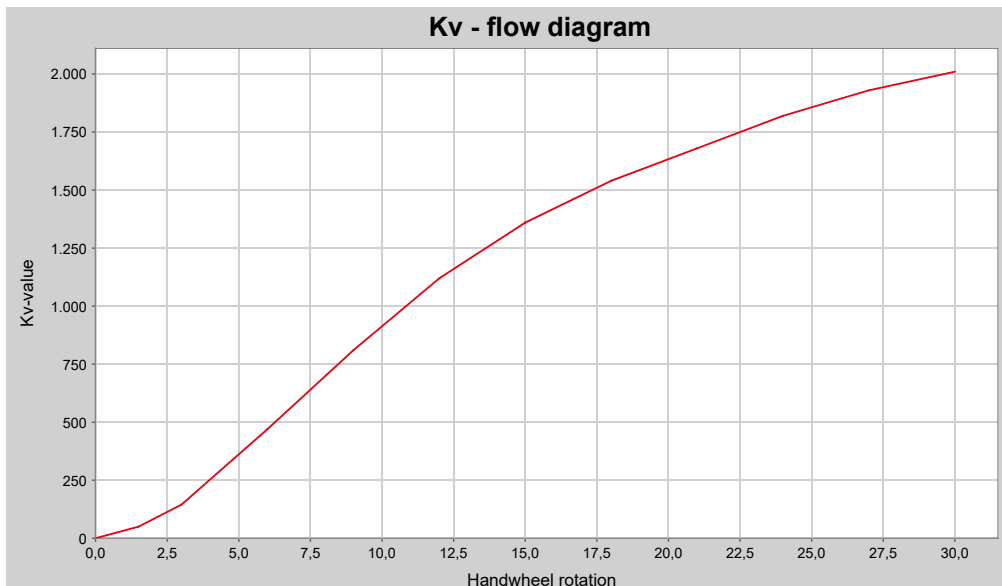
max. permissible flow speed:

Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN350 / PN16-40
 Isolation plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,5	50,0
3,0	145,0
6,0	470,0
9,0	810,0
12,0	1120,0
15,0	1360,0
18,0	1540,0
21,0	1680,0
24,0	1820,0
27,0	1930,0
30,0	2010,0

max. permissible differential pressure in throttling function 0,5 bar.

max. permissible flow speed:

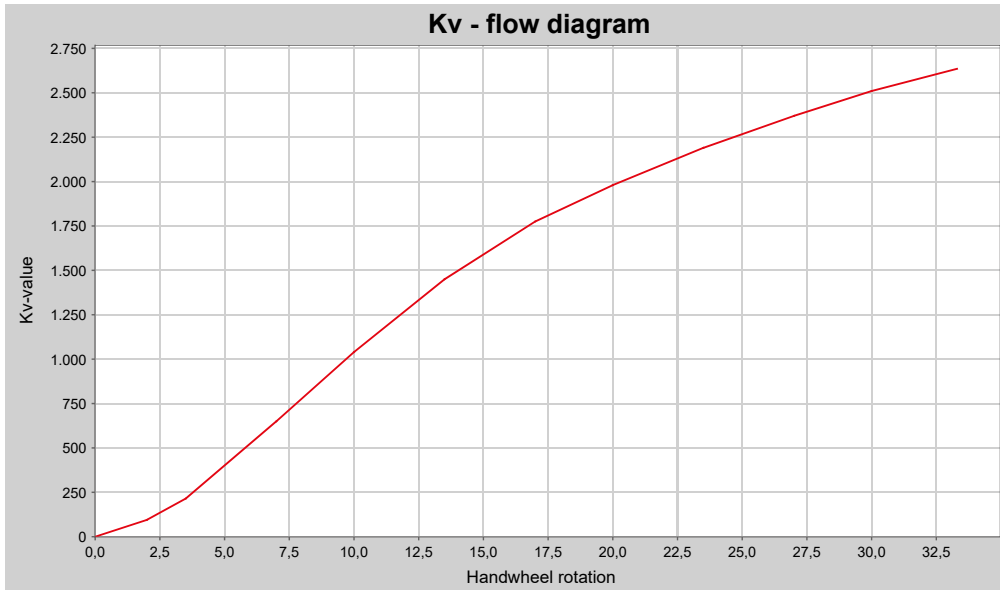
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN400 / PN16-40
Isolation plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
2,0	95,0
3,5	215,0
7,0	650,0
10,0	1040,0
13,5	1450,0
17,0	1775,0
20,0	1980,0
23,5	2190,0
27,0	2370,0
30,0	2510,0
33,3	2635,0

max. permissible differential pressure in throttling function 0,5 bar.

max. permissible flow speed:

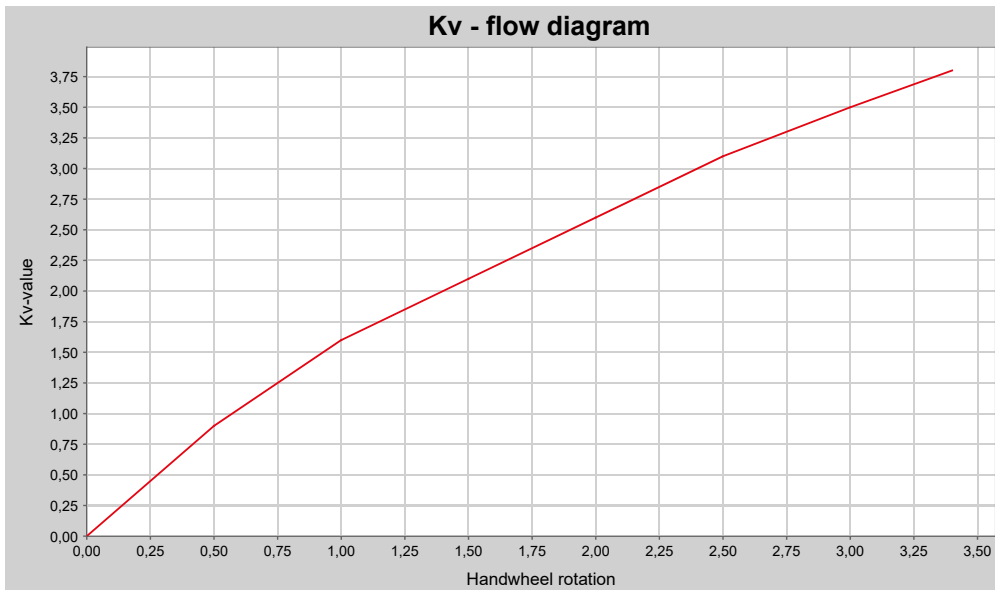
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN15 / PN16-40
Regulating plug
with marginal seat



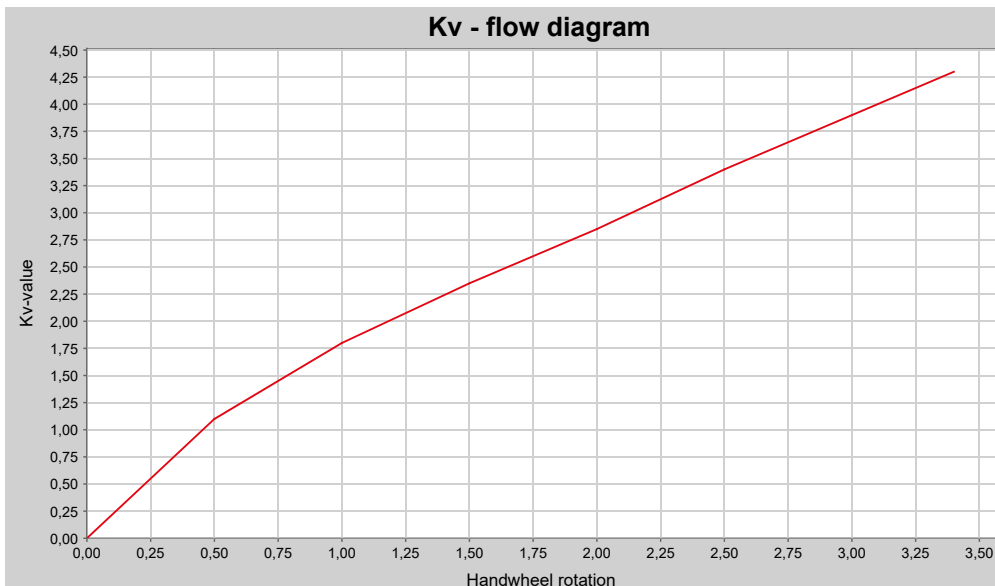
Handwheel rotation	Kv-value [m³/h]
0,5	0,9
1,0	1,6
1,5	2,1
2,0	2,6
2,5	3,1
3,0	3,5
3,4	3,8

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN20 / PN16-40
Regulating plug
with marginal seat



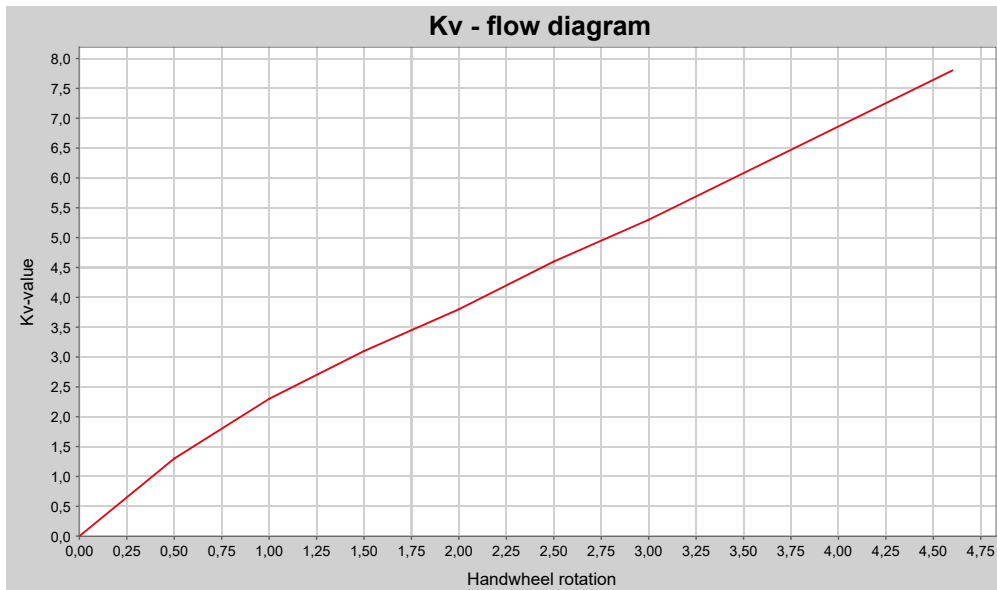
Handwheel rotation	Kv-value [m³/h]
0,5	1,1
1,0	1,8
1,5	2,35
2,0	2,85
2,5	3,4
3,0	3,9
3,4	4,3

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN25 / PN16-40
Regulating plug
with marginal seat



