



SERTİFİKA / CERTIFICATE



### TEKNİK ÖZELLİKLER / TECHNICAL SPECIFICATIONS

<b>Basınç Sınıfı</b>	: PN16
<b>Gövde</b>	: Sfero döküm
<b>Klape</b>	: Karbon Çelik / Sfero Döküm - EPDM Kaplı
<b>Bağlantı Tipi</b>	: Flanşlı
<b>Pressure Rating</b>	: PN16
<b>Body</b>	: Ductile iron
<b>Disc</b>	: Carbon Steel / Ductile Iron -EPDM Coated
<b>Connection Type</b>	: Flanged

Ürün / Product	Ölçü / Size
DRV-0201X050	DN50
DRV-0201X065	DN65
DRV-0201X080	DN80
DRV-0201X100	DN100
DRV-0201X125	DN125
DRV-0201X150	DN150
DRV-0201X200	DN200
DRV-0201X250	DN250
DRV-0201X300	DN300

### GENEL ÖZELLİKLER / GENERAL PROPERTIES

**Standart No / Standard No** : EN 1092-2 PN 10/16 , ANSI B 16 .1 Class125 / Flanged and Drilling complies with EN 1092-2 PN 10/16 , ANSI B 16 .1 Class125.

**Basınç Sınıfı / Pressure Rating** : PN16 / 250 psi

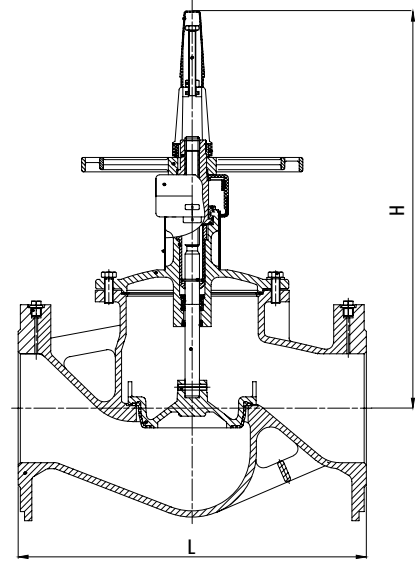
**Maksimum Çalışma Sıcaklığı / Maximum Working Temperature** : 120 °C (Kısa süreli 130 °C / Short run 130 °C)

**Akışkan / Medium** : Su, glikollü su / Water, water-glycol mixture

### MALZEME / MATERIAL

Parça Adı / Part Name	Malzeme / Material	EN Şartname / EN Specification
Gövde / Body	Sfero Döküm / Ductile Iron	EN 1563, EN-GJS-450-10
Klape / Disc	DN65-DN80: EPDM'li Karbon Çelik / Carbon Steel with EPDM DN100-DN200: EPDM'li Sfero Döküm / Ductile Iron with EPDM	
Pim / Pin	Paslanmaz Çelik / Stainless Steel	EN 10088 X5CrNi18-10
Mil / Stem	Paslanmaz Çelik / Stainless Steel	EN 10088 X20Cr13
Back Seal Ring	Kauçuk NBR / Rubber NBR	EN681
Tapa / Plug	Dövülebilir Demir / Malleable Iron	EN1562 EGJMB-350-10
Burç / Bushing	POM	POM
O-ring	Kauçuk NBR / Rubber NBR	EN681
Kapak / Bonnet	Sfero Döküm / Ductile Iron	EN1563, EN-GJS-450-10
Kapak / Cover	Plastik / Plastic	Plastik / Plastic
Kol Kılavuzu / Guide Sleeve	Naylon / Nylon	Naylon / Nylon
İndikatör / Indicator	Assembly	
Volan / Handwheel	Sfero Döküm / Ductile Iron	EN 1563 GJS-45-10
Mil Somunu / Stem Nut	Karbon Çelik / Carbon Steel	EN 10083 C45
Somun / Nut	Karbon Çelik / Carbon Steel	Grade 8
Civata / Bolt	Karbon Çelik / Carbon Steel	Grade 8.8
Koruma Kapağı / Protection Cap	Plastik / Plastic	Plastik / Plastic
Somun / Nut	Prinç / Brass	EN 12164 CuZn39Pb1
Burç / Washer	Paslanmaz Çelik / Stainless Steel	EN 10088 X5CrNi18-10
Pim / Pin	Paslanmaz Çelik / Stainless Steel	EN 10088 X5CrNi18-10
Tutucu Halka / Snap Ring	Karbon Çelik / Carbon Steel	Karbon Çelik / Carbon Steel
Civata / Bolt	Karbon Çelik / Carbon Steel	Grade 8.8
Conta / Gasket	Grafit / Graphite + 55304	Grafit / Graphite + 55304

