

KEILOVALSCHIEBER, außenliegende Spindel

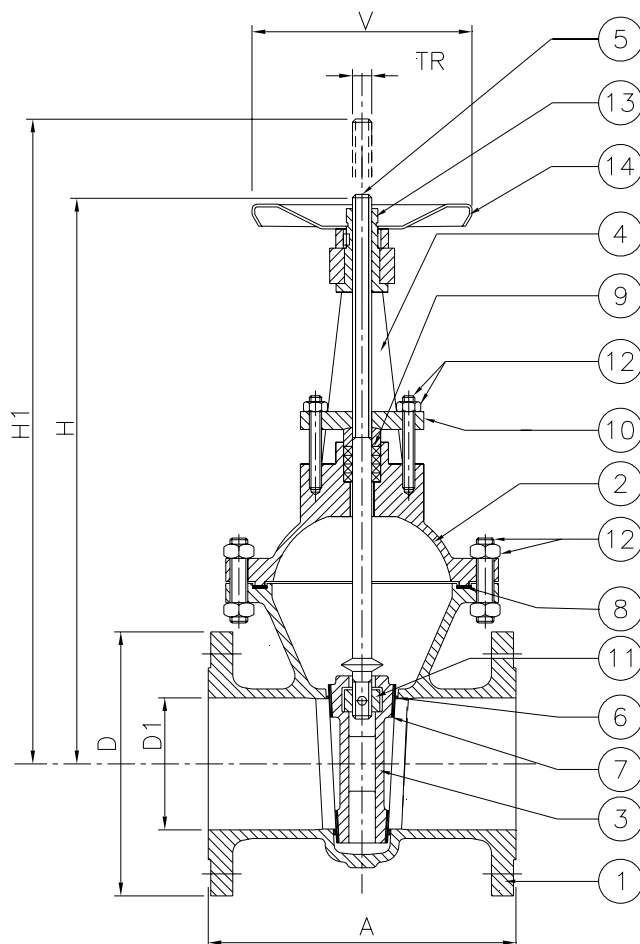
Gate Valve Outside Screw

PN 40 DN 50 - DN 150

PN 25 DN 200 - DN 800

Flanges PN 40 or PN 25 or PN 16

Type: 7-240 - 7-540



0948

Standardausführung / Standard features:

- ☒ **Ausführung/Design** EN 12516
EN 1984
- ☒ **Baulänge/Face to face** EN 558 series 15
DIN 3202 F5
- ☒ **Flansche/Flanges** EN 1092-1/21/B2
- ☒ **Werkstoffe/Materials** EN 10213
EN 10269
EN 10088
- ☒ **Schrauben u. Muttern/** EN 1515-1
Bolts and nuts
- ☒ **Schweißverfahren/** AD-M HP 0
Welding overlay
- ☒ **Abnahme/Testing** EN 1984
EN 12266
- ☒ **Markierung/Marking** EN 19
- ☒ **Prüfzeugnis/Certificates** EN 10204

Auf Anfrage / Optional versions

- ☐ AD 2000 – A4
- ☐ TRD 110
- ☐ DIN 3230 Part 4
- ☐ DIN 3230 Part 5
- ☐ DIN 3230 Part 6
- ☐ TRbF 131
- ☐ TRbF 301 or 302
- ☐ ATEX
- ☐ TA-Luft
- ☐ **mit Flansche PN 10 od. 16/**With flanges PN 10 or PN 16
- ☐ **mit Flanschform/**With flanges form A, B2, C, D, E, F, G, H
- ☐ **mit Schweißenden/**With butt welding ends (EN 12982 / EN 12627)

max. zulässige Durchflussgeschwindigkeit (lt. EN1074-1)

max. allowed flow speed (acc. EN1074-1):

Wasser/water: PN 10 (3,0 m/s)	Dampf/steam: PN 10 (30 m/s)
PN 16 (4,0 m/s)	PN 16 (35 m/s)
PN 25 (5,0 m/s)	PN 25 (40 m/s)