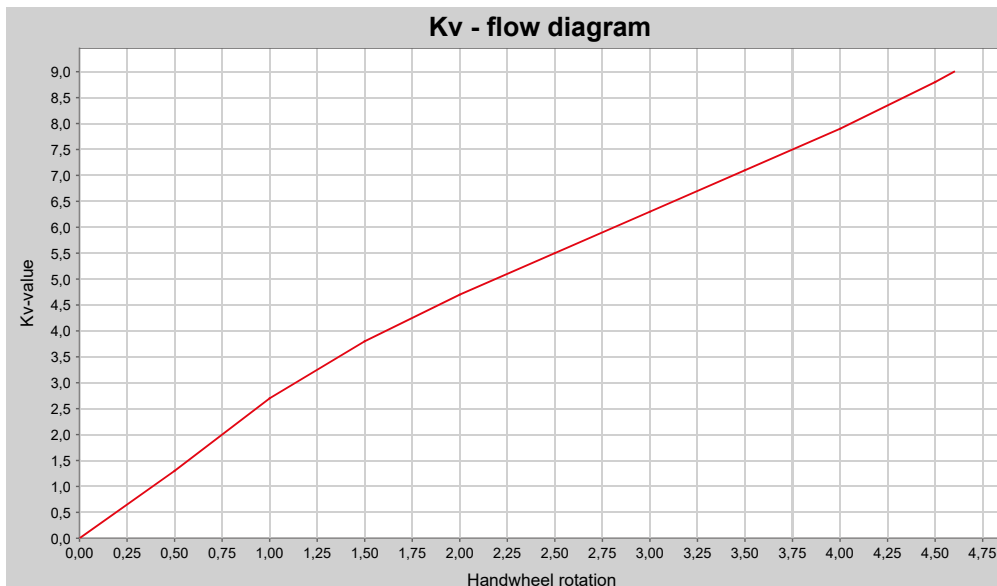
Handwheel rotation	Kv-value [m³/h]
0,5	1,3
1,0	2,3
1,5	3,1
2,0	3,8
2,5	4,6
3,0	5,3
4,6	7,8

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN32 / PN16-40
Regulating plug
with marginal seat



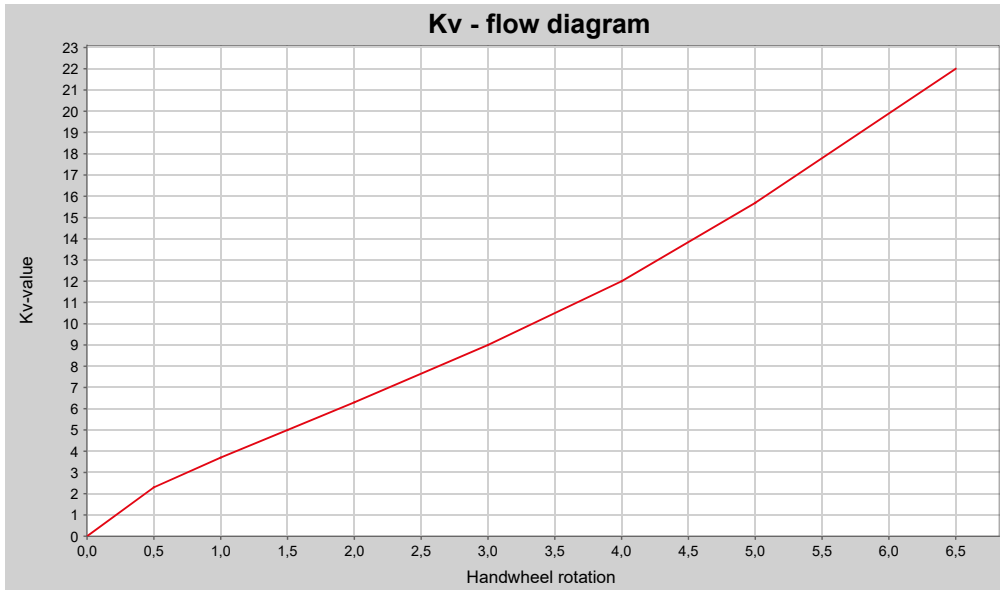
Handwheel rotation	Kv-value [m³/h]
0,5	1,3
1,0	2,7
1,5	3,8
2,0	4,7
2,5	5,5
3,0	6,3
3,5	7,1
4,0	7,9
4,5	8,8
4,6	9,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN40 / PN16-40
Regulating plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
0,5	2,3
1,0	3,7
1,5	5,0
2,0	6,3
3,0	9,0
4,0	12,0
5,0	15,69
6,5	22,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

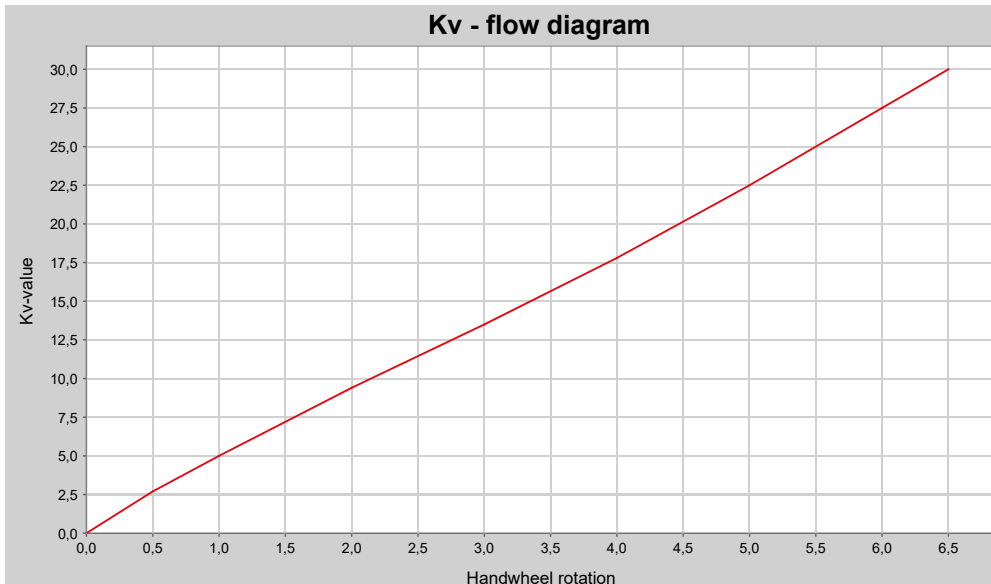
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN50 / PN16-40
Regulating plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
0,5	2,7
1,0	5,0
2,0	9,4
3,0	13,5
4,0	17,8
5,0	22,5
6,0	27,5
6,5	30,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

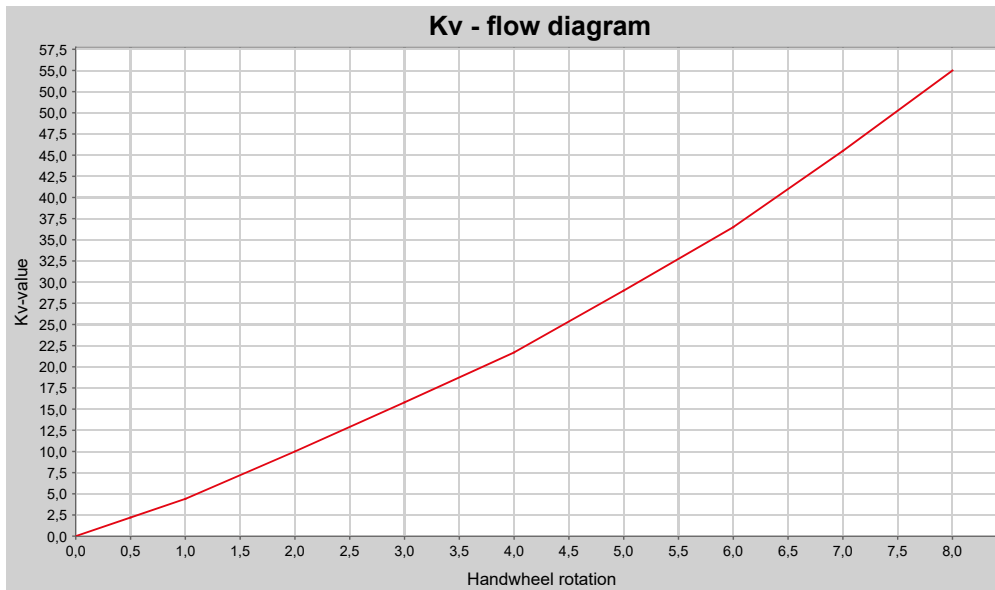
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN65 / PN16-40
Regulating plug
with marginal seat



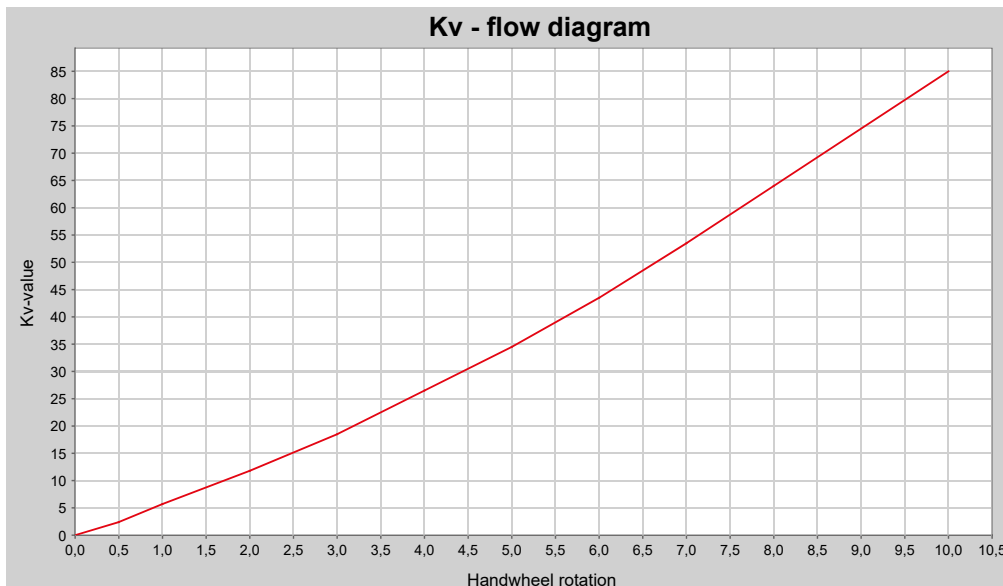
Handwheel rotation	Kv-value [m³/h]
0,5	2,2
1,0	4,4
2,0	10,0
3,0	15,8
4,0	21,7
5,0	29,0
6,0	36,5
7,0	45,5
8,0	55,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN80 / PN16-40
Regulating plug
with marginal seat

