Sliding Gate Motor Valve 8037

ex-version

GS 3 series, 1/2“ up to 10“

Sliding gate motor valve for control and switching of neutral through to highly aggressive media in process engineering, chemical industries and for plant equipment, for applications in ATEX zones 1, 2, 21 and 22.

Technical data of the valve

Design	wafer-type design -for flanges acc. DIN EN 1092-1 Form B or ASME B16.5 RF - with threaded connection (only PN40 in stainless steel; 1/2“ - 2“)	
Nominal Sizes	1/2“ - 10“	
Nominal pressure acc. EN 1333	PN 40 (fits also to PN10-PN25) PN 100 (fits also to PN63) PN 16 and PN 25	1/2“ - 6“ 1/2“ - 3“ 8“ - 10“
Nominal pressure acc. ASME B16.5	ANSI 150 ANSI 300 ANSI 600	1/2“ - 10“ 1/2“ - 6“ 1/2“ - 3“
Nominal pressure acc. JIS for flanges with raised face	10K 20K	1/2“ - 2“ 1/2“ - 1 1/2“
Fluid Temperature	Versions from -76°F up to 662°F	
Rangeability / Characteristic	30:1	
Spezific leakage rate shaft and body sealing	ISO FE-BH-CC3-SSA0-t(-40°F/+662°F)-PN40-ISO 15848-1	
Applications acc. DGRL 2014/68/EU	stainless steel or carbon steel body body made of Alloy C-276 body made of stainless steel with threaded ends	up to category II up to category I up to category I

Technical data of the actuator type 2036

Driving force	2 kN
Stroking speed	3.3 s/mm (2.5 s/mm with emergency closure)
Power supply	24 V AC/DC or 100-240 V AC
Input signal	(0) 4 - 20 mA, (0) 2 - 10 V or binary (3-point)
Feedback	(0) 4 - 20 mA or (0) 2 - 10 V
Explosion protection	II 2G Ex db eb [ib Gb] IIC T6, T5, T4 Gb II 2D Ex tb [ib Db] IIIC T176°F, T203°F, T266°F Db
Protection class	IP 65
Ambient temperature	14°F ≤ Ta ≥ + 104°F (T6) / + 160°F (T4)
Operating mode	S2 30 min / S4 50% ED
Hysterese	approx. ±1,5%
Ambient temperature	self-learning
Motor	brushless DC motor
Manual operation	by means of pressure switch (power supply required) or with handwheel as emergency actuation
Zero-voltage reset	Mechanical spring return

Technical data of the actuator type 2037

Driving force	1 kN	2,5 kN	5 kN
Stroking speed	2 / 3 / 6 / 9 / 12 s/mm (adjustable)		
Power supply	24 … 230 V AC/DC (multi-range power supply unit)		
Input signal	3-point or 4 - 20 mA resp. 0 - 10 V		
Feedback	4 - 20 mA or 0 - 10 V		
Explosion protection	II 2G Ex db eb [ib Gb] IIC T6, T5, T4 Gb II 2D Ex tb [ib Db] IIIC T176°F, T203°F, T266°F Db		
Protection class	IP 66		
Ambient temperature	-4...+104°F for T6 / -4...+122°F for T5		
Operating mode	S3 / 50% ED (max. 300 switching cycles / h)		
Hysterese	approx. ±1,5%		
Resolution	approx. 100 Schritte		
Ambient temperature	self-learning		
Heating resistor element	16 Watt self actuating		
Motor	brushless DC motor		
Manual operation	hexagon key (top of header)		

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Sliding Gate Motor Valve 8037-GS3

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Fluid temperature

Rating	PN16 - PN40	PN 100	ANSI 150	ANSI 300	ANSI 600
Body material cpl. stainless steel					
Tmin [°F]	-76	-76	-20	-20	-20
Tmax [°F]	662	662	662	662	662
Body material carbon steel with stainless steel body cover					
Tmin [°F]	-76	14	-4	-4	-4
Tmax [°F]	662	662	662	662	662
Body material cpl. Alloy C-276					
Tmin [°F]	-76	-76	-20	-20	-20
Tmax [°F]	662	662	662	662	662