### TEKNİK RESİM / TECHNICAL DRAWING



### ÖLÇÜ TABLOSU / DIMENSIONS

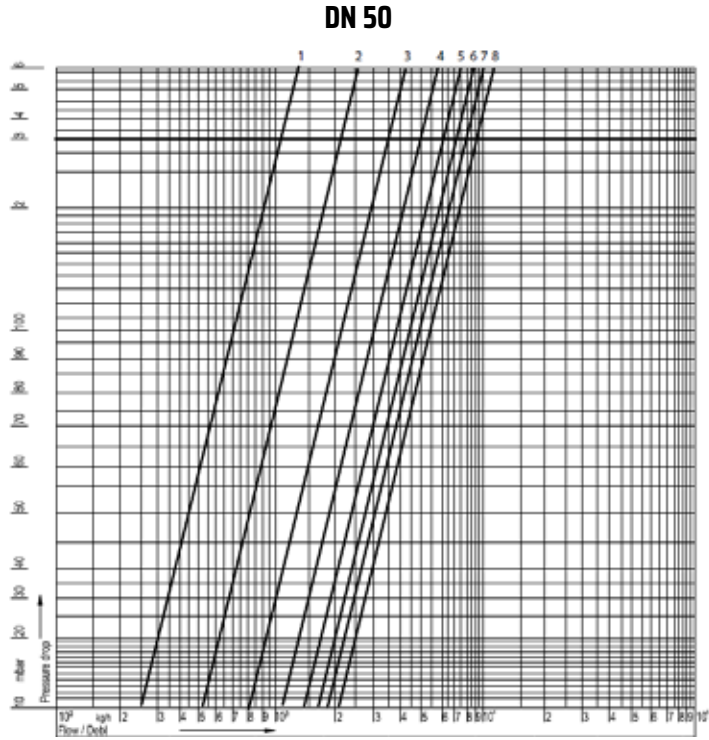
DN	Inch	L [mm]	T [mm]	Kv
50	2"	230	280	42,09
65	2 1/2"	290/11.4	450/17.7	74,40
80	3"	310/12.2	468/18.4	111,00
100	4"	350/13.8	490/19.3	165,00
125	5"	400/15.7	521/20.5	242,00
150	6"	480/18.9	547/21.5	372,00
200	8"	600/23.6	616/24.3	704,00
250	10"	730/28.7	835/32.9	812,00
300	12"	850/33.5	883/34.8	1.380,00

# DRV-0201

Statik Balans Vanası  
Static Balancing Valve

## AKIŞ DİYAGRAMI / FLOW DIAGRAM

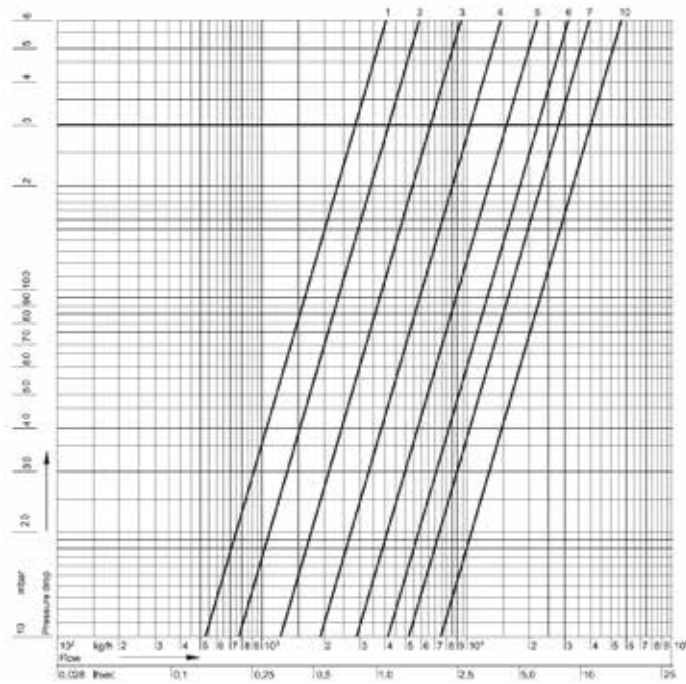
Pre-set	Kv	cv
1	7,12	8,33
2	16,77	19,62
3	24,73	28,93
4	30,18	35,31
5	34,11	39,41
6	37,35	43,70
7	40,35	47,81
8	42,09	49,25