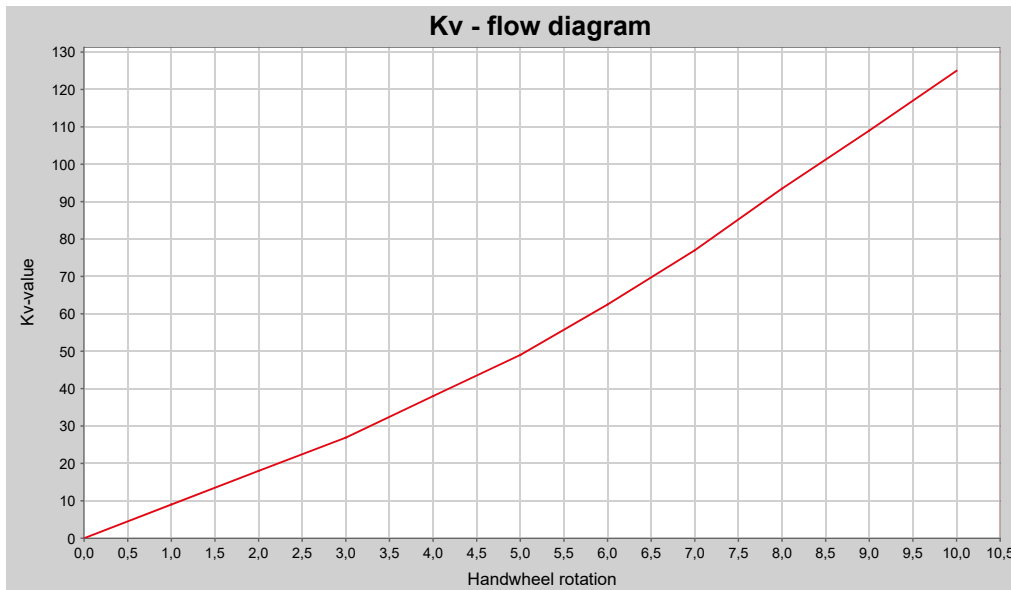


Handwheel rotation	Kv-value [m³/h]
0,5	2,4
1,0	5,7
2,0	11,8
3,0	18,5
4,0	26,5
5,0	34,5
6,0	43,5
7,0	53,5
8,0	64,0
10,0	85,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

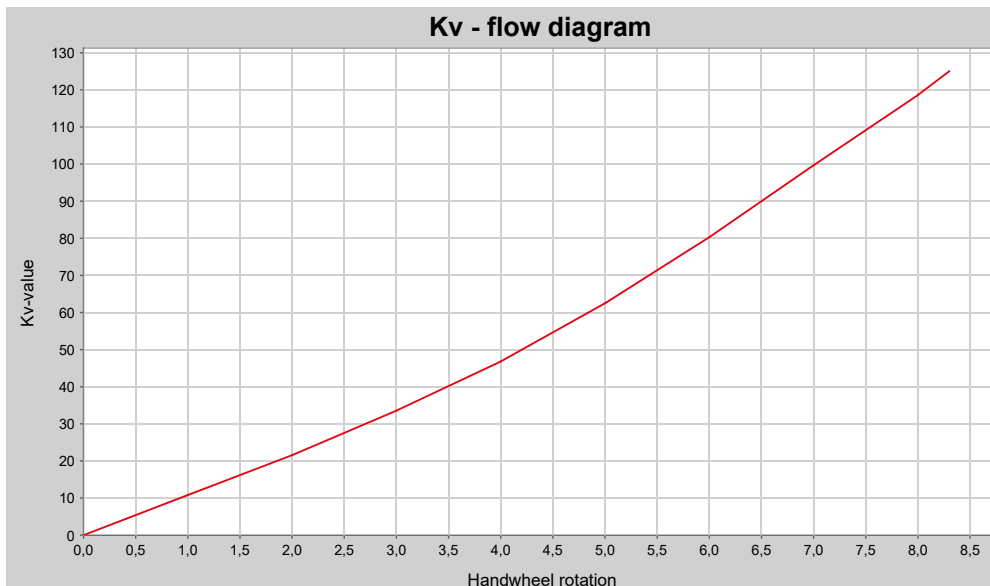
DN100 / PN16-25
 Regulating plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,0	9,0
2,0	18,0
3,0	26,9
4,0	38,0
5,0	49,0
6,0	62,5
7,0	77,0
8,0	93,5
9,0	109,0
10,0	125,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
 Liquids ≤ 4 m/s,
 Gases and vapours ≤ 60 m/s

Condition:
 The flow must be free from cavitation.

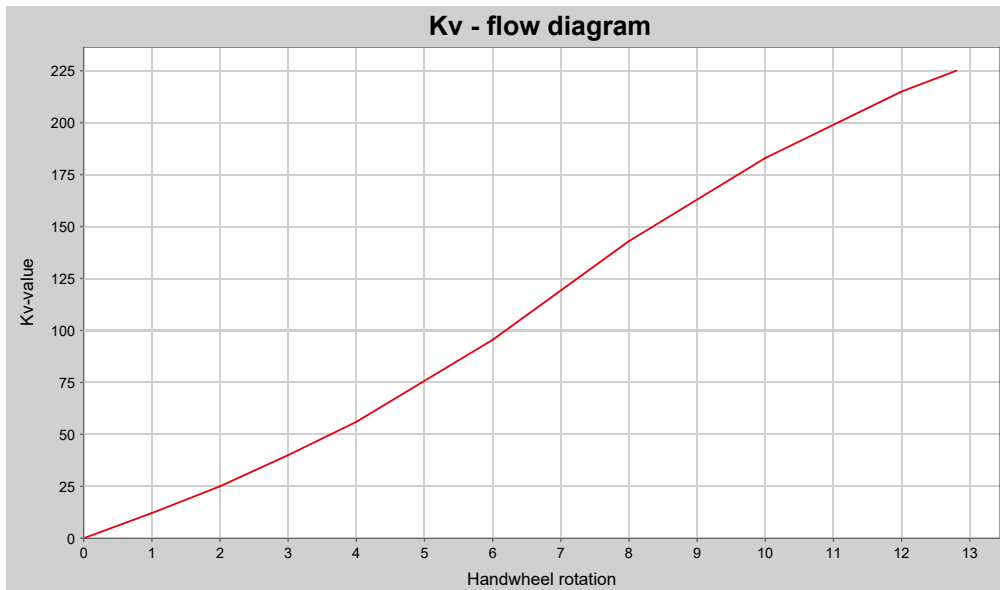
DN100 / PN40
 Regulating plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,0	10,8
2,0	21,56
3,0	33,56
4,0	46,8
5,0	62,5
6,0	80,3
7,0	99,7
8,0	118,6
8,3	125,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
 Liquids ≤ 4 m/s,
 Gases and vapours ≤ 60 m/s

Condition:
 The flow must be free from cavitation.

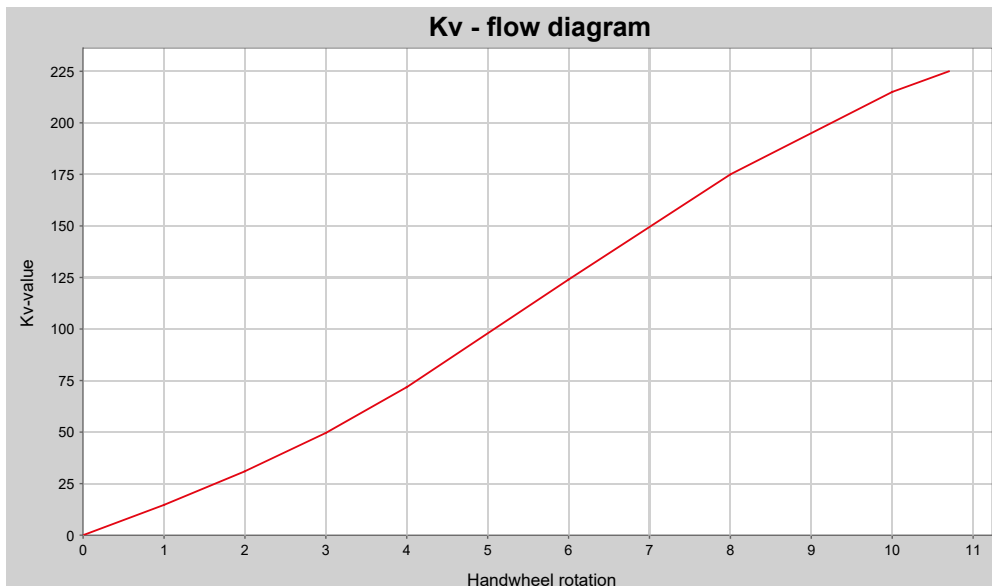
DN125 / PN16-25
 Regulating plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,0	12,1
2,0	25,0
3,0	40,0
4,0	56,0
6,0	95,5
8,0	143,0
10,0	183,0
12,0	215,0
12,8	225,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
 Liquids ≤ 4 m/s,
 Gases and vapours ≤ 60 m/s

Condition:
 The flow must be free from cavitation.

DN125 / PN40
 Regulating plug
 with marginal seat


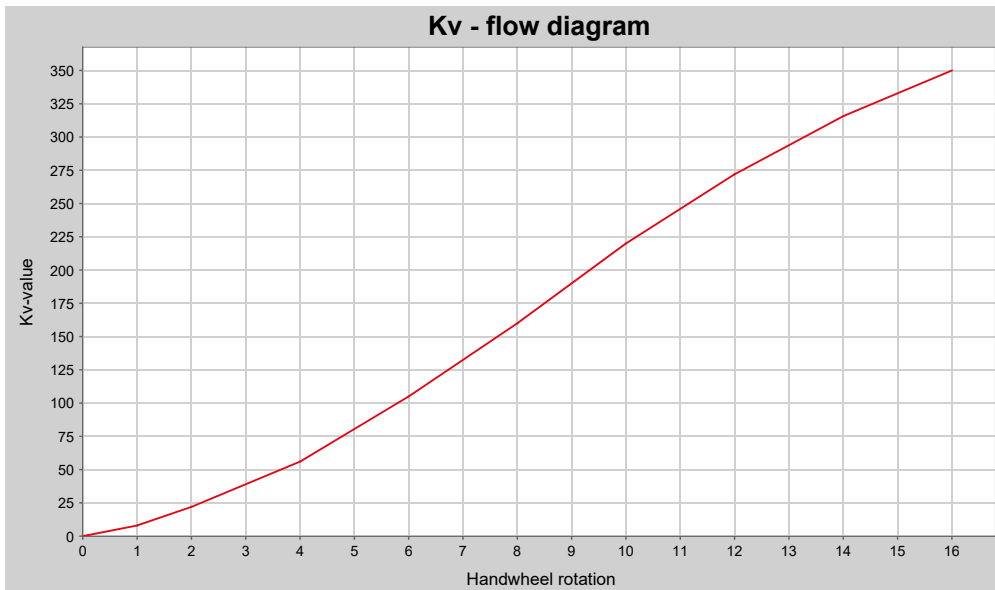
Handwheel rotation	Kv-value [m³/h]
1,0	14,68
2,0	31,0
3,0	49,6
4,0	71,8
6,0	124,0
8,0	175,0
10,0	215,0
10,7	225,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
 Liquids ≤ 4 m/s,
 Gases and vapours ≤ 60 m/s

Condition:
 The flow must be free from cavitation.