Materials Special versions

	Version in stainless steel
Valve body	Stainless steel , 1.4408
Bodycover	Stainless steel, 1.4404 resp. 316L
Valve stem	Stainless steel, 1.4571
Coupling ring	Stainless steel, 1.4581
Tube for packing	Stainless steel 1.4408
Packing	PTFE filled with carbon (Spring 1.4310)
Body seal	Graphite with stainless steel inlay

	Version in C-steel
Valve body	C-steel, 1.0619
Bodycover	Stainless steel, 1.4404 resp. 316L
Valve stem	Stainless steel, 1.4571
Coupling ring	Stainless steel, 1.4581
Tube for packing	Stainless steel, 1.4408
Packing	PTFE filled with carbon (spring 1.4310)
Body seal	Graphite with stainless steel inlay

	Version in Alloy C-276
Valve body	Alloy C-276, 2.4819
Bodycover	Alloy C-276, 2.4819
Valve stem	Alloy C-276, 2.4819
Coupling ring	Alloy C-276, 2.4819
Tube for packing	Alloy C-276, 2.4819
Packing	PTFE filled with carbon (spring Alloy C4, 2.4610)
Body seal	Pure graphite

Cv - Values

Ordering code		-	A	1	B	6	2	7	C	3	4	8	5	9
Size	Charact.	100 %	63 %	40 %	25 %	20%	16 %	12 %	10 %	6,3 %	2,5 %	2 %	1 %	0,4%
1/2“	(mod.) linear	4.6	3	2	1.6	-	0.82	0.57	0.51	0.3	0.16	0.09	0.05	0.021
	eq. perc.	2	-	1.3	-	0.4	-	-	-	0.12	-	-	-	-
3/4“	(mod.) lin.	7.4	-	-	-	-	1.16	-	-	-	-	0.15	-	-
	eq. perc.	3.5	-	1.7	-	-	-	-	-	-	-	-	-	-
1“	(mod.) linear	13	7.4	4.6	-	-	1.9	-	1.08	0.72	0.3	-	0.16	0.05
	eq. perc.	5.8	-	2.8	-	1.3	-	-	-	0.41	-	-	-	-
1 1/4“	(mod.) linear	19	12	-	-	-	-							
	eq. perc.	9.3	5.45	-	-	-	-							
1 1/2“	(mod.) lin.	30	19	13	8.1	-	-							
	eq. perc.	13	9.9	-	3.2	-	-							
2“	(mod.) linear	52	32	23	14	12	-							
	eq. perc.	22	14	-	-	-	3.5							
2 1/2“	(mod.) linear	60	41	-	17									
	eq. perc.	35	22	-	9.3									
3“	(mod.) linear	107	67	46										
	eq.perc.	56	41	-										
4“	(mod.) linear	179	110	72										
	eq.perc.	89	56	-										
5“	(mod.) linear	275	-	110										
	eq.perc.	135	-	-										
6“	(mod.) linear	392	246	-										
	eq.perc.	171	104	-										
8“	(mod.) linear	650	408	-										
	eq.perc.	329	-	-										
10“	(mod.) linear	1056	667											
	eq.perc.	505												

Definition of the Cv-Value:

The Cv-value corresponds to the volume flow of water (US gallons/min), passing the valve if a pressure difference of 1 psi is applied. Cv = 1 US gallon of flow per 1 psi of pressure drop.

