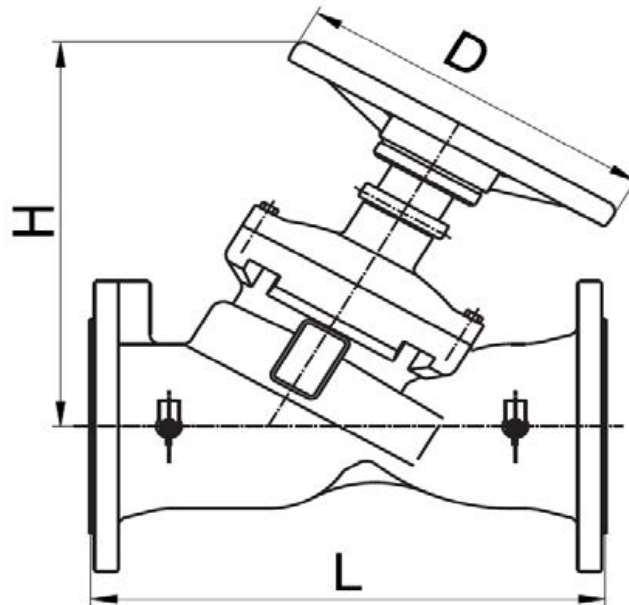


## Circuit Regulating Valve for Differential Pressure Measurement, flanged version, Screw-down model, with Test Points

Data sheet for 5 4218, Issue 1021

5 4218 with test points



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DN	mm	65	80	100	125	150	200	250	300
	inch	2 1/2"	3	4	5	6	8	10	12
<b>Order #</b>		5 4218 21	5 4218 22	5 4218 23	5 4218 24	5 4218 25	5 4218 26	5 4218 27	5 4218 28
<b>L</b>		290	310	350	400	480	600	730	850
<b>H</b>		265	270	310	340	340	537	570	690
<b>D</b>		200	200	240	290	290	350	420	420

**Technical Data**

Working pressure	25 bar
Testing pressure	Shell: 37.5 bar Seal: 27.5 bar
Working temperature	-10°C to 120°C

**Material Specification**

Body:	Ductile iron, A536 65-45-12
Bonnet:	Ductile iron, A536 65-45-12
Stem:	Stainless Steel 410
Disc:	EPDM Coated Ductile iron, A536 65-45-12
Handwheel:	Ductile iron, A536 65-45-12
Packing:	Graphite, Asbestos free
Stem Nut:	Brass B453
Gland:	Brass/Ductile iron

**Models**

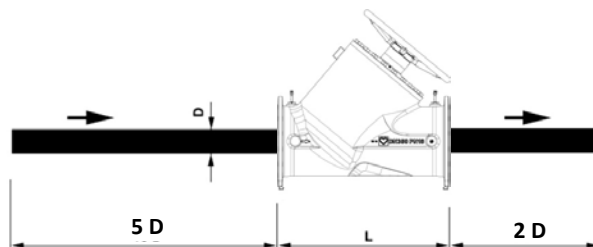
Circuit regulating valve with test points, DN 65 - 300 Screw-down model, Ductile iron A536 65-45-12, flange acc. EN 1092: PN 25, blue enamel coating. Nodular Iron A536 65-45-12, with non-rising spindle with stem made of stainless steel 410, asbestos free packing and position indicator for valve presetting.