DN150 / PN16-25
Regulating plug
with marginal seat



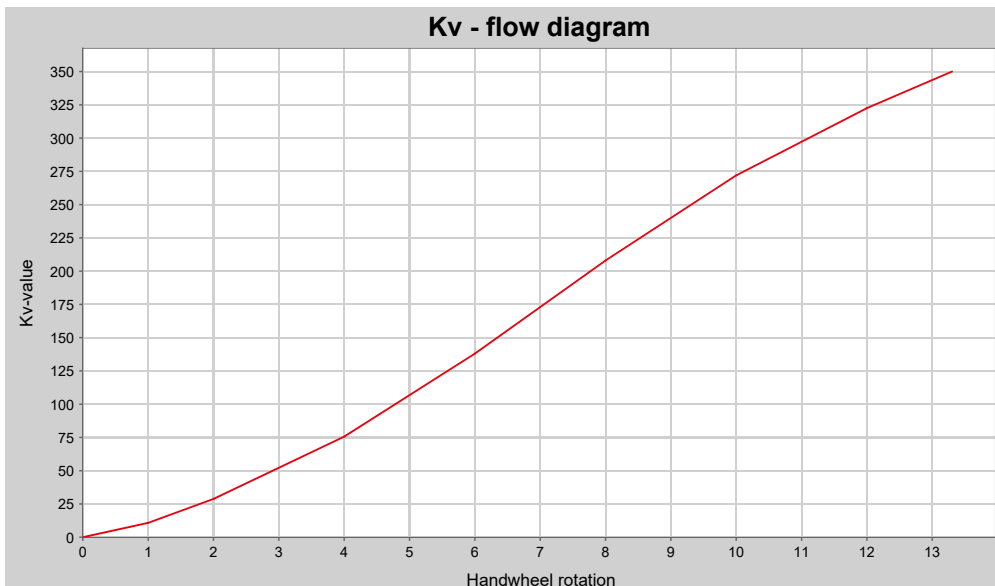
Handwheel rotation	Kv-value [m³/h]
1,0	8,0
2,0	22,0
4,0	56,0
6,0	105,0
8,0	160,0
10,0	220,0
12,0	272,0
14,0	315,67
16,0	350,0

max. permissible differential pressure in throttling function 1,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN150 / PN40
Regulating plug
with marginal seat

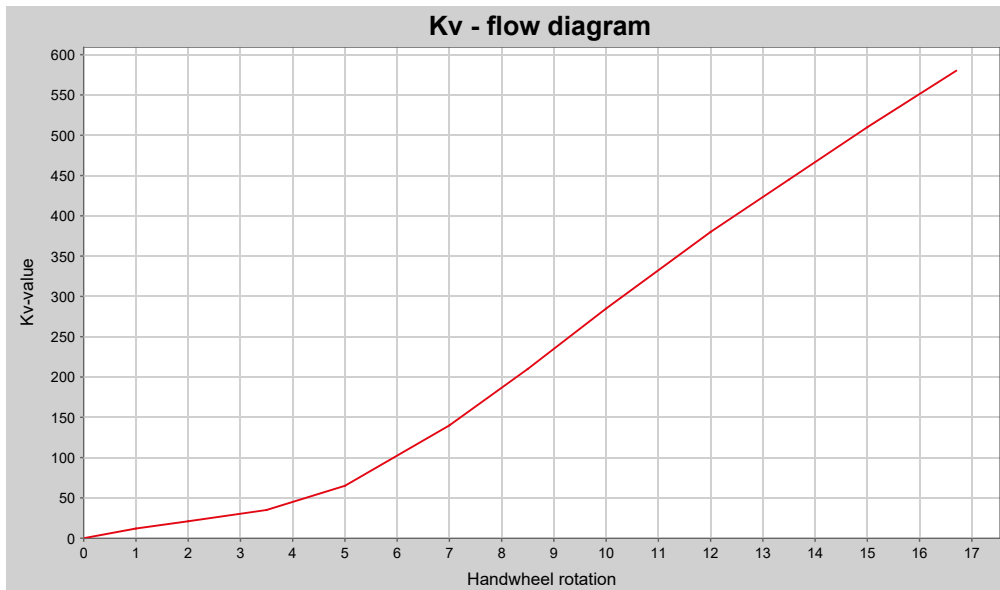


Handwheel rotation	Kv-value [m³/h]
1,0	10,8
2,0	28,8
4,0	75,6
6,0	138,0
8,0	208,0
10,0	272,0
12,0	322,53
13,3	350,0

max. permissible differential pressure in throttling function 1,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN200 / PN16-40
 Regulating plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,0	12,0
2,0	21,0
3,5	35,0
5,0	65,0
7,0	140,0
8,5	210,0
10,0	285,0
12,0	380,0
13,5	445,0
15,0	510,0
16,7	580,0

max. permissible differential pressure in throttling function 0,8 bar.

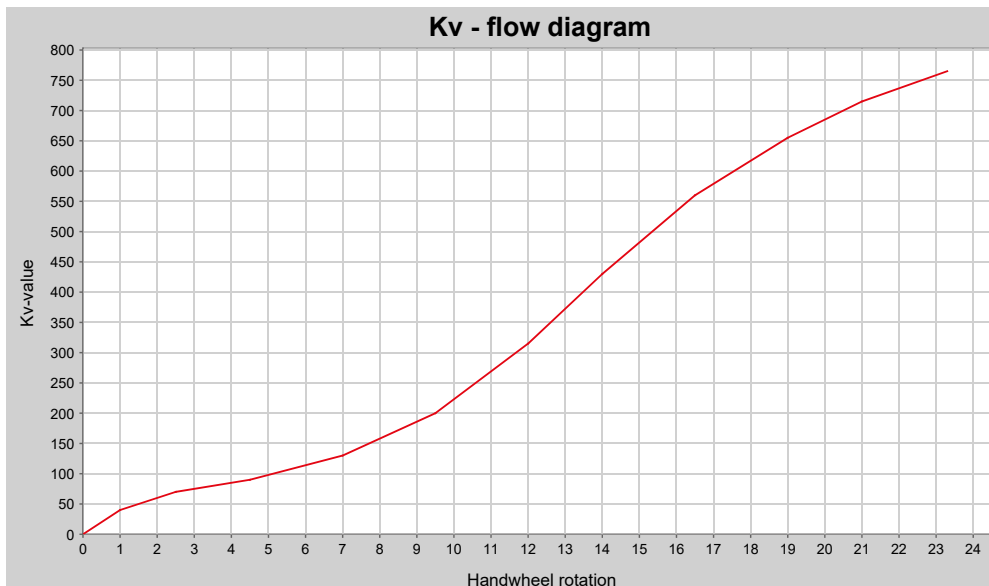
max. permissible flow speed:

Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN250 / PN16-40
 Regulating plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1,0	40,0
2,5	70,0
4,5	90,0
7,0	130,0
9,5	200,0
12,0	315,0
14,0	430,0
16,5	560,0
19,0	655,0
21,0	715,0
23,3	765,0

max. permissible differential pressure in throttling function 0,8 bar.

max. permissible flow speed:

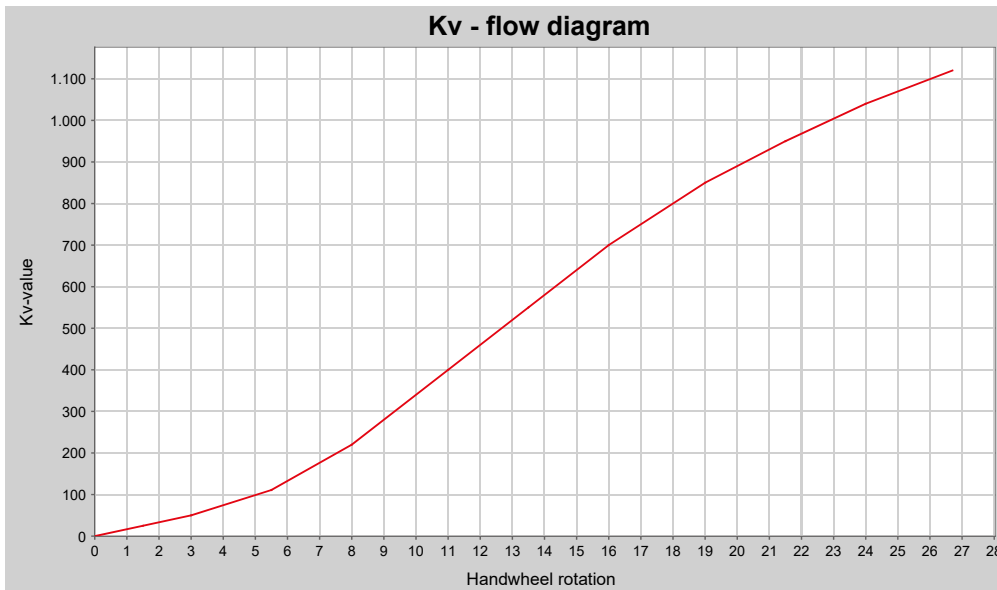
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN300 / PN16-40
Regulating plug
with marginal seat



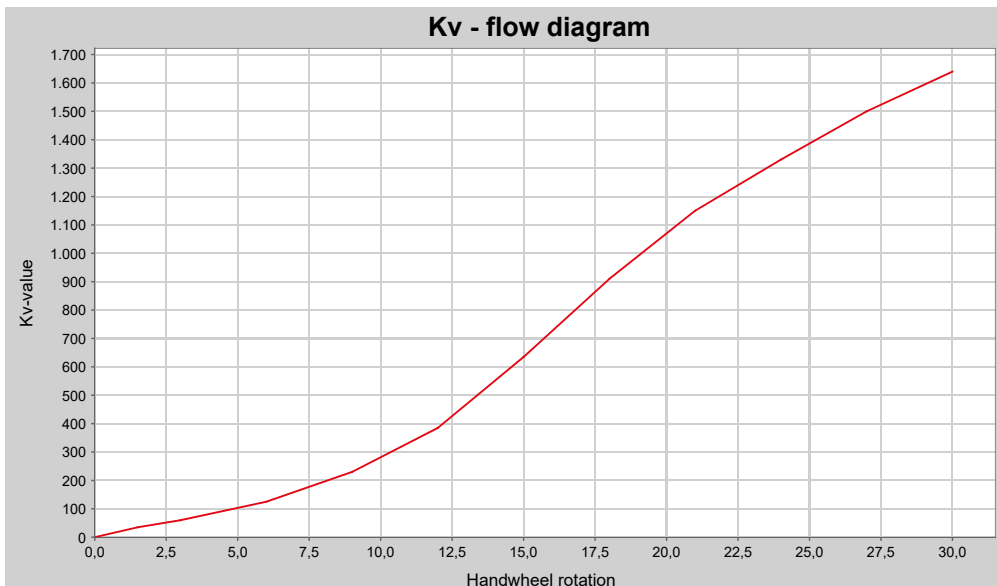
Handwheel rotation	Kv-value [m³/h]
1,5	25,0
3,0	50,0
5,5	111,0
8,0	220,0
11,0	400,0
13,5	550,0
16,0	700,0
19,0	850,0
21,5	950,0
24,0	1040,0
26,7	1120,0

max. permissible differential pressure in throttling function 0,5 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN350 / PN16-40
Regulating plug
with marginal seat



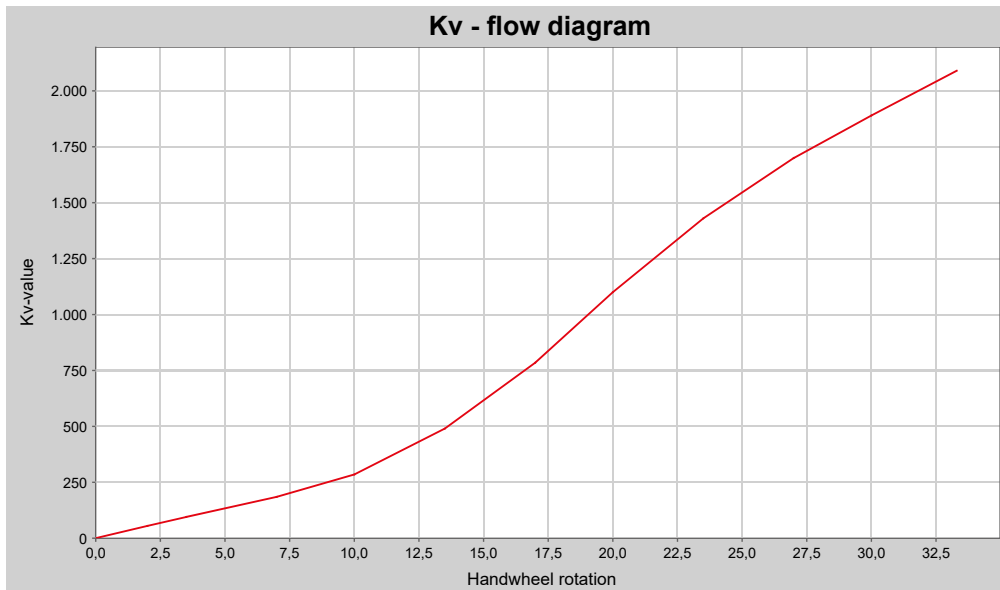
Handwheel rotation	Kv-value [m³/h]
1,5	35,0
3,0	60,0
6,0	125,0
9,0	230,0
12,0	385,0
15,0	635,0
18,0	910,0
21,0	1150,0
24,0	1330,0
27,0	1500,0
30,0	1640,0

max. permissible differential pressure in throttling function 0,5 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN400 / PN16-40
Regulating plug
with marginal seat