Sliding Gate Motor Valve 8037-GS3

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	Slide pairing overview							
Moving plate	Carbon	Carbon	Carbon	Carbon	SFC	STN2	STN3	Hard metal
Fixed plate	STN2	STN1	Brass	Alloy	STN2	STN2	STN3	Hard metal
Nominal Sizes	1/2“ - 10“	1/2“ - 6“	1/2“ - 4“	1/2“, 1“, 1 1/2“, 2“, 3“	1/2“ - 10“	1/2“ - 10“	1/2“, 1“, 2“	1/2“, 3/4“, 1 1/2“, 2“
Operating temperature	-328°F up to +842°F (max. 572°F with oxi-dising gases)	-76°F up to +572°F	-76°F up to +446°F	-328°F up to +842°F (max. 572°F with oxi-dising gases)	-76°F up to +572°F	-328°F up to +986°F	-328°F up to +986°F	-328°F up to +986°F
Leakage rate*	1E-6 from the Kvs value	1E-6 from the Kvs value	1E-6 from the Kvs value	1E-6 from the Kvs value	5E-6 from the Kvs value	1E-5 from the Kvs value	1E-5 from the Kvs value	1E-5 from the Kvs value
Leakage IEC 60534-4	IV-S1	IV-S1	IV-S1	IV-S1	IV-S1	IV	IV	IV
Leakage EN 12266-1	E	E	E	E	F	F	F	F
Limitation		Δ P max. 232 psi for liquids, max. 363 psi for gases	Δ P max. 145 psi for liquids, max. 580 psi for gases		Δ P max. 363 psi			
Typical applications	Gases, liquids at low differential pressures without cavitation; no pressure surges	Pure gases and liquids, no cavi-tation; no pressure surges	Oxygen, Pure gases and liquids, no cavi-tation; no pressure surges	Aggressive acids and alkalis, seawater, no cavitation; no pressure surges	Vapour, pure liquids	Gases, vapour and liquids also with cavita-tion	Liquids at high differential pressures	Liquids at very high differential pressures

* For DN15 with reduction less than 25 %, different leakage rates possible

Limitations

Additionally to the limitations of the pressure rating valves made of Alloy C-276 as well as valves with threaded connections are limited to applications of the category I of the PED 2014/68/EU.

		maximum admissible operating pressure in bar for application of category I of the pressure equip-ment directive 2014/68/EU				
		1/2“	1“	1 1/2“	2“	3“*
Fluid group 1	gaseous	X	X	362	290	181
	liquid	X	X	725	580	362
Fluid group 2	gaseous	X	X	X	X	X
	liquid	X	X	X	X	X

X = no limitation

*3“ is not available with threaded connections.

Sliding Gate Motor Valve 8037-GS3

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Stroking times for the complete stroke (sec.):

Speed [s/mm]	2	3*	3,3	6*	9*	12*
DN 1/2“ - 1 1/2“	12,5	18,8	7	37,5	56,3	75,0
DN 2“ - 3“	16,5	24,8	9	49,5	74,3	99,0
DN 4“ - 10“	17,5	26,3	9,6	52,5	78,8	105,0

= Factory setting actuator type 2037

= Factory setting actuator type 2036

*Setting only for type 2037

Admissible differential pressures

For temperatures up to 248°C for PN pressure ratings up to 100.40°F for ANSI pressure ratings, for high temperatures the application limits must be taken into account.

Size	220 lbf	450 lbf	560 lbf	1120 lbf	220 lbf	560 lbf	1120 lbf
	Maximum differential pressure (psi)				Maximum differential pressure (psi)		
	Carbon material/SFC stainless steel coated pairing				STN2 sliding pair		
1/2“	1280	1480	1480	1480	905	1480	1480
3/4“	1110	1480	1480	1480	700	1480	1480
1“	930	1276 (1481)*	1276 (1481)*	1276 (1481)*	520	1276 (1481)*	1276 (1481)*
1 1/4“	760	1480	1480	1480	385	1035	1480
1 1/2“	575	1215	1276 (1481)*	1276 (1481)*	265	710	1050
2“	375	795	1005	1450	155	420	865
2 1/2“	315	670	845	1160	130	345	710
3“	200	425	535	695	79	210	430
4“	125	270	345	475	49	130	265
5“	88	185	230	330	33	87	175
6“	65	135	175	230	24	65	130
8“	37	79	100	205	13	36	75
10“	23	49	62	125	7	21	44