**Operational data**

Water purity in accordance with the OENORM H 5195 and VDI 2035 standards

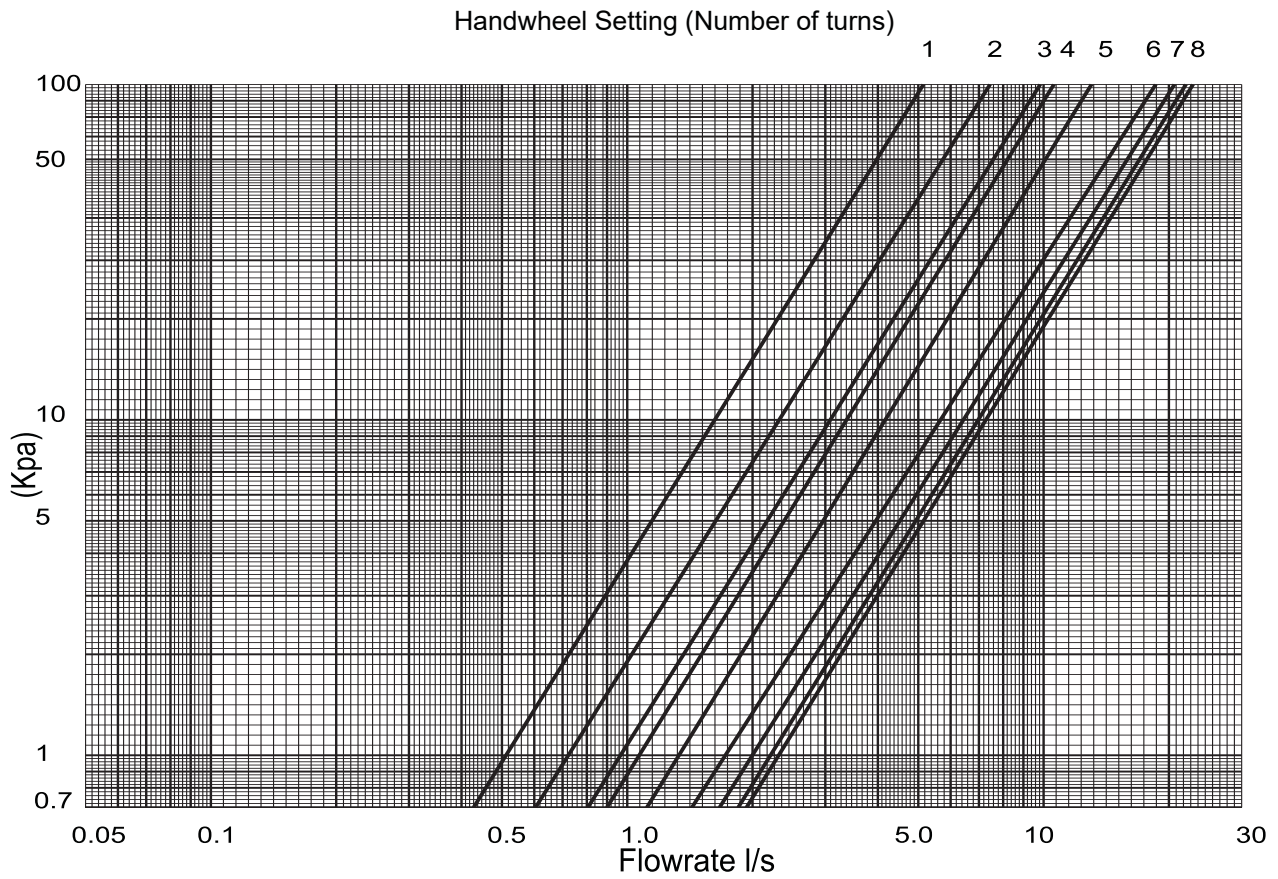
Ethylene and propylene glycol can be mixed to a ratio of 25 - 50 vol. [%]

Ammonia contained in hemp can damage brass valve bodies, EPDM gaskets can be affected by Mineral oil lubricants and thus lead to failure of the EPDM seals. Please refer to manufacturers documentation when using ethylene glycol products for frost and corrosion protection.