Handrad- Umdrehung	Kv-Wert [m³/h]
2,0	55,0
3,5	95,0
7,0	185,0
10,0	285,0
13,5	490,0
17,0	785,0
20,0	1100,0
23,5	1430,0
27,0	1700,0
30,0	1890,0
33,3	2090,0

max. permissible differential pressure in throttling function 0,5 bar.

max. permissible flow speed:

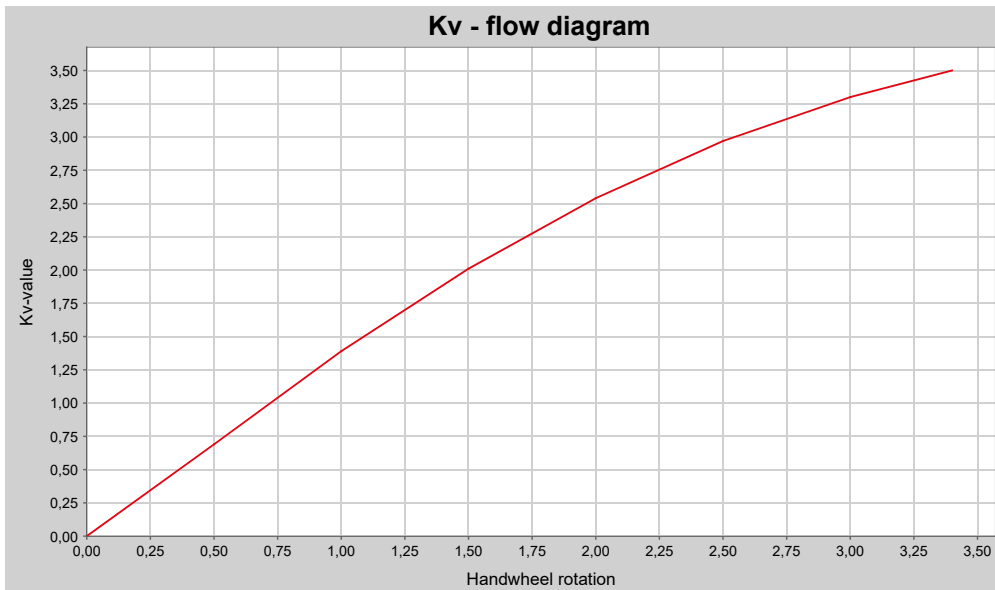
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN15 / PN16-40
Loose plug with marginal seat



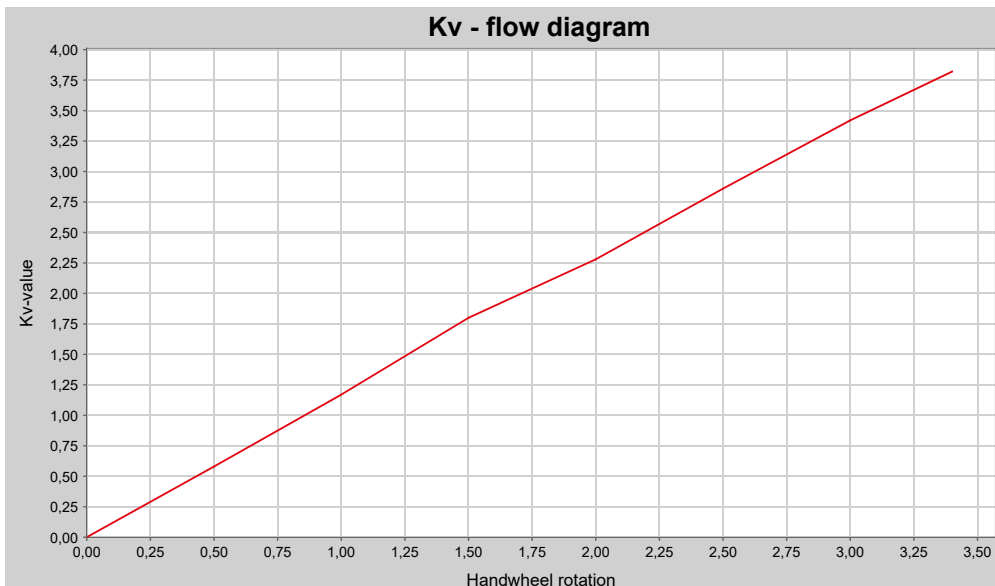
Handwheel rotation	Kv-value [m³/h]
0,5	0,7
1,0	1,4
1,5	2,0
2,0	2,55
2,5	2,95
3,0	3,3
3,4	3,5

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN20 / PN16-40
Loose plug with marginal seat



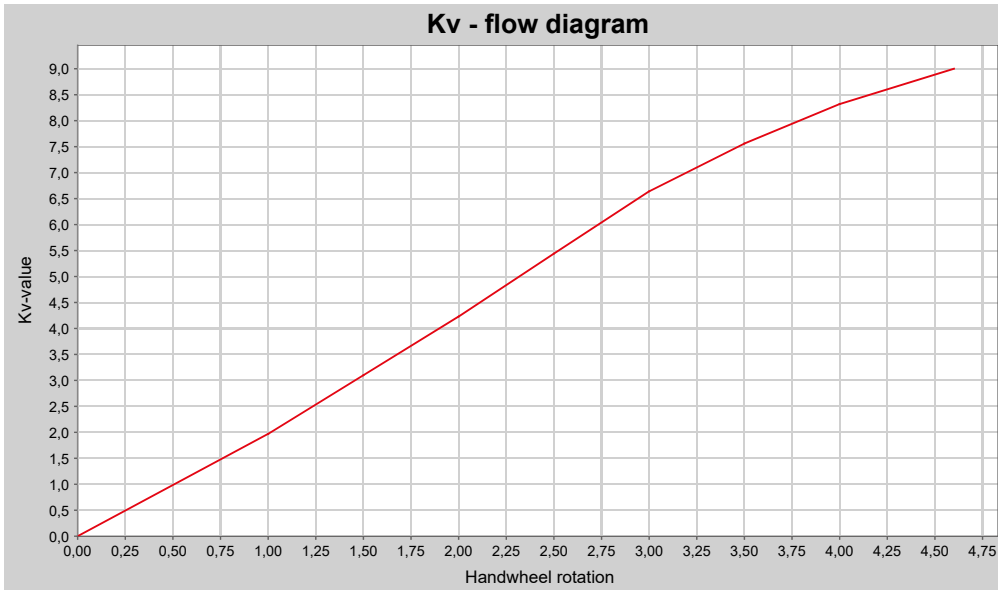
Handwheel rotation	Kv-value [m³/h]
0,5	0,6
1,0	1,15
1,5	1,8
2,0	2,3
2,5	2,85
3,0	3,4
3,4	3,8

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN25 / PN16-40
Loose plug with marginal seat



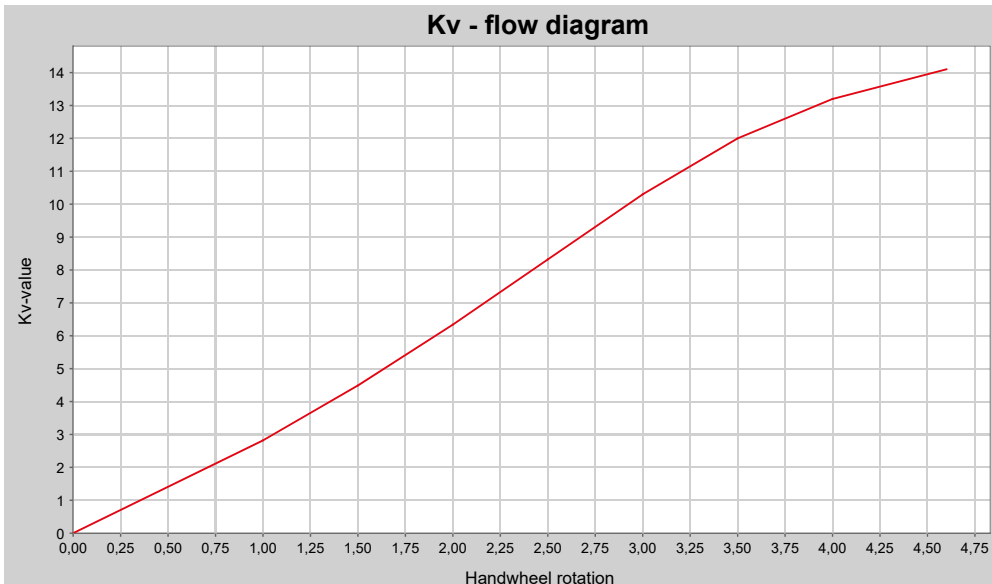
Handwheel rotation	Kv-value [m³/h]
1,0	2,0
1,5	3,1
2,0	4,25
2,5	5,45
3,0	6,65
3,5	7,55
4,0	8,3
4,6	9,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN32 / PN16-40
Loose plug with marginal seat



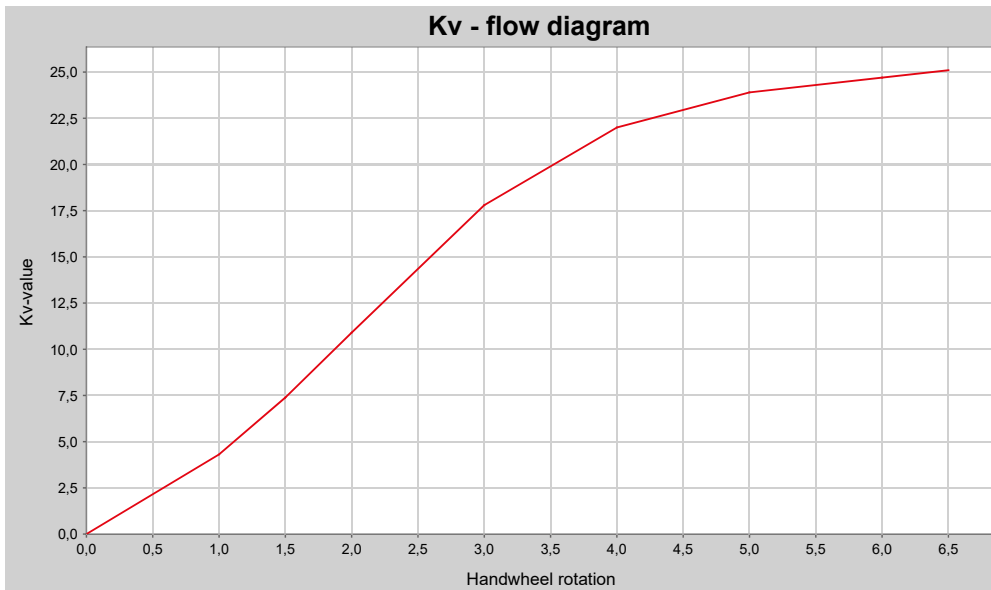
Handwheel rotation	Kv-value [m³/h]
1,0	2,8
1,5	4,5
2,0	6,35
2,5	8,3
3,0	10,3
3,5	12,0
4,0	13,2
4,6	14,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN40 / PN16-40
Loose plug with marginal seat