*: figures in brackets for bodys made of carbon steel

Upper limits of the pressure rating

	Upper limits for permissible pressures in bar according to nominal pressure levels					
	PN16	PN40	PN100	ANSI150	ANSI300	ANSI600
P max. carbon steel / Alloy C-276	232	580	1450	19,6	51,1	102,1
P max. stainless steel				19	49,6	99,3

Sliding Gate Motor Valve 8037-GS3

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Application limits for GS3 valves made out of stainless steel

The actual maximum permissible operating pressure of the valve results from the minimum value of the pressure tables, the limitation by the pressure rating, the category according to DGRL 2014/68/EU and the application limits listed here.
These pressures must not be exceeded for GS valves of the GS3 series made of stainless steel, even if the tensile force of the actuator would allow this.

PN16 + PN25

Size	Movable sealing disc carbon or SFC maximum pressures for GS3-valves in stainless steel						Movable sealing disc STN2, STN3 or hard metal maximum pressures for GS3-valves in stainless steel					
	210°F	300°F	390°F	480°F	570°F	660°F	210°F	300°F	390°F	480°F	570°F	660°F
8“ (max. PN25)	232	232	218	189	174	160	116	102	87	73	58	44
10“ (max. PN25)	149	131	131	116	102	87	83,0	78,0	74,0	59,0	49,0	42,0

Limitation for SFC-sliding discs: 570°F

PN40

Size	Movable sealing disc carbon or SFC maximum pressures for GS3-valves in stainless steel						Movable sealing disc STN2, STN3 or hard metal maximum pressures for GS3-valves in stainless steel					
	210°F	300°F	390°F	480°F	570°F	660°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“-1 1/4“	580	580	580	580	580	580	580	580	580	580	580	580
1 1/2“	580	580	580	580	580	580	580	580	580	580	580	535
2“	580	580	580	580	580	580	580	580	580	580	580	580
2 1/2“	580	580	580	580	580	580	580	580	580	580	535	465
3“	580	580	580	580	580	580	520	495	480	375	320	275
4“	480	480	480	480	480	480	465	450	435	350	290	245
5“	335	335	335	335	335	335	305	305	275	230	190	160
6“	230	230	230	230	230	230	220	220	205	160	130	115

Limitation for SFC-sliding discs: 570°F

PN100

Size	Movable sealing disc carbon or SFC maximum pressures for GS3-valves in stainless steel						Movable sealing disc STN2, STN3 or hard metal maximum pressures for GS3-valves in stainless steel					
	210°F	300°F	390°F	480°F	570°F	660°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“	1450	1450	1450	1350	1220	1145	1450	1450	1450	1350	1220	1145
3/4“	1450	1450	1290	1175	1060	985	1450	1450	1290	1175	1060	985
1“	1275	1175	1015	915	825	785	1275	1175	1015	915	825	785
1 1/4“	1450	1350	1160	1060	945	900	1450	1350	1160	1060	945	870
1 1/2“	1275	1175	1015	915	825	785	1045	1000	945	770	625	535
2“	1450	1450	1450	1450	1450	1365	1115	1060	1015	810	665	580
2 1/2“	1160	1160	1160	1145	1030	970	900	855	810	655	535	465
3“	695	695	695	695	695	640	520	495	480	375	320	275

Limitation for SFC-sliding discs: 570°F

ANSI150

Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in stainless steel								Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in stainless steel							
	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“ - 5“	275	265	235	215	200	175	150	120	275	265	235	215	200	175	150	120
6“	230	230	230	215	200	175	150	120	235	235	235	215	200	170	140	120
8“‘	230	230	230	215	200	175	150	120	150	145	120	110	100	80	65	55
10“	150	150	150	145	135	120	105	100	85	85	85	80	75	60	50	40