**AKIŞ DİYAGRAMI / FLOW DIAGRAM**

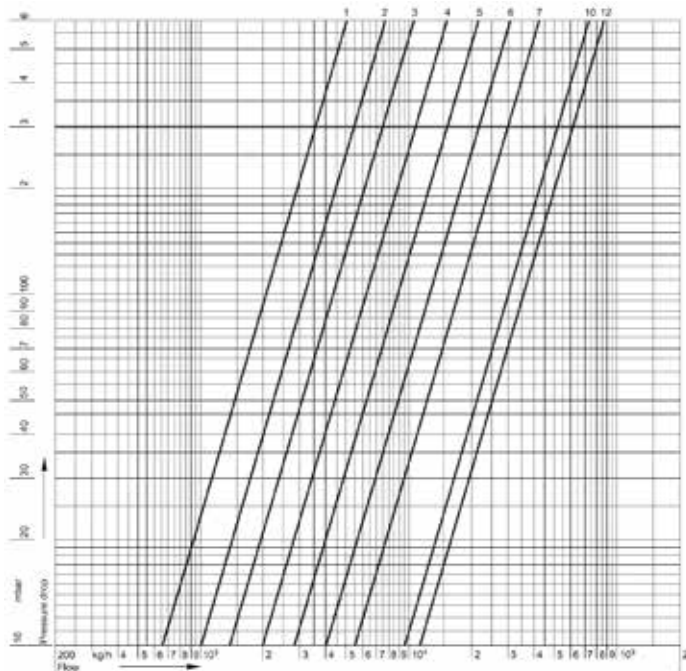
Pre-set	Kv	cv
1	5,70	6,08
2	7,60	8,89
3	12,00	14,04
4	19,10	22,35
5	29,00	33,93
6	41,10	48,09
7	51,90	60,72
8	60,40	70,67
9	67,80	79,33
10	74,40	87,05

**DN 65**



Pre-set	Kv	cv
1	6,60	7,72
2	10,00	11,70
3	13,70	16,03
4	19,20	22,46
5	28,10	32,88
6	40,40	47,27
7	55,40	64,82
8	70,90	82,95
9	84,80	99,22
10	96,10	112,44
11	104,00	121,68
12	111,00	129,87

