

DAMPER

TYPE 2701

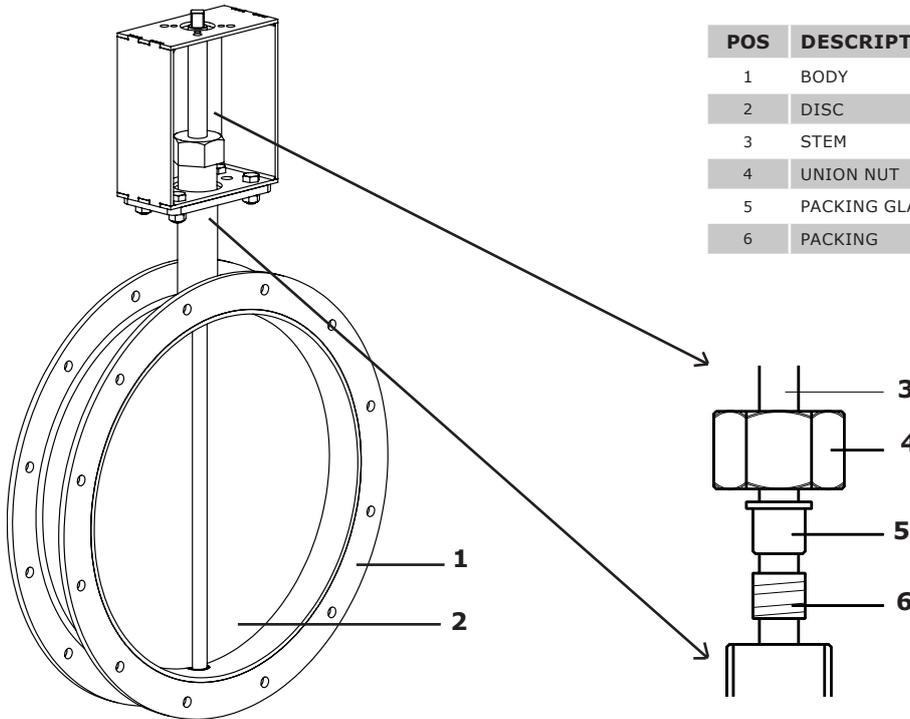


GENERAL

DIMENSIONS:	DN 71 - DN 2000
MATERIAL:	BODY: ST. 37 DISC: ST. 37 STEM: 1.4305
SURFACE:	ANTI CORROSION PAINT
OPERATION:	FREE STEM WITH CONSOLE
FLANGES:	AIR TECHNICAL FLANGES DIN 24154 PART 2

OPTIONS

OPERATION:	FORM A - FREE STEM FORM F - ADJUSTABLE, LOCKABLE HANDLE FORM G - GEAR BOX FORM P - PNEUMATIC ACTUATOR FORM E - ELECTRICAL ACTUATOR
MATERIAL:	BODY: STAINLESS STEEL DISC: STAINLESS STEEL

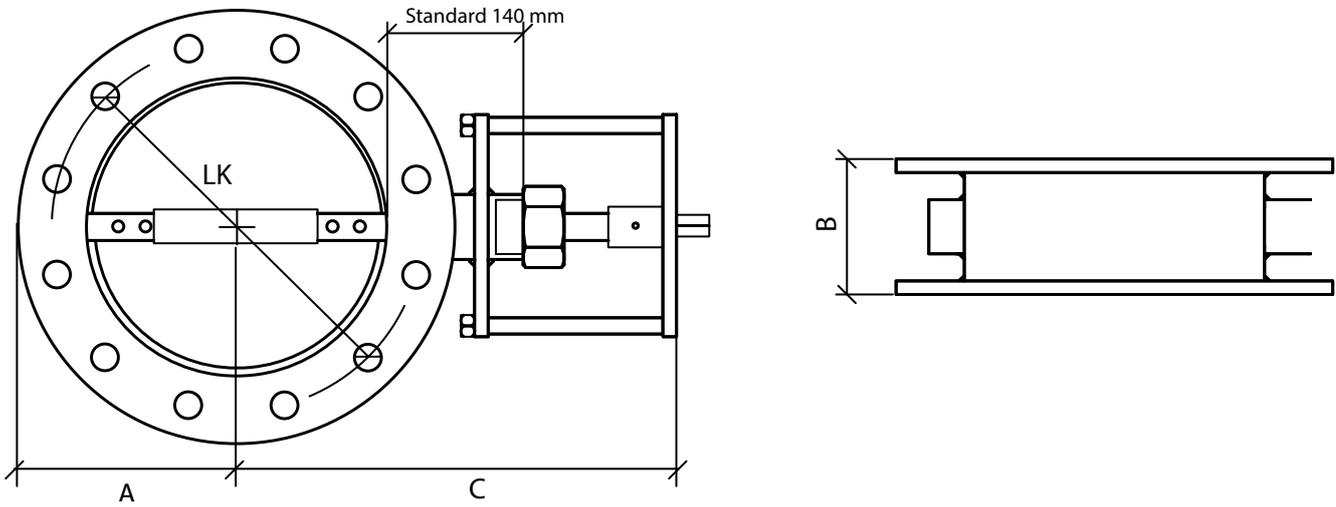


POS	DESCRIPTION	MATERIALS
1	BODY	ST. 37
2	DISC	ST. 37
3	STEM	STAINLESS STEEL - 1.4305
4	UNION NUT	BRASS
5	PACKING GLAND	BRASS
6	PACKING	GRAPHITE