Werkstoffe / Material Specification

DESCRIPTION / Bauteile	FIG. 7-240	FIG. 7-340	FIG. 7-340-J	FIG. 7-440	FIG. 7-440-H	FIG. 7-550
1 Body / Gehäuse	1.0619	1.4581	1.4308	1.7357	1.7379	1.1138
2 Bonnet / Oberteil	1.0619	1.4581	1.4308	1.7357	1.7379	1.1138
3 x Wedge / Keil	1.0619	1.4581	1.4308	1.7357	1.7379	1.1138
4 Yoke / Bügel	1.0619	1.4581	1.4308	1.7357	1.7379	1.1138
5 x Stem / Spindel	1.4021 ⁽¹⁾	1.4571 ⁽¹⁾	1.4301 ⁽¹⁾	1.4021 ⁽¹⁾	1.4021 ⁽¹⁾	1.4021 ⁽¹⁾
6 Body seats / Gehäusesitz	1.4502 ⁽²⁾	1.4430 ⁽²⁾	1.4316 ⁽²⁾	1.4502 ⁽²⁾	Stellite	1.4502 ⁽²⁾
7 Wedge seats / Sitzringe	1.4502 ⁽²⁾	1.4581 ⁽²⁾	1.4308 ⁽²⁾	1.4502 ⁽²⁾	Stellite	1.4502 ⁽²⁾
8 O Gasket / Dichtung	Graphite + SS ⁽³⁾	Graphite + SS ⁽³⁾	PTFE ⁽³⁾	Graphite + SS ⁽³⁾	Graphite + SS ⁽³⁾	Graphite + SS ⁽³⁾
9 O Packing / Packung	Graphite + SS ⁽³⁾	Graphite + SS ⁽³⁾	PTFE ⁽³⁾	Graphite + SS ⁽³⁾	Graphite + SS ⁽³⁾	Graphite + SS ⁽³⁾
10 x Gland / Stopfbuchsbrille	1.0402	1.4571	1.4301	1.0402	1.0402	1.4301
11 x Boss / Nabe	1.4571	1.4571	1.4301	1.4571	1.4571	1.4571
12 Bolts / Schrauben	1.7225 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.7711 ⁽⁴⁾	1.7711 ⁽⁴⁾	1.7225 ⁽⁴⁾
12 Nuts / Muttern	1.1191 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.7225 ⁽⁴⁾	1.7225 ⁽⁴⁾	1.7225 ⁽⁴⁾
13 x Yoke / Gewindebuchse	1.0511 NHT	1.0511 NHT	1.0511 NHT	1.0511 NHT	1.0511 NHT	1.0511 NHT
14 x Handwheel / Handrad	Pressed steel	Pressed steel	Pressed steel	Pressed steel	Pressed steel	Pressed steel

Auf Anfrage:

⁽¹⁾ Also available on request 1.4571, 1.4301, 1.3964, Hastelloy, or other materials.

⁽²⁾ Also available on request stellite, 1.4462 (duplex), 1.4430, 1.4316, Hastelloy, or other materials.

⁽³⁾ Also available on request PTFE, Gore-tex, graphite, or other materials and different desing (e.g. cam-profile).

⁽⁴⁾ Also available on request 1.7225 / 1.1191, 1.7711 / 1.7225, 1.4401, 1.4301, A4-70 or other materials.

Empfohlene Ersatzteile für 2 Jahre Standard-Service; x empfohlene Ersatzteile für 5 Jahre Standard-Service.

O recommended spare parts for 2 years standard service; x recommended spare parts for 5 years standard service.