Handwheel rotation	Kv-value [m³/h]
1,0	4,3
1,5	7,4
2,0	10,9
3,0	17,8
4,0	22,0
5,0	23,9
6,0	24,7
6,5	25,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

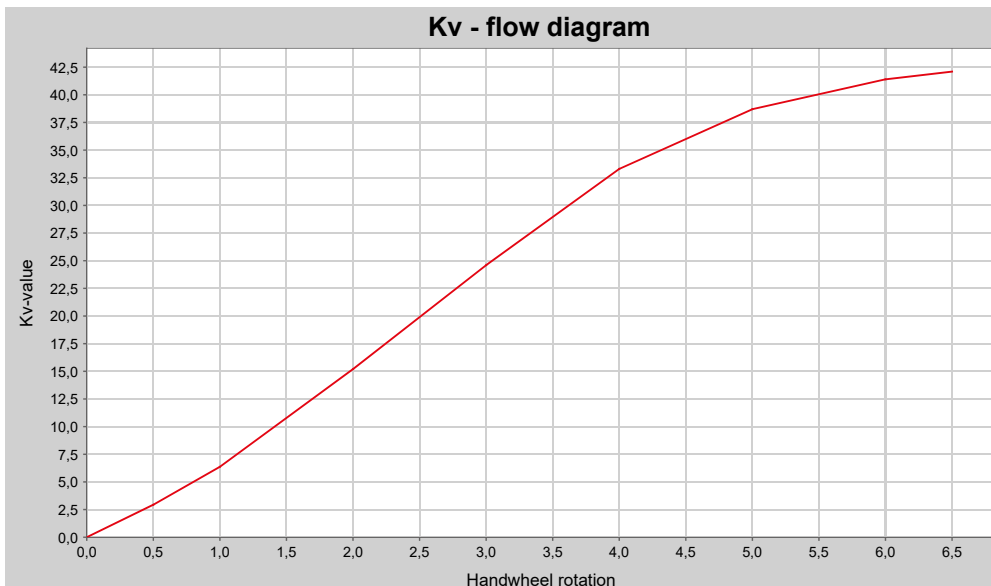
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN50 / PN16-40
Loose plug with marginal seat



Handwheel rotation	Kv-value [m³/h]
0,5	2,95
1,0	6,35
2,0	15,2
3,0	24,6
4,0	33,3
5,0	38,7
6,0	41,4
6,5	42,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

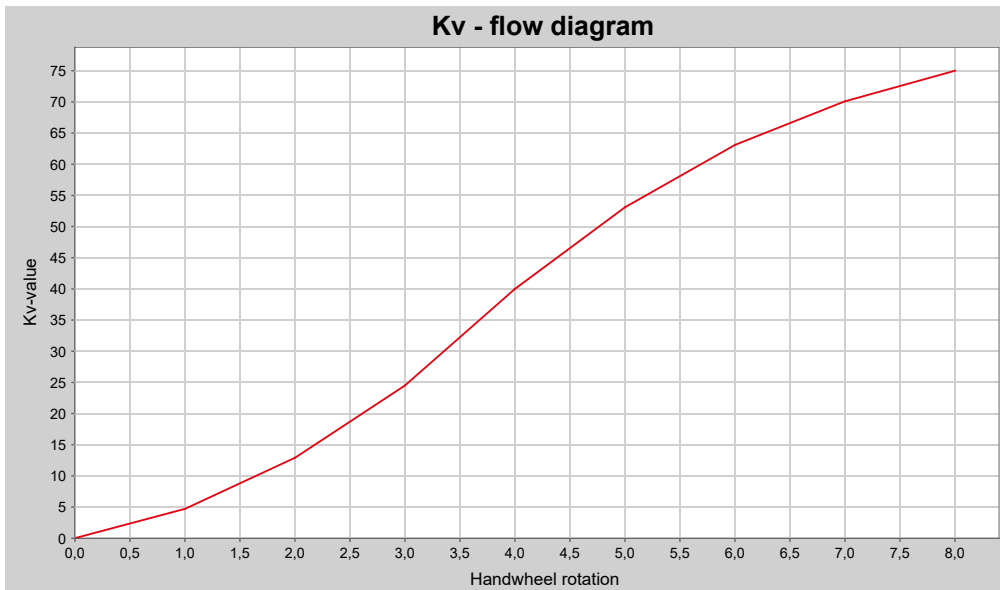
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN65 / PN16-40
Loose plug with marginal seat



Handwheel rotation	Kv-value [m³/h]
1,0	4,7
2,0	12,9
3,0	24,5
4,0	40,0
5,0	53,1
6,0	63,1
7,0	70,1
8,0	75,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

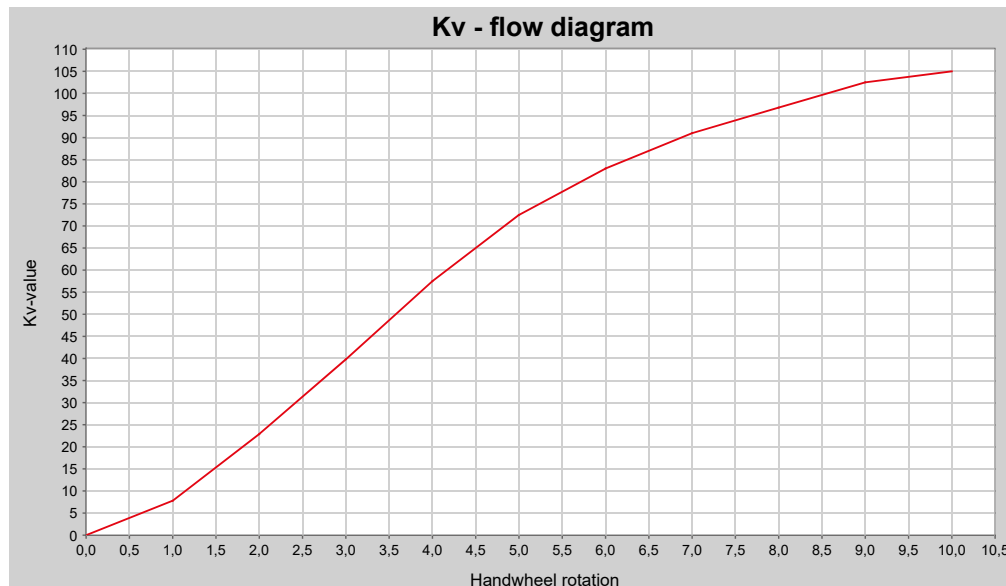
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN80 / PN16-40
Loose plug with marginal seat



Handwheel rotation	Kv-value [m³/h]
1,0	7,8
2,0	22,9
3,0	39,8
4,0	57,5
5,0	72,5
6,0	83,0
7,0	91,0
8,0	96,8
9,0	102,5
10,0	105,0

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

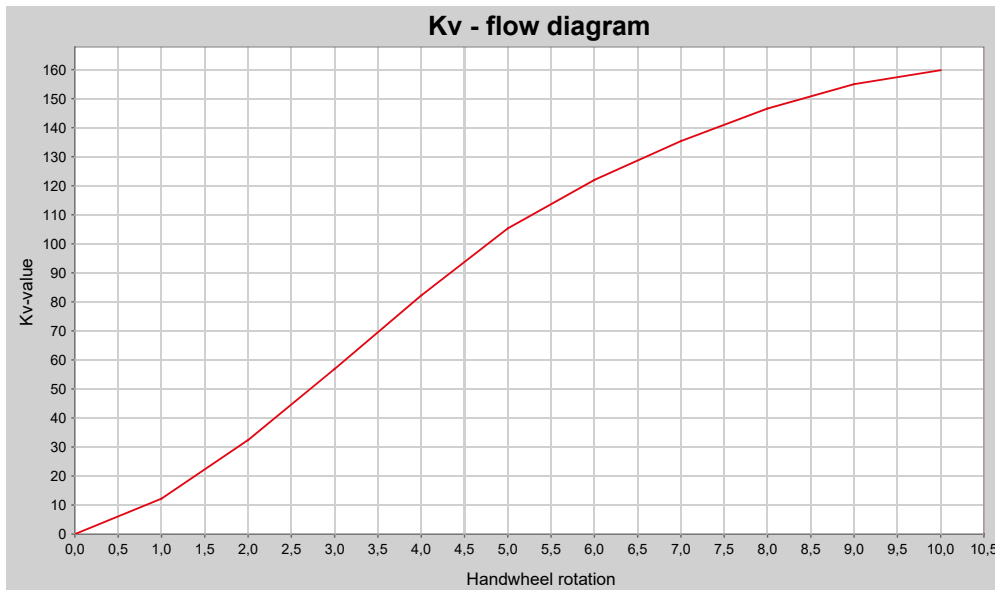
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN100 / PN16-25
Loose plug with marginal seat



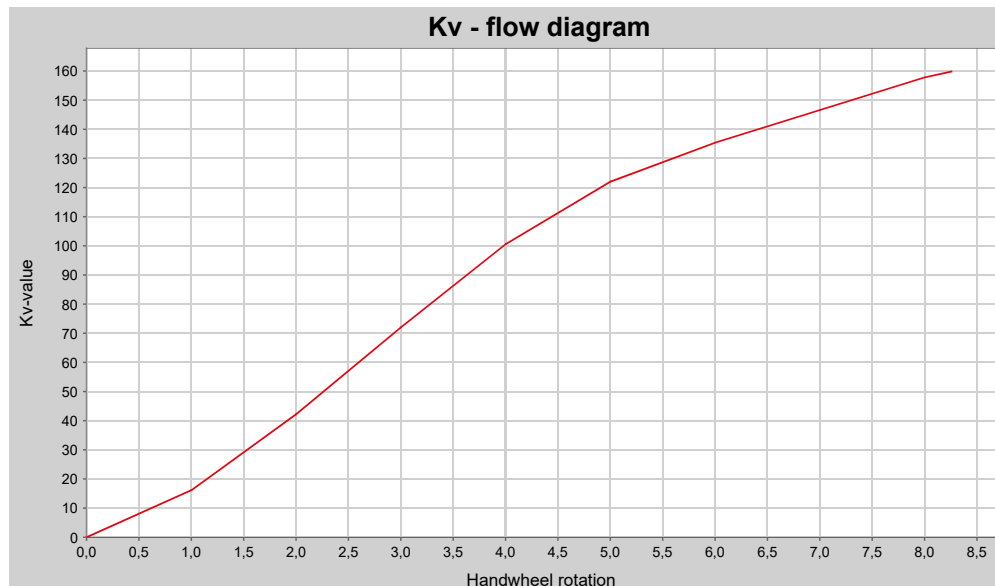
Handwheel rotation	Kv-value [m³/h]
1,0	12,2
2,0	32,4
3,0	56,9
4,0	82,2
5,0	105,3
6,0	122,0
7,0	135,4
8,0	146,6
9,0	155,0
10,0	160,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN100 / PN40
Loose plug with marginal seat



