

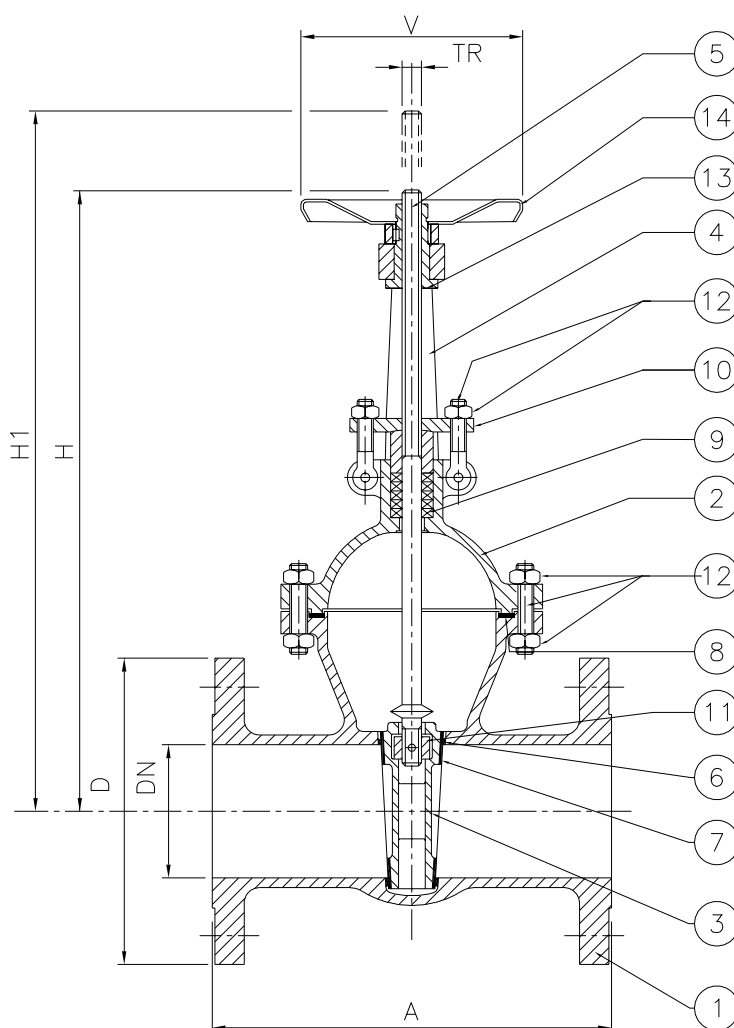
KEILOVALSCHIEBER, außenliegende Spindel

Gate Valve Outside Screw

PN 63 DN 50 - DN 400

Flanges PN 63 or PN 40

Type: 7-250 - 7-550



0948

Standardausführung / Standard features:

- ☒ **Ausführung/Design** EN 12516
EN 1984
- ☒ **Baulänge/Face to face** EN 558 series 26
DIN 3202 F7
- ☒ **Flansche/Flanges** EN 1092-1/21/B2
- ☒ **Werkstoffe/Materials** EN 10213
EN 10269
EN 10088
- ☒ **Schrauben u. Muttern/Bolts and nuts** EN 1515-1
- ☒ **Schweißverfahren/Welding overlay** AD-M HP 0
- ☒ **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 25 od. 16 / With flanges PN 25 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 25 (5,0 m/s) Dampf/steam: >PN 25 (40 m/s)

Werkstoffe / Material Specification

DESCRIPTION / Bauteile	FIG. 7-250	FIG. 7-350	FIG. 7-350-J	FIG. 7-450	FIG. 7-450-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.

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 63	50	250	180	380	440	20 x 4	200	35	63	Split
	65	290	205	455	530	22 x 5	200	44	63	Split
	80	310	215	465	545	22 x 5	250	48	63	Split
	100	350	250	490	600	22 x 5	250	57	63	Split
	125	400	295	615	750	24 x 5	250	81	63	Split
	150	450	345	695	860	28 x 5	300	125	63	Flexible
	200	550	415	845	1060	28 x 5	300	210	51	Flexible
	250	650	470	1000	1265	36 x 6	500	400	51	Flexible
	300	750	530	1140	1455	36 x 6	500	540	39	Flexible
	350	850	600	1250	1650	40 x 7	500	850	23	Flexible
	400	950	670	1430	1850	50 x 8	600	1120	15	Flexible
	450	1050	700	1490	1910	60 x 9	600	1630	4	Flexible
	500	1150	800	1830	2350	70 x 10	600	1830	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. 7-250	63					63,0	63,0	62,2	58,8	53,9	49,0	44,8	40,6	37,8	36,4	29,8	23,2						
Fig. 7-350 ⁽⁷⁾	63			63,0	63,0	63,0	63,0	60,8	51,8	48,3	44,8	42,7	40,6	38,5	36,4	35,7	35,0	34,3	33,6	32,9	32,2		
Fig. 7-350-J	63	63,0	63,0	63,0	63,0	63,0	63,0	59,4	44,8	39,9	35,0	32,9	30,8										
Fig. 7-450 ⁽⁷⁾⁽⁸⁾	63					63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	60,2	56,0	54,6	53,2	43,0	32,8	24,1	15,4		
Fig. 7-450-H ⁽⁸⁾	63					63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	63,0	62,0	61,0	49,6	38,1	28,3	18,5	13,2	7,8
Fig. 7-550	63				63,0	63,0	63,0	61,6	56,0	53,2	50,4	49,0	47,6										

⁽⁷⁾ Bei Verwendung über 450° C müssen stellite Sitzte 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.