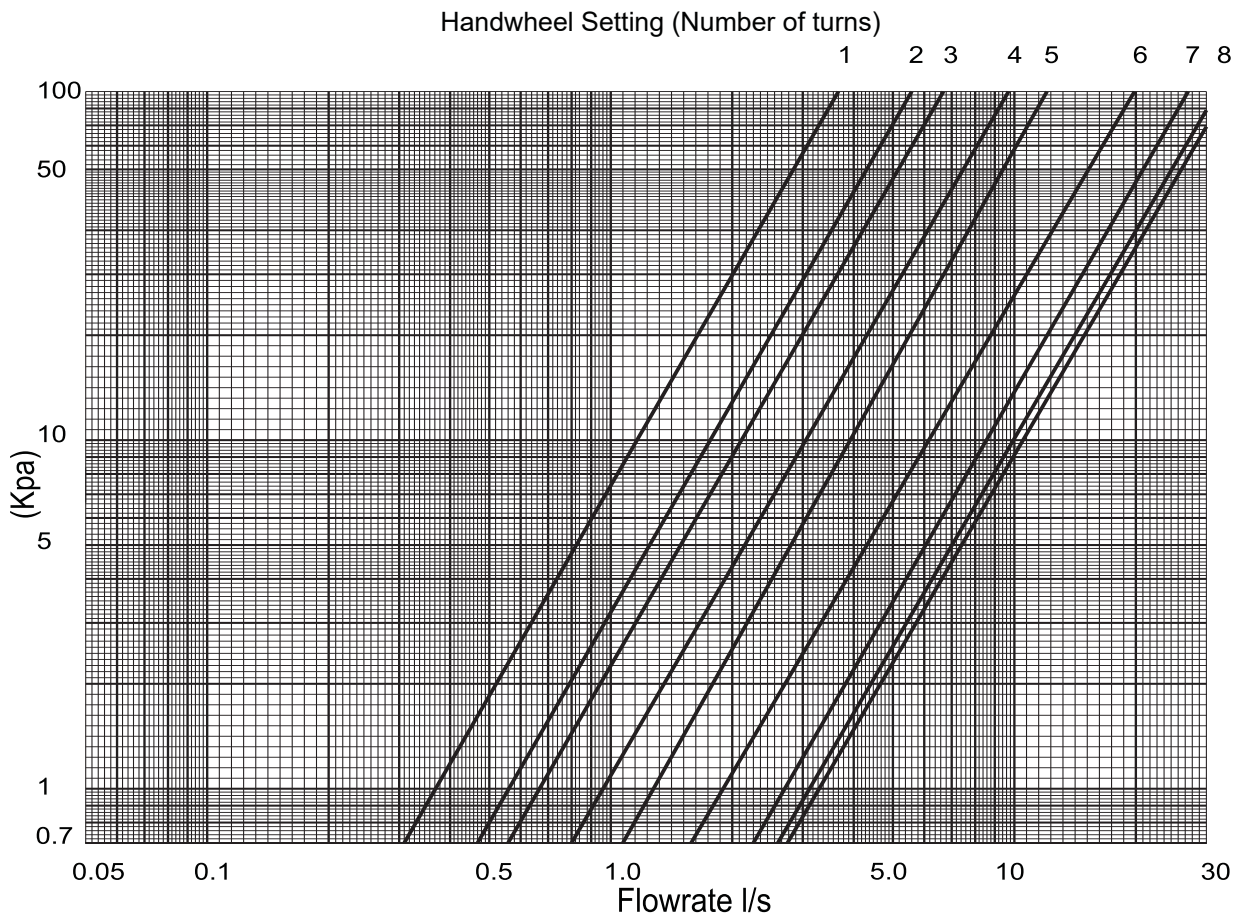


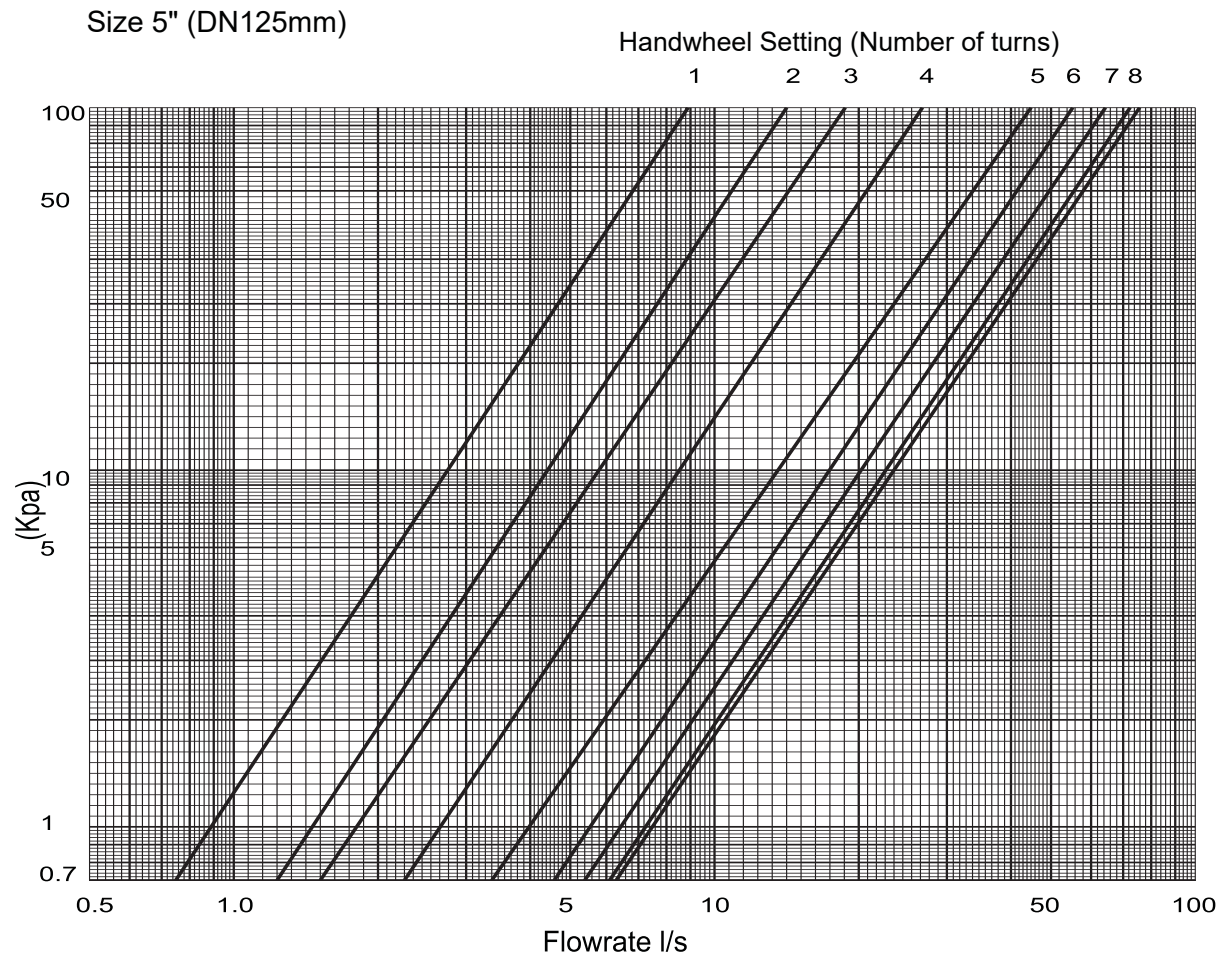
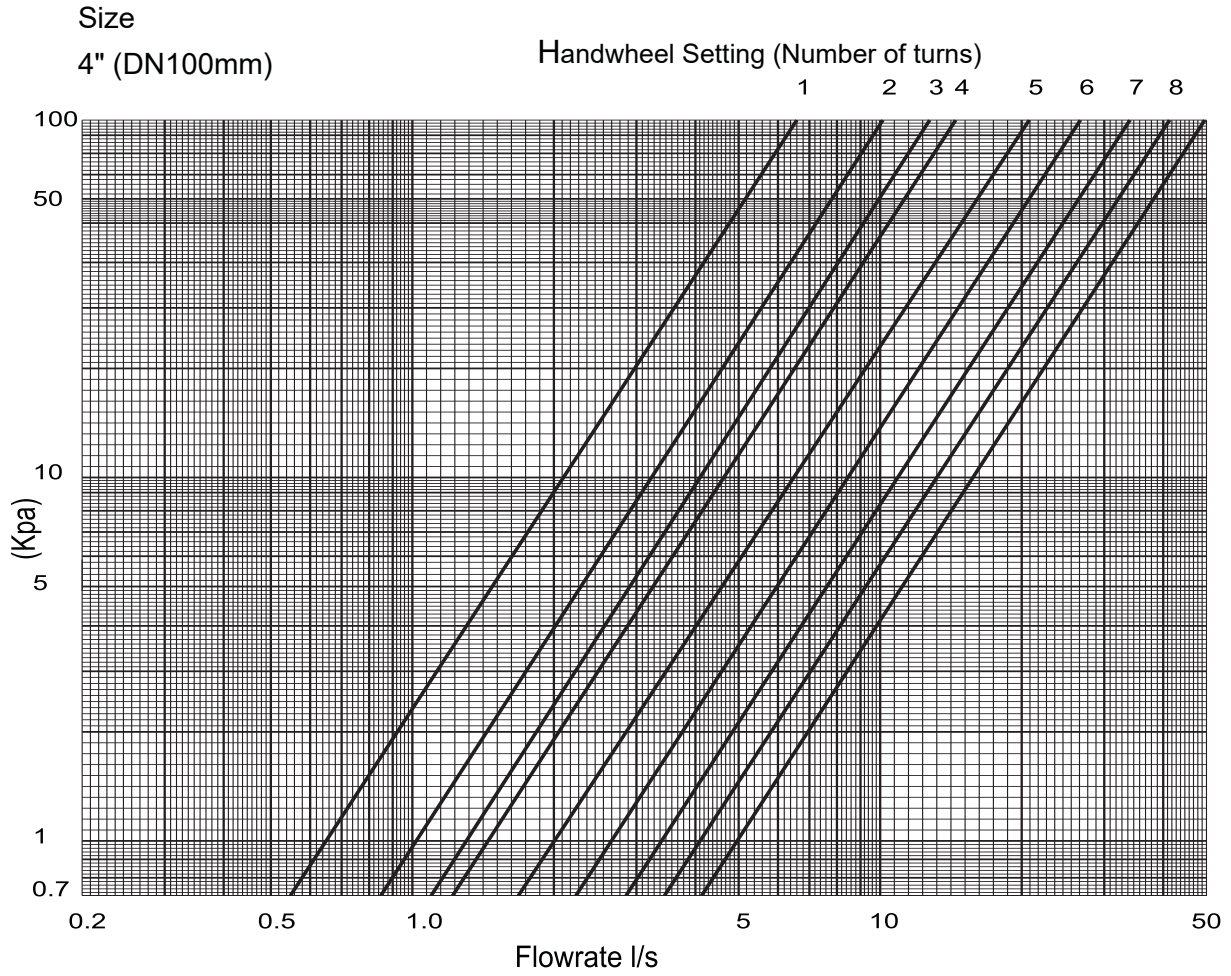
DN	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
<b>Kvs</b>	83.8	119.5	178.7	272.7	380	608	1292	1791
<b>Pos</b>								
1	18.6	13.3	23.6	32.2	48	41	97	63
2	26.8	20	36.6	55.6	75	61	146	113
3	35.4	24.1	48.5	68.8	110	82	177	174
4	38.7	34.9	55.2	98	162	99	232	245
5	49.4	45.9	75.2	145.7	233	161	368	397
6	65.5	71.6	97.9	199.1	294	215	543	628
7	74.6	98.8	123.9	231.7	346	271	695	792
8	80.2	113.7	149.4	260.5	371	339	832	873
9	-	-	-	-	-	413	960	1002
10	-	-	-	-	-	482	1045	1112
11	-	-	-	-	-	546	1151	1223
12	-	-	-	-	-	-	1249	1331
13	-	-	-	-	-	-	-	1383
14	-	-	-	-	-	-	-	1444
15	-	-	-	-	-	-	-	1505
16	-	-	-	-	-	-	-	1639
17	-	-	-	-	-	-	-	1707
18	-	-	-	-	-	-	-	1730