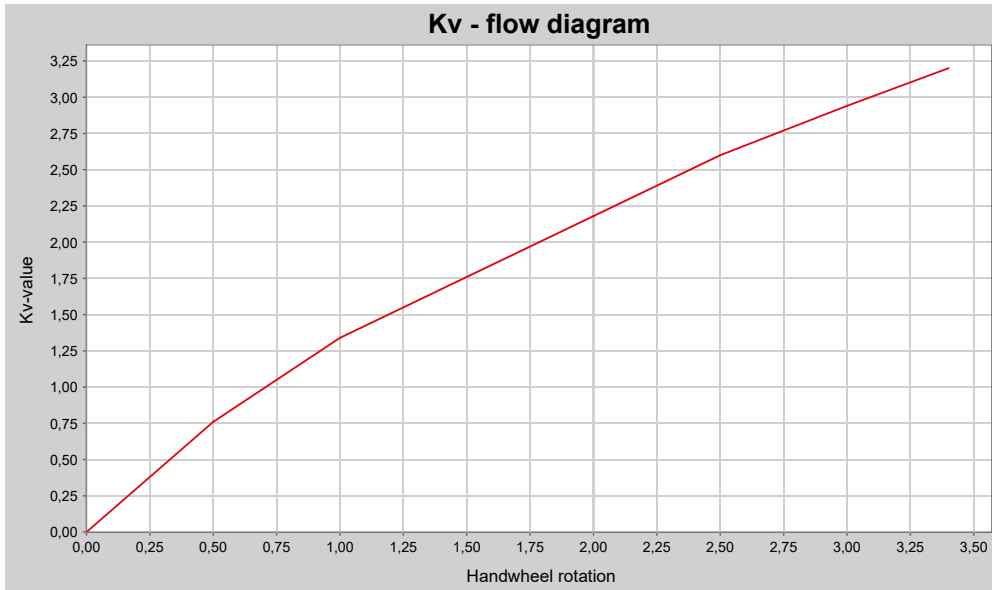
Handwheel rotation	Kv-value [m³/h]
1,0	16,3
2,0	42,2
3,0	72,0
4,0	100,6
5,0	122,0
6,0	137,6
7,0	150,0
8,0	157,9
8,3	160,0

max. permissible differential pressure in throttling function 1,5 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN15 / PN16-40
Loose regulating plug
with marginal seat



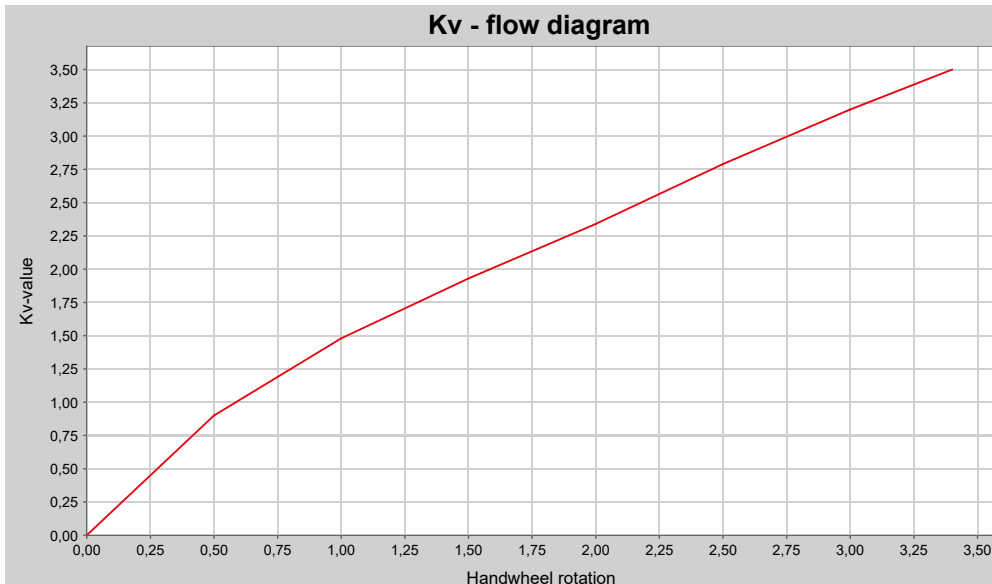
Handwheel rotation	Kv-value [m³/h]
0,5	0,75
1	1,35
1,5	1,75
2	2,2
2,5	2,6
3	2,95
3,4	3,2

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN20 / PN16-40
Loose regulating plug
with marginal seat



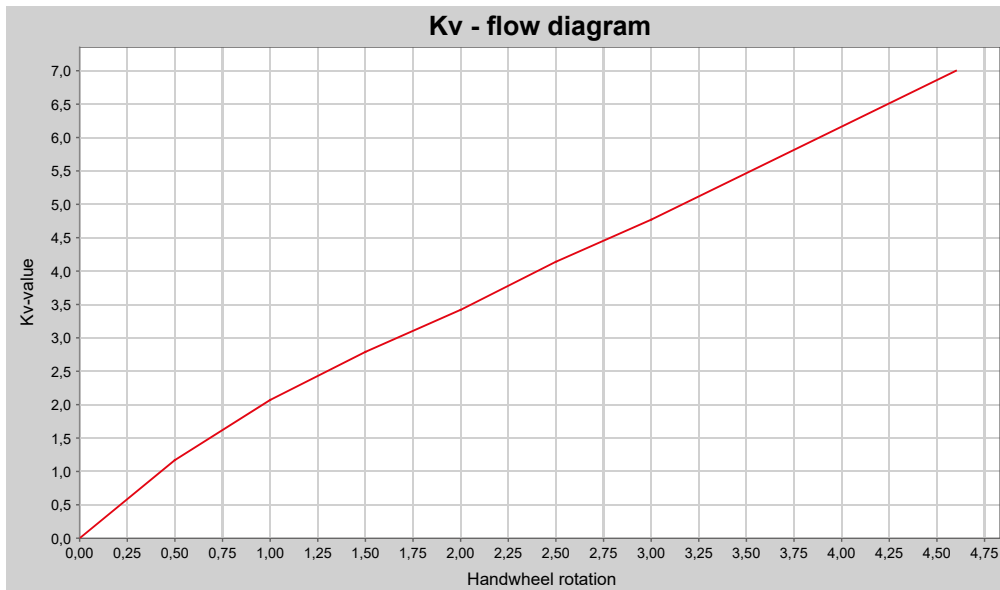
Handwheel rotation	Kv-value [m³/h]
0,5	0,9
1	1,5
1,5	1,95
2	2,35
2,5	2,8
3	3,2
3,4	3,5

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN25 / PN16-40
Loose regulating plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
0,5	1,15
1	2,05
1,5	2,8
2	3,4
2,5	4,15
3	4,75
4,6	7

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

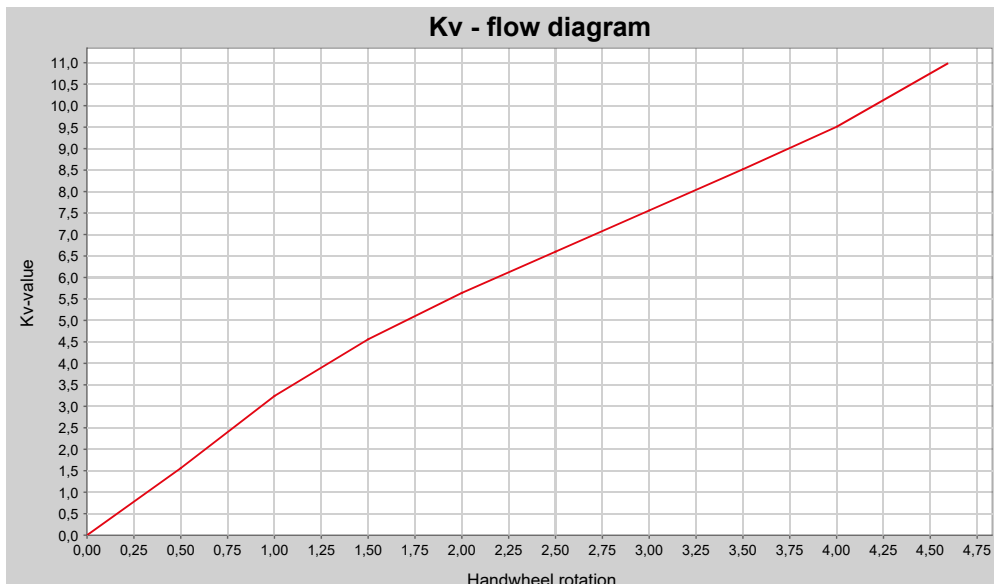
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN32 / PN16-40
Loose regulating plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
0,5	1,55
1	3,25
1,5	4,55
2	5,65
2,5	6,6
3	7,55
3,5	8,5
4	9,5
4,5	10,8
4,6	11

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

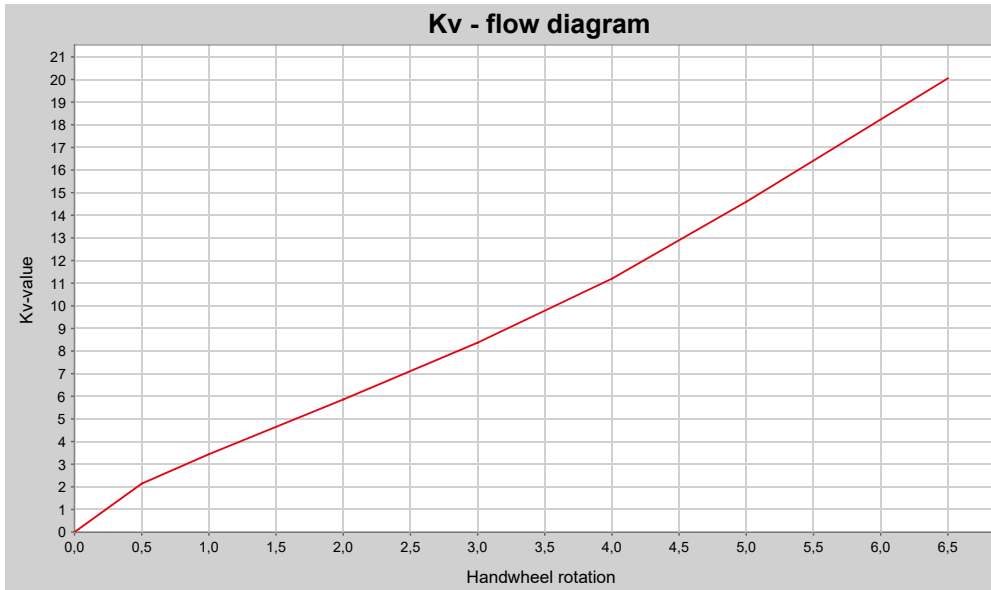
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN40 / PN16-40
Loose regulating plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
0,5	2,15
1	3,45
1,5	4,65
2	5,85
3	8,35
4	11,2
5	14,6
6,5	20