Limitation for SFC-sliding discs: 570°F

ANSI300

Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in stainless steel								Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in stainless steel							
	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“ - 2 1/2“	720	695	610	560	520	485	460	440	720	695	610	560	520	485	460	440
3“	695	695	610	560	520	485	460	440	530	530	530	505	480	390	320	275
4“	480	480	480	480	480	480	460	440	480	480	480	460	435	355	290	250
5“	335	335	335	335	335	335	335	335	320	320	320	305	290	235	190	165
6“	230	230	230	230	230	230	230	230	230	230	230	225	210	170	140	120
8“	230	230	230	145	135	120	105	100	230	230	220	200	180	155	140	130

Limitation for SFC-sliding discs: 570°F

ANSI600

Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in stainless steel								Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in stainless steel							
	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“ - 3/4“	1440	1395	1225	1115	1035	970	915	880	1440	1395	1225	1115	1035	970	915	880
1“	1275	1275	1225	1115	1015	925	830	785	1275	1275	1225	1115	1015	925	830	785
1 1/4“	1440	1395	1225	1115	1035	970	915	880	1440	1395	1225	1115	1035	970	915	875
1 1/2“	1275	1275	1225	1115	1015	925	830	785	1050	1050	1050	1000	950	770	630	545
2“	1440	1395	1225	1115	1035	970	915	880	1125	1125	1125	1070	1020	825	675	585
2 1/2“	1160	1160	1160	1115	1035	970	915	880	905	905	905	865	820	665	545	470
3“	695	695	695	695	695	695	695	645	530	530	530	505	480	390	320	275

Limitation for SFC-sliding discs: 570°F

Sliding Gate Motor Valve 8037-GS3

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Application limits for GS3 valves made out of carbon steel

The actual maximum permissible operating pressure of the valve results from the minimum value of the pressure tables, the limitation by the pressure rating, the category according to DGRL 2014/68/EU and the application limits listed here.
These pressures must not be exceeded for GS valves of the GS3 series made of carbon steel, even if the tensile force of the actuator would allow this.

PN16 + PN25

DN	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in carbon steel						Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in carbon steel					
	210°F	300°F	390°F	480°F	570°F	660°F	210°F	300°F	390°F	480°F	570°F	660°F
8“ (max. PN25)	232	232	218	189	174	160	116	102	87	73	58	44
10“ (max. PN25)	149	131	131	116	102	87	83,0	78,0	74,0	59,0	49,0	42,0

Limitation for SFC-sliding discs: 570°F

PN40

Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in carbon steel						Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in carbon steel					
	210°F	300°F	390°F	480°F	570°F	660°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“ - 2“	580	580	580	580	580	580	580	580	580	580	580	580
2 1/2“	580	580	580	580	580	580	580	580	580	580	535	460
3“	580	580	580	580	580	580	520	495	480	375	320	275
4“	480	480	480	480	480	475	480	450	435	350	290	245
5“	335	335	335	335	335	330	320	305	275	230	190	155
6“	230	230	230	230	230	230	230	220	205	160	130	115

Limitation for SFC-sliding discs: 570°F

PN100

Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in carbon steel						Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in carbon steel					
	210°F	300°F	390°F	480°F	570°F	660°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“ - 3/4“	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450
1“	1450	1450	1450	1450	1365	1260	1450	1450	1450	1450	1365	1260
1 1/4“	1450	1450	1450	1450	1450	1435	1450	1450	1450	1220	1000	870
1 1/2“	1450	1450	1450	1450	1365	1260	1045	1000	945	770	625	535
2“	1450	1450	1450	1450	1450	1360	1115	1060	1015	810	665	580
2 1/2“	1160	1160	1160	1160	1160	1100	900	855	810	655	535	460
3“	695	695	695	695	695	635	520	495	480	375	320	275