Size 2-1/2" (DN65mm)

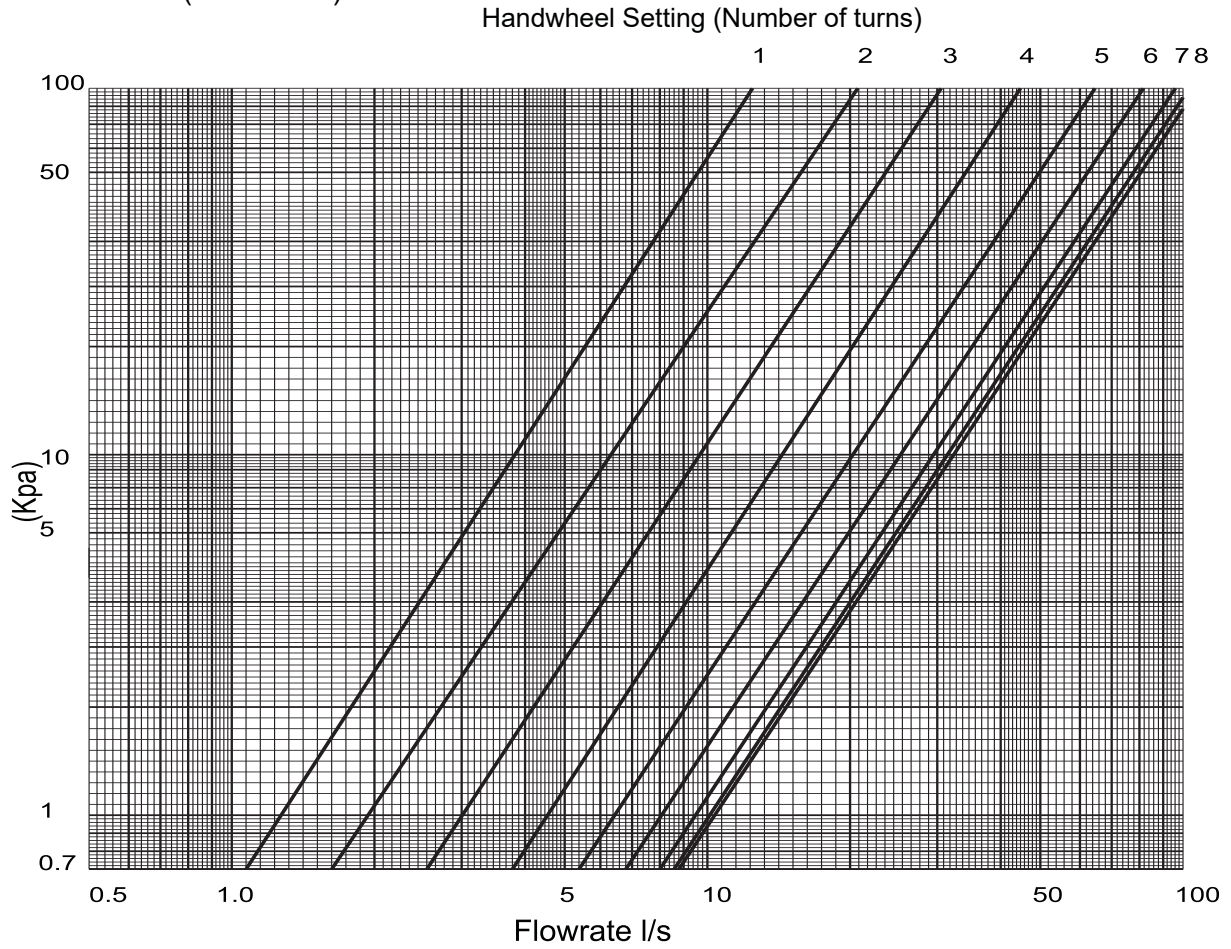


Size 3" (DN80mm)