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

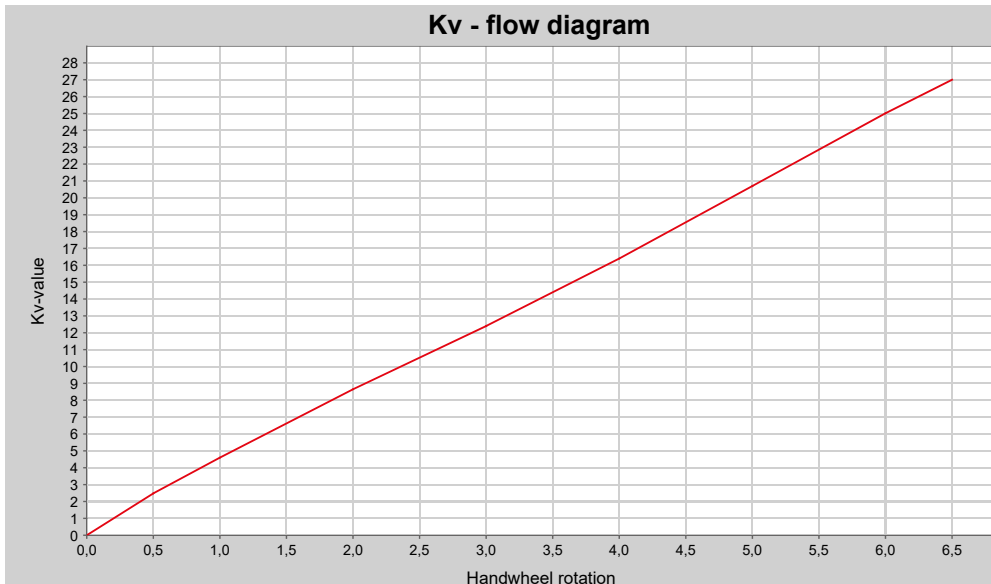
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN50 / PN16-40
Loose regulating plug
with marginal seat



Handwheel rotation	Kv-value [m³/h]
0,5	2,5
1	4,6
2	8,65
3	12,4
4	16,4
5	20,7
6	24,9
6,5	27

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:

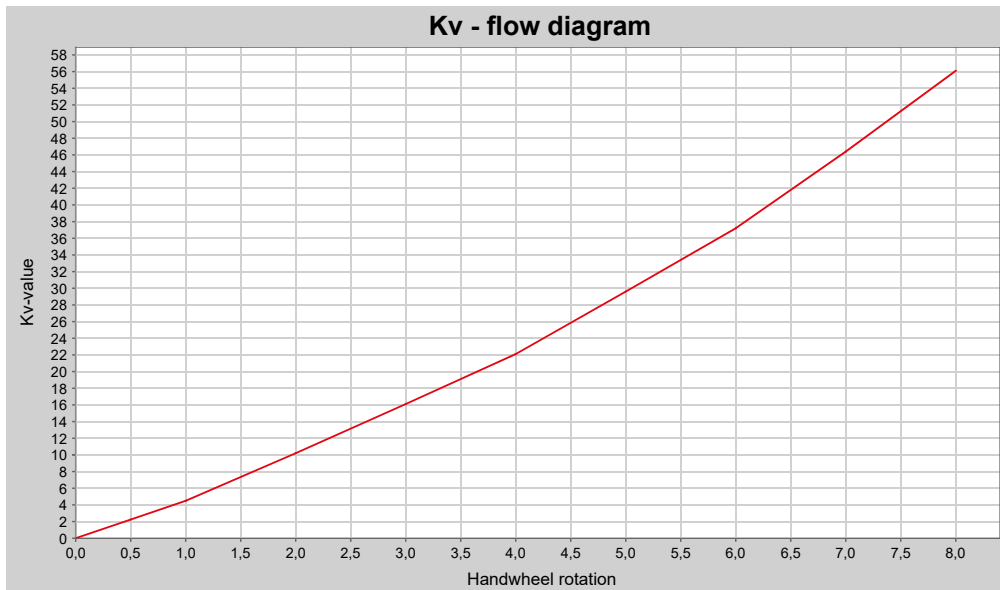
Liquids ≤ 4 m/s,

Gases and vapours ≤ 60 m/s

Condition:

The flow must be free from cavitation.

DN65 / PN16-40
Loose regulating plug
with marginal seat



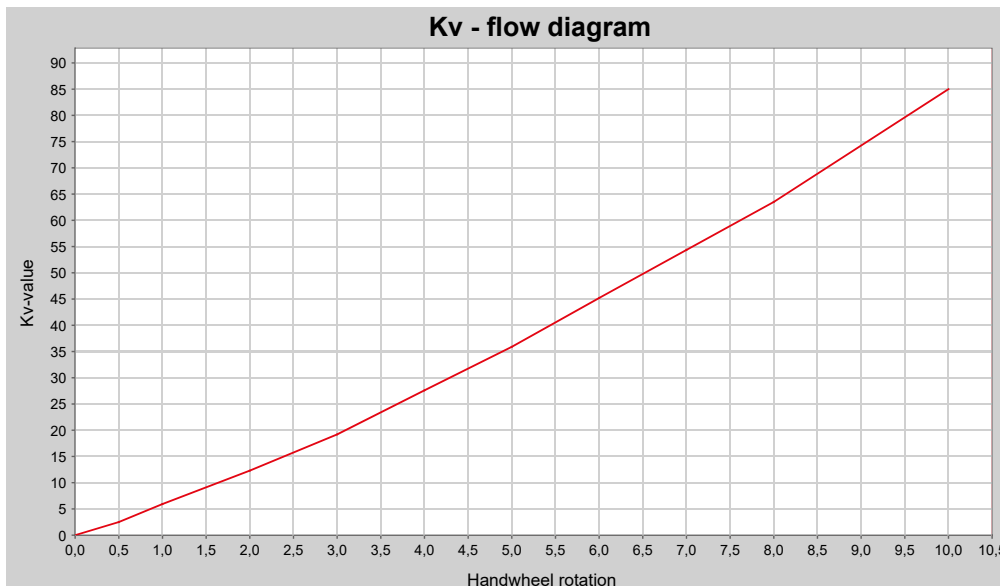
Handwheel rotation	Kv-value [m³/h]
0,5	2,25
1	4,5
2	10,2
3	16,1
4	22,1
5	29,6
6	37,2
7	46,3
8	56

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

DN80 / PN16-40
Loose regulating plug
with marginal seat

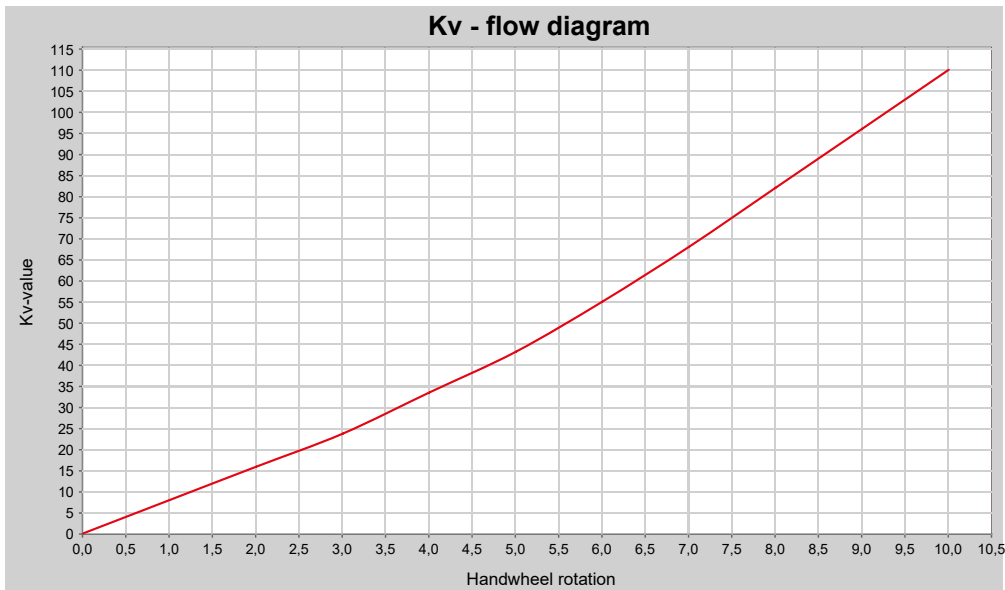


Handwheel rotation	Kv-value [m³/h]
0,5	2,5
1	5,95
2	12,3
3	19,2
4	27,6
5	35,9
6	45,2
7	54,5
8	63,5
10	80

max. permissible differential pressure in throttling function 2,0 bar.

max. permissible flow speed:
Liquids ≤ 4 m/s,
Gases and vapours ≤ 60 m/s

Condition:
The flow must be free from cavitation.

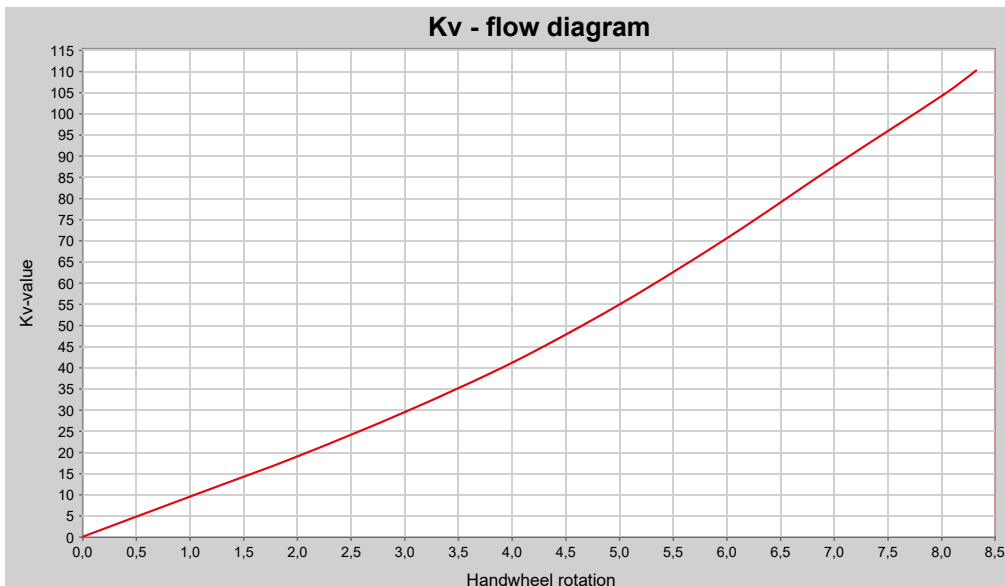
DN100 / PN16-25
 Loose regulating plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1	7,9
2	15,85
3	23,65
4	33,45
5	43,1
6	55
7	68
8	82
9	96
10	110

max. permissible differential pressure in throttling function 1,0 bar.

max. permissible flow speed:
 Liquids ≤ 4 m/s,
 Gases and vapours ≤ 60 m/s

Condition:
 The flow must be free from cavitation.

DN100 / PN40
 Loose regulating plug
 with marginal seat


Handwheel rotation	Kv-value [m³/h]
1	9,5
2	19
3	29,5
4	41,2
5	55
6	70,7
7	87,75
8	104,35
8,3	110

max. permissible differential pressure in throttling function 1,0 bar.

max. permissible flow speed:
 Liquids ≤ 4 m/s,
 Gases and vapours ≤ 60 m/s

Condition:
 The flow must be free from cavitation.