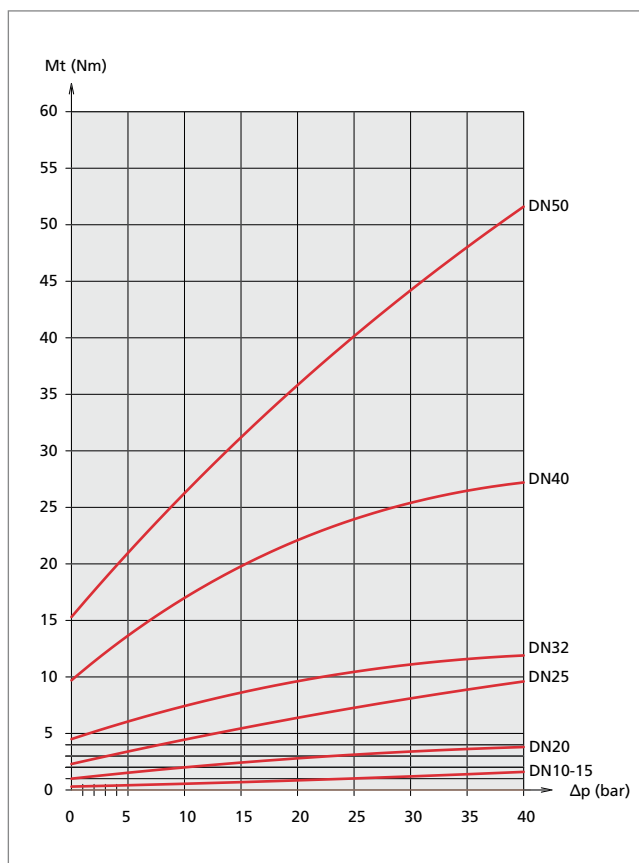




## BALLOMAX<sup>®</sup> PN40, DN 10 - 50

### Betjeningsmomenter

### Operating Torque



De angivne betjeningsmomenter er vejledende og fremkommet ved måling af fabriksnye ventiler. Momentet er at forstå som et løsrivelsesmoment gældende for en afspærret, men nyligt aktiveret ventil.

Efter lang stilstandstid kan de angivne værdier blive faktor 1.5 større.

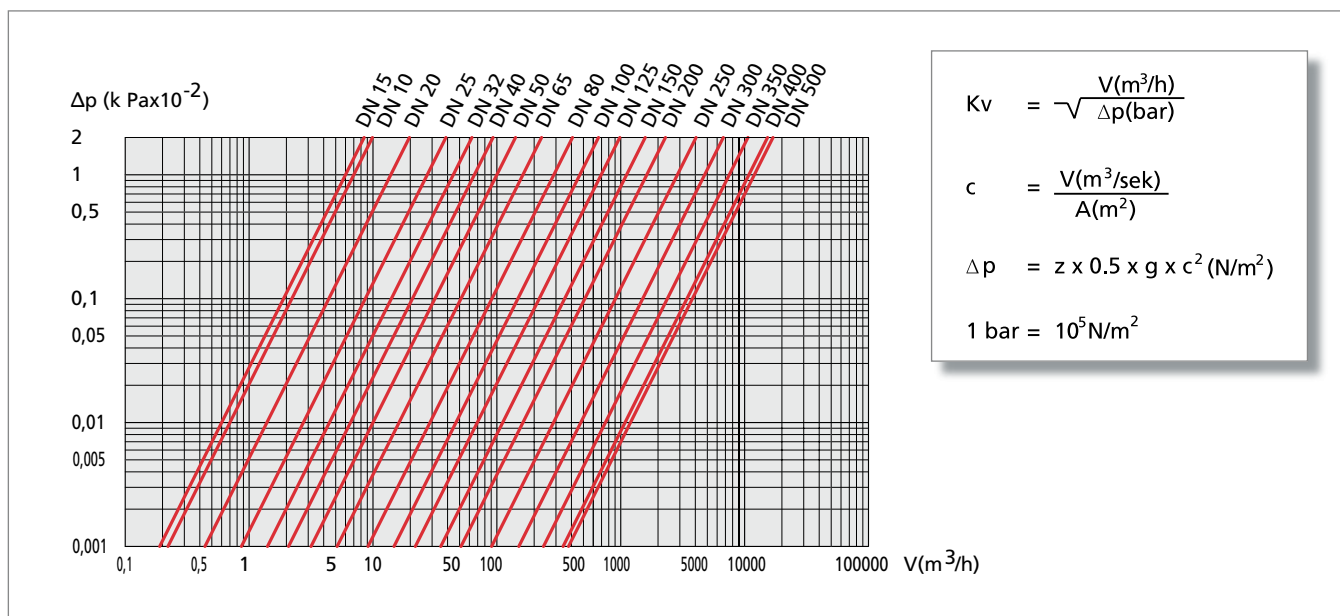
The torques stated are for guidance only; they have been obtained by measuring on new ball valves. The torque is to be understood as the pull-off torque applicable for a closed, but recently activated ball valve.

The values stated may rise to a factor of 1.5 after a long period of not being in service.

## BALLOMAX®

### Tryktabsdiagram

### Pressure Drop Graph



Kugleventil i helt åben position  
 Medie: vand med  
 massefylde 1000 kg/m<sup>3</sup>

Ball valve in fully open position.  
 Medium: water  
 Density in 1000 kg/m<sup>3</sup>

### Begrebsforklaringer

- Kv: Det antal m<sup>3</sup> vand i timen, der løber igennem en given ventil ved et trykfald på 1 bar.
- c: Mediets strømningshastighed i m/sek.
- V: Det aktuelle flow.
- A: Den aktuelle ventils gennemstrømningsareal i m<sup>2</sup>.
- z: Modstandskoefficient
- g: Mediets massefylde i kg/m<sup>3</sup>

### Definitions

- Kv: m<sup>3</sup> water per hour at pressure drop 1 bar.
- c: Flowrate of the media in m/sec.
- V: Actual flow volume.
- A: The area of flow in m<sup>2</sup> of the ball valve in question.
- z: Coefficient of resistance.
- g: Density in kg/m<sup>3</sup>.

DN	10	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
<b>Kv</b>	7	6	14	26	43	64	100	160	280	450	690	1100	1500	2770	4620	7250	10540	11780
<b>Ax10<sup>-4</sup></b>	0.79	0.79	1.77	3.14	4.90	8.04	12.56	19.63	33.18	50.27	78.54	122.72	176.71	314.16	490.87	706.86	962.11	1256.6
<b>z</b>	0.32	0.44	0.41	0.37	0.33	0.40	0.40	0.39	0.36	0.32	0.33	0.32	0.35	0.33	0.29	0.24	0.22	0.21