General about damper type DSVK-Mini:

The control damper is a valve designed for clamp-fitting between two flanges and should, in sizes above DN 200, always be installed with the spindle in the horizontal position.
Lengths: Manufacturer's standard, special designs possible
Spindle seal: Gland packing, O-sealing rings
Special spindle seal design: Gland packing with sealing-air feed system or self-adjusting type incorporating cup springs

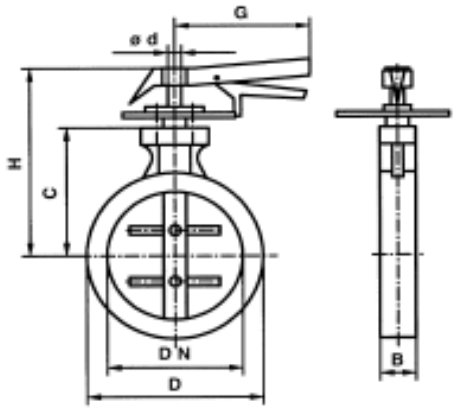
Operating data:

For clamp-fitting between flanges as per DIN standard, PN 6/10/16 or as per ANSI, 150 lbs.
Suitable for temperatures from -40 °C to + 1,000 °C, depending on material combination
Standard temperature gradations: t < 100 °C, 100 °C < t < 350 °C, 350 °C < t < 450 °C t > 450 °C

Actuation modes:

Manual:

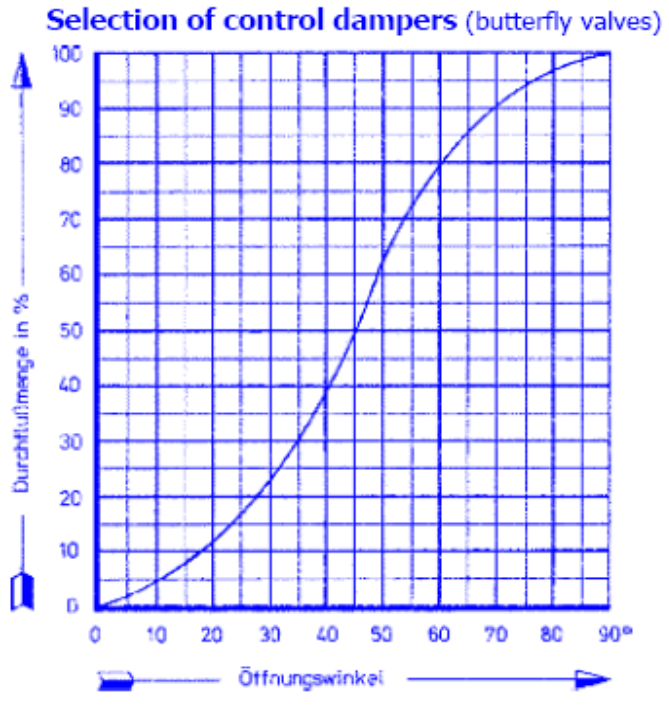
Standard, with ratchet adjustment, damper can be locked in at least 16 positions



The damper with ratchet handle

DN	B	C	Ø D	Ø d	G	H
15	25	60	44	8	105	125
20	**25**	**60**	**44**	**8**	**105**	**125**
25	25	75	60	10	105	140
32	**25**	**80**	**67**	**10**	**105**	**145**
40	25	83	75	10	105	148
50	**25**	**85**	**85**	**10**	**105**	**150**
65	25	95	105	12	120	160
80	**30**	**105**	**120**	**12**	**120**	**170**
100	30	115	140	12	120	180
125	**35**	**135**	**170**	**12**	**150**	**205**
150	40	150	195	15	150	220
175	**40**	**165**	**225**	**15**	**150**	**235**

The characteristics curve of a damper signifies the correlation between flow and damper angle of opening.
In the case of the OPEN/CLOSED damper which is used for shutoff/ isolation, the damper opening may have an angle of up to 90°.
For control functions, the nominal damper diameter should be selected in such a way that maximum flow is assured at a maximum 70° damper opening.
The damper has an approximately equal-percentage flow characteristic curve in the 0 to 70° damper opening positioning range.



K.S.M. Kragelund ApS
Bøgballevej 19 • 8723 Løsning
Tlf.+ 45 76 75 89 50
E-mail: info@kolsters.dk • www.kolsters.dk