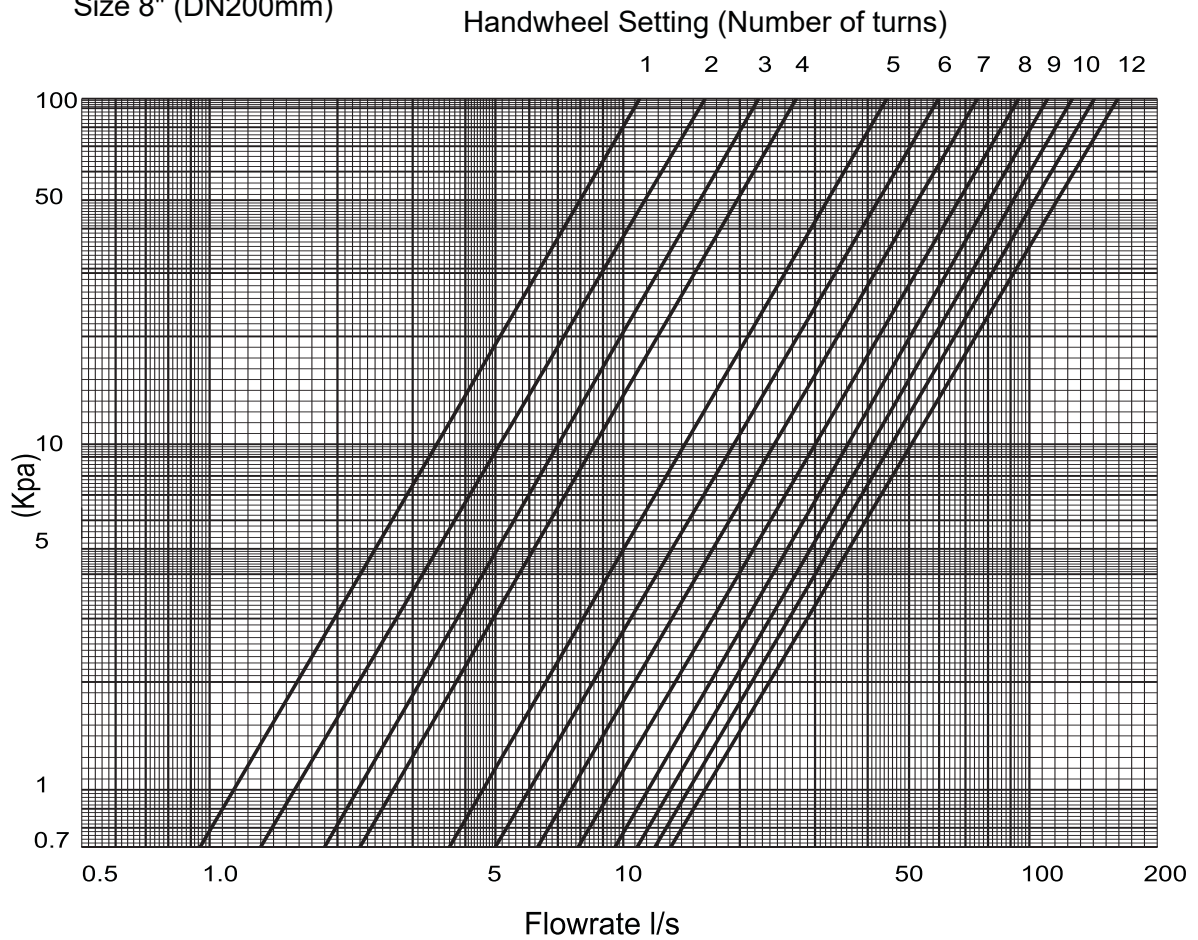




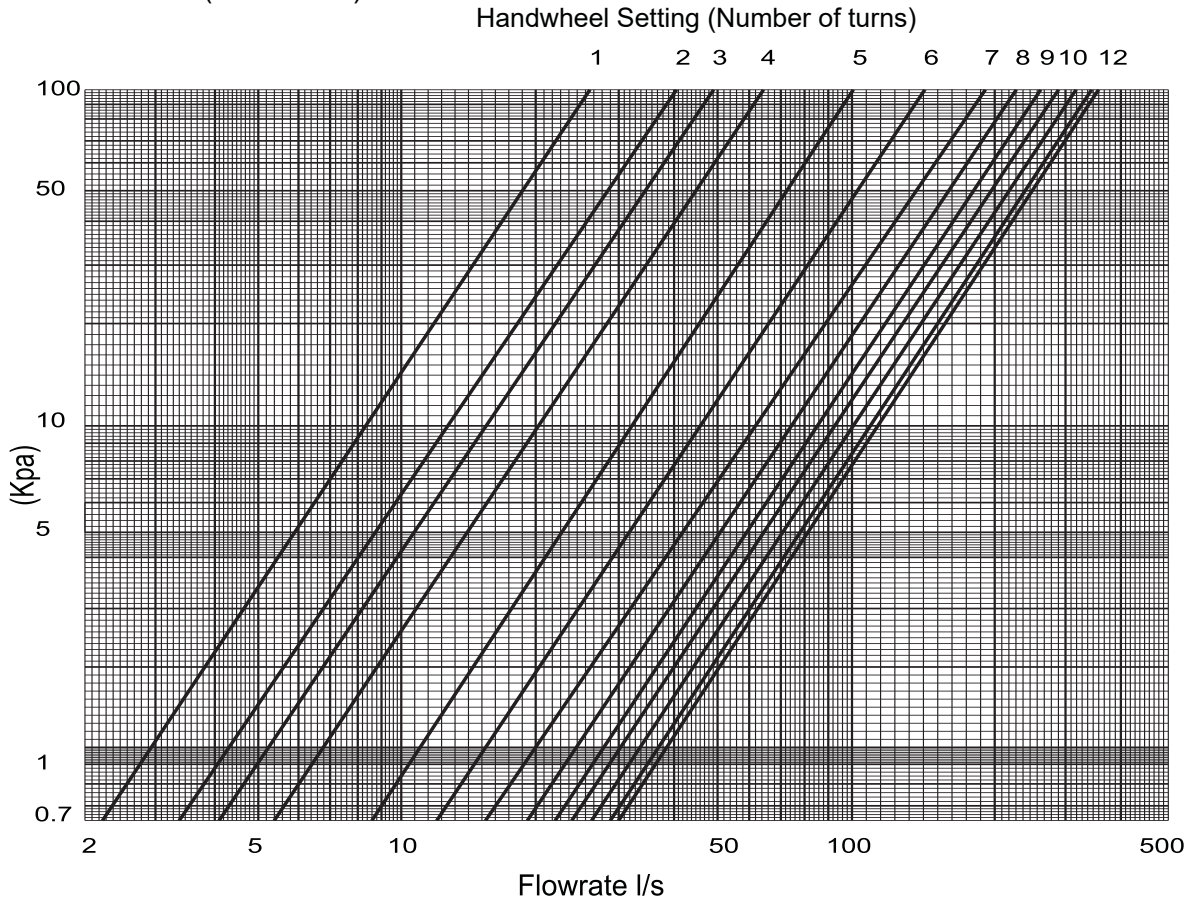
Size 6" (DN150mm)



Size 8" (DN200mm)



Size 10" (DN250mm)



Size 12" (DN300mm)