Limitation for SFC-sliding discs: 570°F

ANSI150

Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in carbon steel								Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in carbon steel							
	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“-5“	285	280	255	230	200	175	150	120	285	280	255	230	200	175	150	120
6“	230	230	230	230	200	175	150	120	235	235	235	225	200	170	140	115
8“	230	230	230	230	200	175	150	120	150	145	120	110	100	80	65	55
10“	150	150	150	145	135	120	105	87	85	85	85	80	75	60	50	40

Limitation for SFC-sliding discs: 570°F

ANSI300

Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in carbon steel								Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in carbon steel							
	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“-2“	740	725	675	655	635	610	565	535	740	725	675	655	635	610	565	535
2 1/2“	740	725	675	655	635	610	565	535	605	605	605	575	545	485	550	470
3“	695	695	675	655	635	610	565	535	530	530	530	505	480	390	319	275
4“	480	480	480	480	480	480	475	475	480	480	480	460	435	355	290	245
5“	335	335	335	335	335	335	330	330	320	320	320	305	290	235	191	155
6“	230	230	230	230	230	230	230	230	230	230	230	225	210	170	141	115
8“	230	230	220	200	180	155	140	130	150	145	120	110	100	65	65	55

Limitation for SFC-sliding discs: 570°F

ANSI600

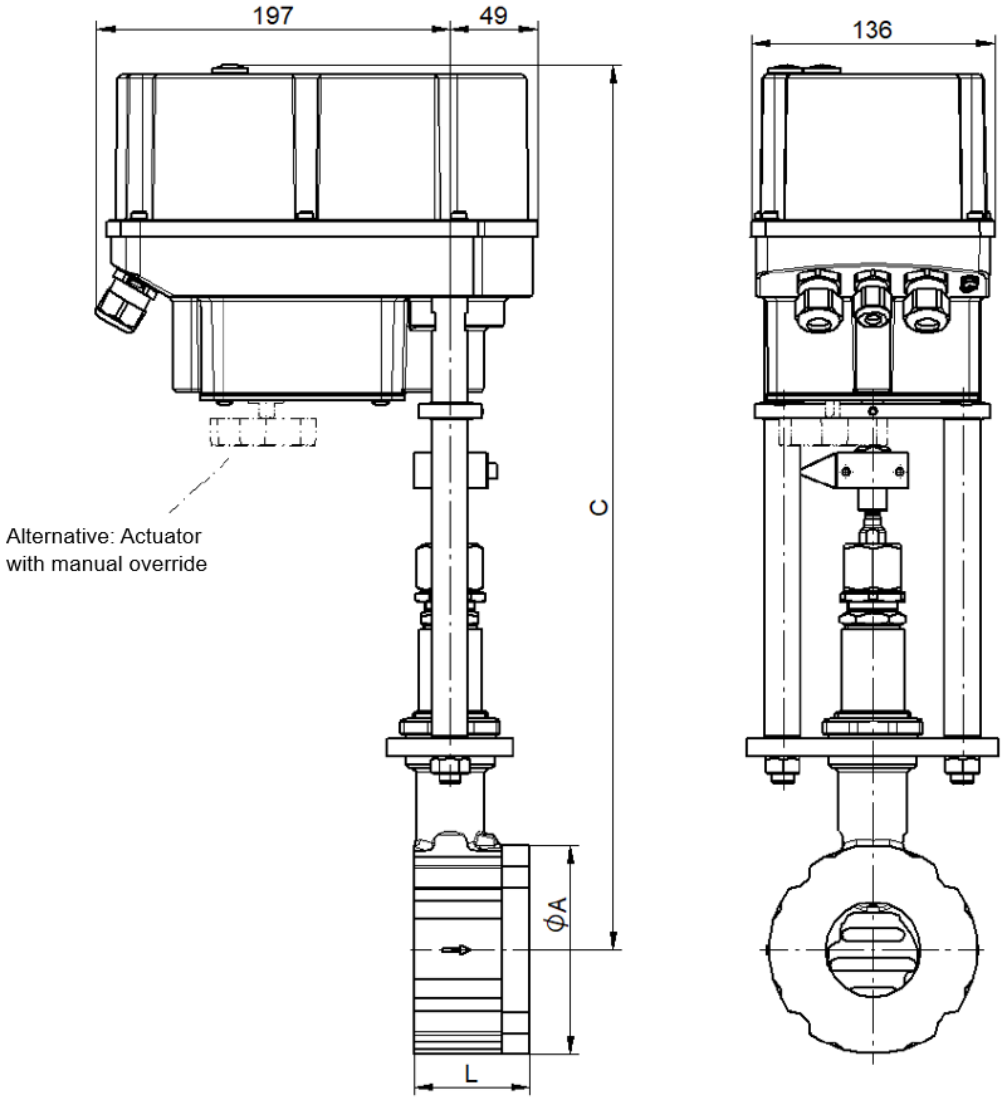
Size	Movable sealing disc carbon or SFC max. admissible pressures for GS3-valves in carbon steel								Movable sealing disc STN2, STN3 or hard metal max. admissible pressures for GS3-valves in carbon steel							
	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F	100°F	120°F	210°F	300°F	390°F	480°F	570°F	660°F
1/2“-1“	1480	1455	1350	1310	1270	1215	1155	1085	1480	1455	1350	1310	1270	1215	1155	1085
1 1/4“	1480	1455	1350	1310	1270	1215	1155	1085	1480	1455	1350	1310	1270	1215	1010	870
1 1/2“	1450	1450	1350	1310	1270	1215	1155	1085	1050	1050	1050	1000	950	770	630	535
2“	1450	1450	1350	1310	1270	1215	1155	1085	1125	1125	1125	1070	1020	825	675	580
2 1/2“	1160	1160	1160	1160	1160	1160	1155	1085	905	905	905	865	820	665	545	460
3“	695	695	695	695	695	695	695	635	530	530	530	535	480	390	320	275