DESCRIPTION

- **High quality industrial damper**, for high temperature air and flue-gas systems.
- **3 different seat types**, depending on the acceptable leakage rate.
- **Extensive choice of materials** provides for many applications.
- **Simple, reliable construction**, results in a cost-effective valve.
- **ISO 5211 mounting flanges** and 45° square stem enable direct mounting of actuators without the use of brackets or couplings.
- **Multi adjustable/lockable handle**, with readable scale as an option.
- **Different options for operation**, e.g. pneumatic or electrical actuator.

DIMENSIONS



DAMPER DATA

DN	B	Stem Ø	Disc thickness	LK	A	C +/-20	Holes		Max. diff. pressure [mbar]	Torque [Nm]		
							Number	Diameter				
71	70	12	3	110	66.5	336.5	4	9,5	200	10		
80	70	12	3	118	71.0	341.0			200	10		
90	70	12	3	128	76.0	346.0			200	10		
100	70	12	3	139	81.0	351.0			200	15		
112	70	12	3	151	87.0	357.0			200	15		
125	70	12	3	165	93.5	363.5			200	15		
140	70	12	3	182	106.0	371.0	8	11,5	100	20		
150	70	12	3	191	111.0	376.0			100	20		
160	70	16	4	200	116.0	381.0			100	20		
180	70	16	4	219	126.0	391.0			100	20		
200	70	16	4	241	136.5	401.5			100	20		
224	70	16	4	265	148.5	413.5			100	20		
250	70	16	4	292	161.5	426.5			100	20		
280	85	20	5	332	181.5	441.5			100	35		
300	85	20	5	349	191.5	451.5			100	35		
315	85	20	5	366	199.0	459.0			100	35		
355	85	20	5	405	219.0	479.0			100	35		
400	85	20	5	448	242.0	502.0			12	14	100	35
450	85	20	5	497	267.0	527.0	100	35				
500	85	20	5	551	292.0	552.0	100	40				
560	100	25	6	629	332.0	582.0	16	18			100	120
600	100	25	6	665	353.0	603.0					100	120
630	100	25	6	698	367.0	617.0					100	120
710	100	25	6	775	407.0	657.0			24	18	70	150
800	100	30	6	861	452.0	702.0					70	150
900	100	30	6	958	502.0	752.0					70	150
1000	100	30	6	1067	552.5	802.5	32	18			40	190
1120	140	40	6	1200	622.5	862.5					30	240
1250	140	40	6	1337	687.5	927.5					25	300
1400	140	40	6	1475	762.5	1002.5			40	18	20	400
1600	140	40	8	1675	862.5	1102.5					15	500
1800	140	40	8	1875	962.5	1202.5					10	500
2000	140	40	8	2073	1062.5	1302.5						

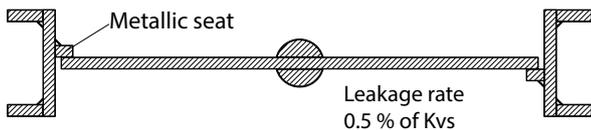
KV-VALUES

DN	Kv (60°)	Kv (90°)
71	88	130
80	132	210
100	225	380
125	360	660
150	520	1000
200	990	2080
250	1570	3300
300	2290	4750
350	3000	6400
400	3900	8400
450	4900	10500
500	6100	13500
600	8800	19000
700	12000	25000
800	15600	33500
900	19500	43000
1000	24500	54000
1100	29500	64000
1200	35000	78000
1400	47500	105000
1600	63000	133000
1800	81500	175000
2000	100000	210000

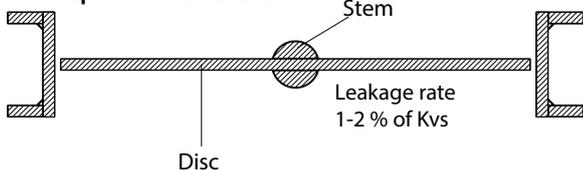
MAX. TEMPERATURES

MATERIAL	MAX. TEMP [°C]
BRASS	150
ST37-2	280
1.4301	450
GG25	350
GGG40	450
GGG40 NICKLE-PLATED	550
ALU 226	150
1.4828	950

Standard build: With metallic seat



Option I: Without seat



Option II: With graphite sealing list