**DN 80**



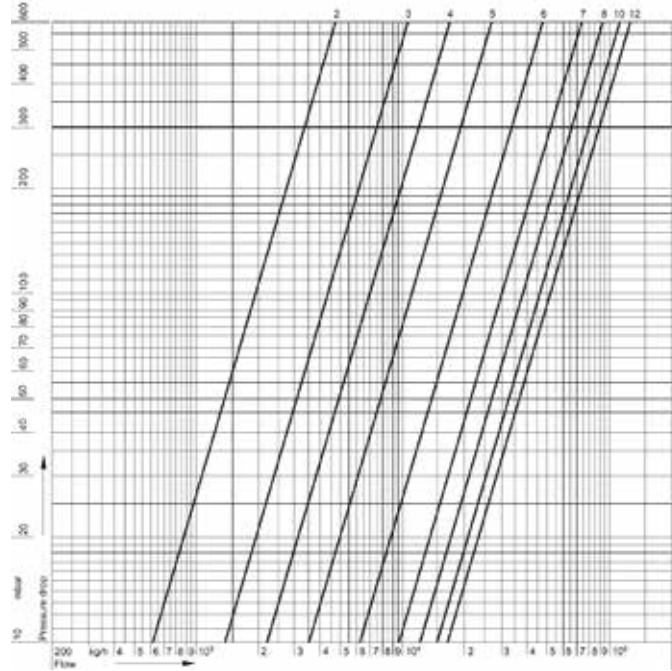
# DRV-0201

## Statik Balans Vanası Static Balancing Valve

### AKIŞ DİYAGRAMI / FLOW DIAGRAM

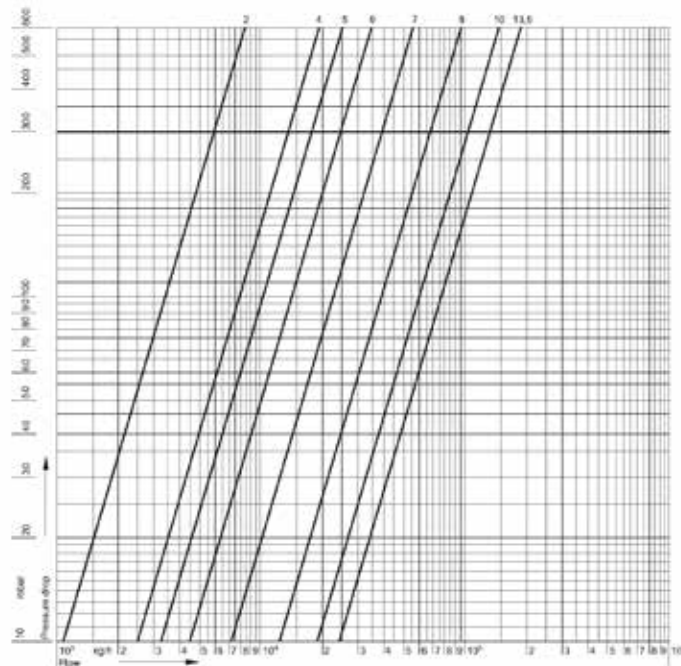
Pre-set	Kv	cv
1	2,80	3,28
2	6,10	7,14
3	13,20	15,44
4	21,60	25,27
5	35,50	41,54
6	62,10	72,66
7	96,50	112,91
8	121,00	141,57
9	137,20	160,52
10	148,10	173,28
11	159,00	186,03
12	165,00	193,05

#### DN 100



Pre-set	Kv	cv
1	5,20	6,08
2	11,10	12,99
3	17,70	20,71
4	24,50	28,67
5	32,20	37,67
6	44,90	52,53
7	72,40	84,71
8	120,00	140,40
9	163,00	190,71
10	191,00	223,47
11	210,00	245,70
12	225,00	263,25
13	237,00	277,29
Fully Open	242,00	283,14