Limitation for SFC-sliding discs: 570°F

Sliding Gate Motor Valve 8037-GS3

SCHUBERT SALZER

Actuator (Type 2036) dimensions and weights

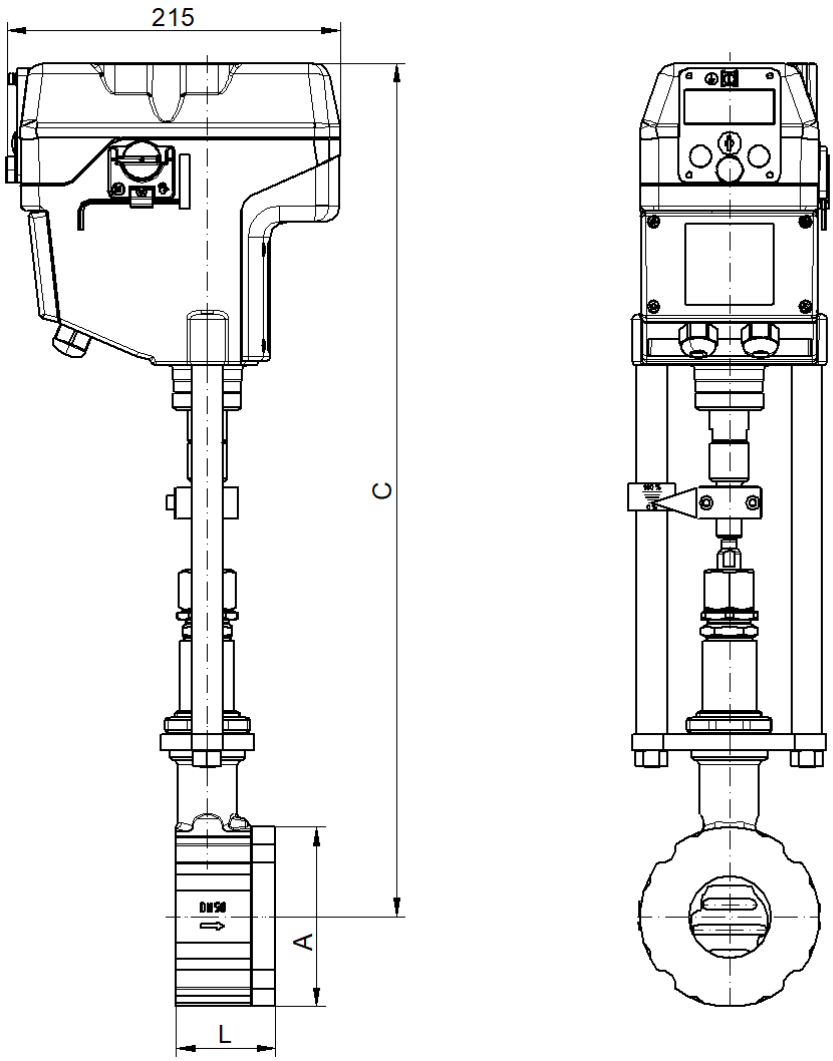


Size	øA	C	L	Stroke H	Weight lbs
1/2“	2.52	18.9	2.2	0.25	20.83
3/4“	2.83	19.09	2.2	0.25	21.27
1“	3.23	19.29	2.2	0.25	21.94
1 1/4“	3.5	19.49	2.2	0.25	21.94
1 1/2“	3.9	19.69	2.2	0.25	23.26
2“	4.57	20.08	2.52	0.32	26.57
2 1/2“	5.43	20.47	2.68	0.32	29.87
3“	6.02	20.67	2.76	0.32	32.74
4“	7.24	21.26	2.95	0.34	39.57
5“	8.35	21.85	3.15	0.34	44.64
6“	9.53	22.44	3.15	0.34	52.8
8“	11.89	23.62	3.66	0.34	89.84
10“	14.17	24.57	3.78	0.34	---

Dimensions in inch

Sliding Gate Motor Valve 8037-GS3

Actuator (Type 2037) dimensions and weights



Size	A	C	L	Stroke H	Weight lbs
1/2“	2.52	20.47	2.2	0.25	24.7
3/4“	2.83	20.67	2.2	0.25	25.2
1“	3.23	20.87	2.2	0.25	26.1
1 1/4“	3.5	21.06	2.2	0.25	26.9
1 1/2“	3.9	21.26	2.2	0.25	27.8
2“	4.57	21.65	2.52	0.32	31.3
2 1/2“	5.43	22.05	2.68	0.32	35.4
3“	6.02	22.44	2.76	0.32	37.8
4“	7.24	22.83	2.95	0.34	45.3
5“	8.35	23.43	3.15	0.34	54.7
6“	9.53	24.02	3.15	0.34	62.9
8“	11.89	25.2	3.66	0.34	100.1
10“	14.17	26.06	3.78	0.34	111.6

Dimensions in inch

Sliding Gate Motor Valve 8037-GS3

Enquiry sheet for sliding gate valves

Valve dimensioning

In order to be able to dimension a valve for a quotation, at least the following data must be known:

1. Medium

(Designation, composition and aggregate state)

2. Operating data

		minimal	normal	maximum	units
Input pressure	P1				
Output pressure	P2				
Temperature	T1				
Flow rate	Q				

3. Valve function

☐ Control valve ☐ Stop valve

4. Type of actuator

☐ Electrically operated Voltage ..... psi

☐ Spring opens (NO) ☐ Spring closes (NC)

5. Accessory

☐ Limit switch ..... Piece ☐ Manual override with handwheel

6. Other requests