Nennweiten / Dimensions

	DN	A	D	H	H1	TR	V	Kg	Δp ⁽⁵⁾	Wedge ⁽⁶⁾
PN 40	50	250	165	340	400	18 x 4	200	23	40	Split
	65	270	185	360	435	20 x 4	200	31	40	Split
	80	280	200	410	500	20 x 4	200	36	40	Split
	100	300	235	500	610	22 x 5	250	53	40	Split
	125	325	270	535	670	24 x 5	250	73	40	Split
PN 25	150	350	300	615	780	24 x 5	250	98	40	Flexible
	200	400	360	720	935	28 x 5	300	150	22	Flexible
	250	450	425	975	1240	32 x 6	400	230	19	Flexible
	300	500	485	1045	1360	36 x 6	500	330	17	Flexible
	350	550	555	1250	1615	36 x 6	500	400	12	Flexible
	400	600	620	1410	1830	40 x 7	500	600	12	Flexible
	450	650	670	1640	2110	50 x 8	600	790	12	Flexible
	500	700	730	1645	2165	50 x 8	600	845	12	Flexible
	600	800	845	1980	2600	50 x 8	600	1125	7	Flexible
	700	900	960	2190	3010	60 x 9	600	2000	1	Flexible
	800	1000	1085	2800	3630	70 x 10	600	2270	0	Flexible

⁽⁵⁾ Maximal möglicher Differenzdruck bei Betätigung "mit Handrad" od. By-Pass (wenn gleich 0 - "Getriebe" empfohlen.)

Maximum differential pressure for manoeuvre without gear box or by-pass according to EN 12570 (if equal to 0 the gearbox is recommended).

⁽⁶⁾ Standardkeil - andere Ausführungen auf Anfrage möglich.

Standard wedge type. Other execution available on request.

Druck/- Temperaturdiagramm / Pressure Temperature Ratings (°C / bar)

	PN	-195	-150	-100	-50	-10	0	20	100	150	200	250	300	350	400	425	450	475	500	525	550	575	600
Fig. 7-240	25					25.0	25.0	24.7	23.3	21.4	19.4	17.8	16.1	15.0	14.4	11.8	9.2						
Fig. 7-340 ⁽⁷⁾	25			25.0	25.0	25.0	25.0	24.1	20.6	19.2	17.8	16.9	16.1	15.3	14.4	14.2	13.9	13.6	13.3	13.1	12.8		
Fig. 7-340-J	25	25.0	25.0	25.0	25.0	25.0	25.0	23.6	17.8	15.8	13.9	13.1	12.2										
Fig. 7-440 ⁽⁷⁾⁽⁸⁾	25					25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	23.9	22.2	21.7	21.1	17.1	13.0	9.6	6.1		
Fig. 7-440-H ⁽⁸⁾	25					25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.6	24.2	19.7	15.1	11.2	7.3	5.2	3.1
Fig. 7-540	25			25.0		25.0	25.0	24.4	22.2	21.1	20.0	19.4	18.9 ¹										
Fig. 7-240	40					40.0	40.0	39.5	37.3	34.2	31.1	28.4	25.8	24.0	23.1	18.9	14.8						
Fig. 7-340 ⁽⁷⁾	40			40.0	40.0	40.0	40.0	38.6	32.9	30.7	28.4	27.1	25.8	24.4	23.1	22.7	22.2	21.8	21.3	20.9	20.4		
Fig. 7-340-J	40	40.0	40.0	40.0	40.0	40.0	40.0	37.7	28.4	25.3	22.2	20.9	19.6										
Fig. 7-440 ⁽⁷⁾⁽⁸⁾	40					40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	38.2	35.6	34.7	33.8	27.3	20.8	15.3	9.8		
Fig. 7-440-H ⁽⁸⁾	40					40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.4	38.8	31.5	24.2	18.0	11.7	8.4	5.0
Fig. 7-540	40			40.0	40.0	40.0	39.1	35.6	33.8	32.0	31.1	30.2											

⁽⁷⁾ Bei Verwendung über 450° C müssen stellierte Sitze berücksichtigt werden.

Suitable over 450 °C only if provided with stellite seats.

⁽⁸⁾ Bei Verwendung über 530° C muss die Spindel aus 1.3964 berücksichtigt werden.

Suitable over 530 °C only if provided with 1.3964 stem.