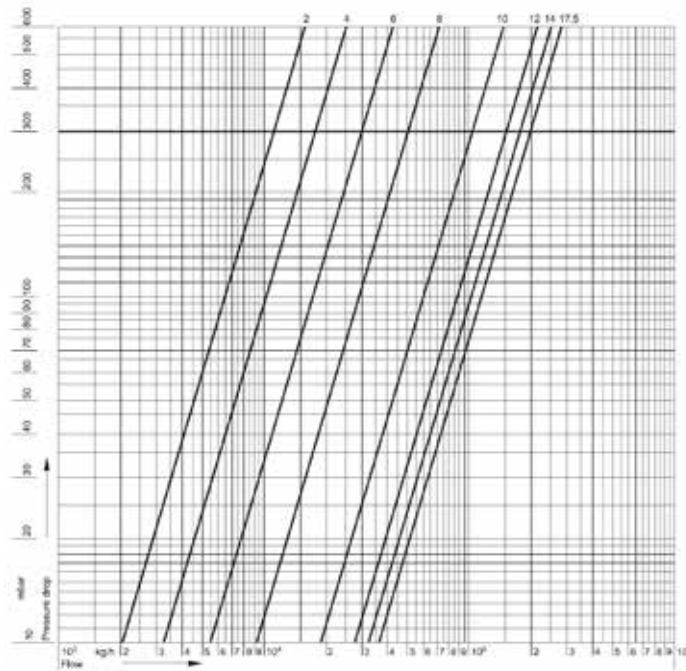
#### DN 125



**AKIŞ DİYAGRAMI / FLOW DIAGRAM**

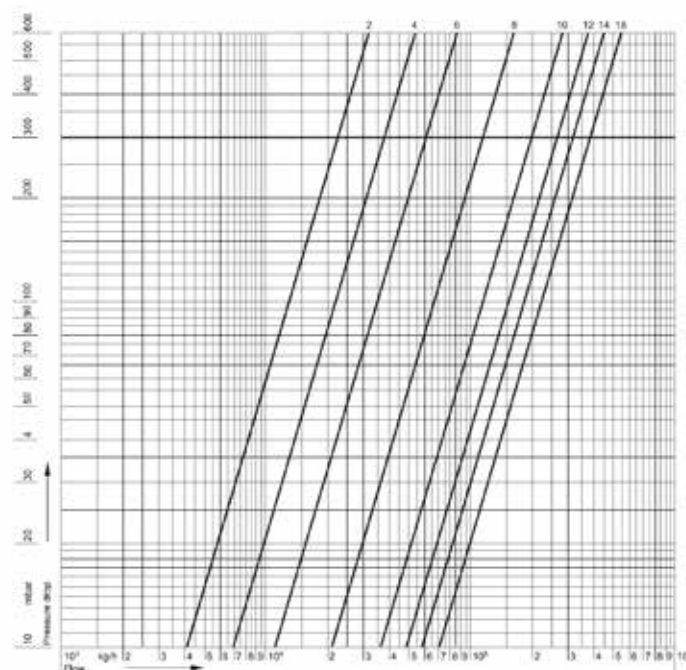
**DN 150**

Pre-set	Kv	cv
1	9,20	10,76
2	20,20	23,63
3	26,50	31,01
4	33,00	38,61
5	42,00	49,14
6	54,30	63,53
7	69,30	81,08
8	80,00	93,60
9	93,00	108,81
10	192,90	225,69
11	240,00	280,80
12	274,00	320,58
13	300,00	351,00
14	319,00	373,23
15	338,00	395,46
16	351,00	410,67
17	365,00	427,05
Fully Open	372,00	435,24



**DN 200**

Pre-set	Kv	cv
2	41,10	48,09
3	55,40	64,82
4	69,30	81,08
5	88,00	102,96
6	114,00	133,38
7	154,00	180,18
8	208,00	243,36
9	284,00	332,28
10	364,00	425,88
11	434,00	507,78
12	489,00	572,13
13	537,00	628,29
14	575,00	672,75
15	612,00	716,04
16	645,00	754,65
17	677,00	792,09
18	704,00	823,68





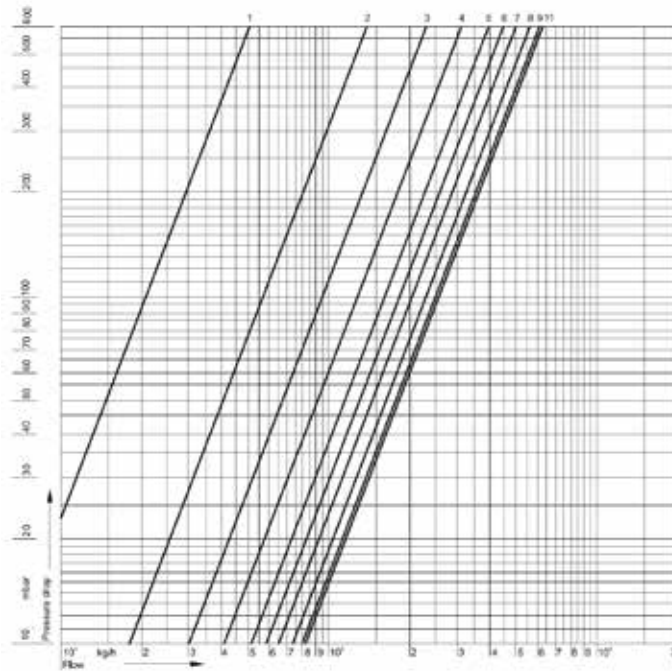
# DRV-0201

## Statik Balans Vanası Static Balancing Valve

### AKIŞ DİYAGRAMI / FLOW DIAGRAM

Pre-set	Kv	cv
1	65,00	76,05
2	178,00	208,26
3	295,00	345,15
4	410,00	479,70
5	514,00	601,38
6	588,00	687,96
7	649,00	759,33
8	731,00	855,27
9	500,00	585,00
10	812,00	950,04

#### DN 250



Pre-set	Kv	cv
1	109,00	127,53
2	248,00	290,16
3	411,00	480,87
4	560,00	655,20
5	695,00	813,15
6	825,00	965,25
7	945,00	1.105,65
8	1.045,00	1.222,65
9	1.138,00	1.331,46
10	1.225,00	1.433,25
11	1.290,00	1.509,30
12	1.325,00	1.550,25
13	1.345,00	1.573,65
14	1.380,00	1.614,60

#### DN 300

