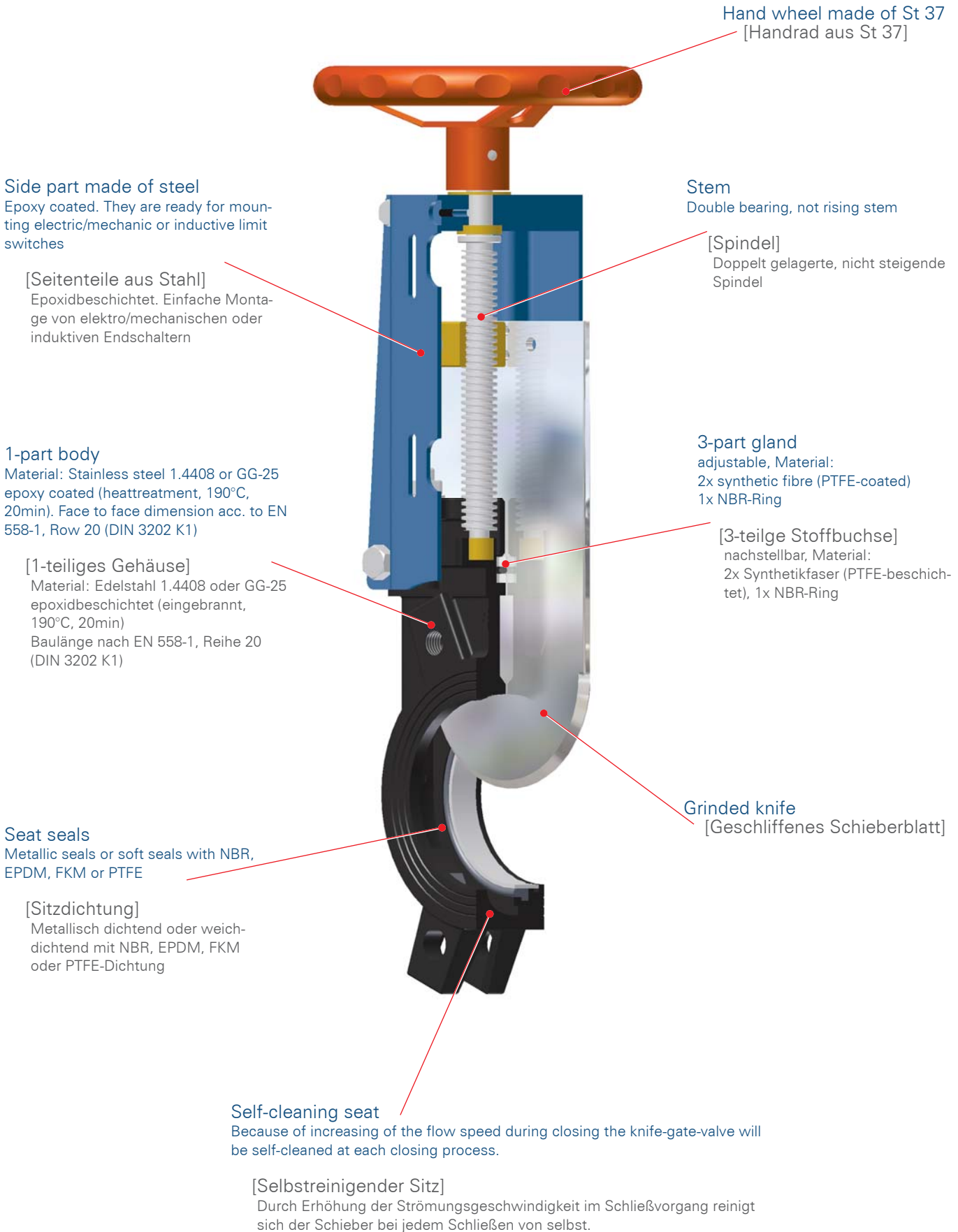
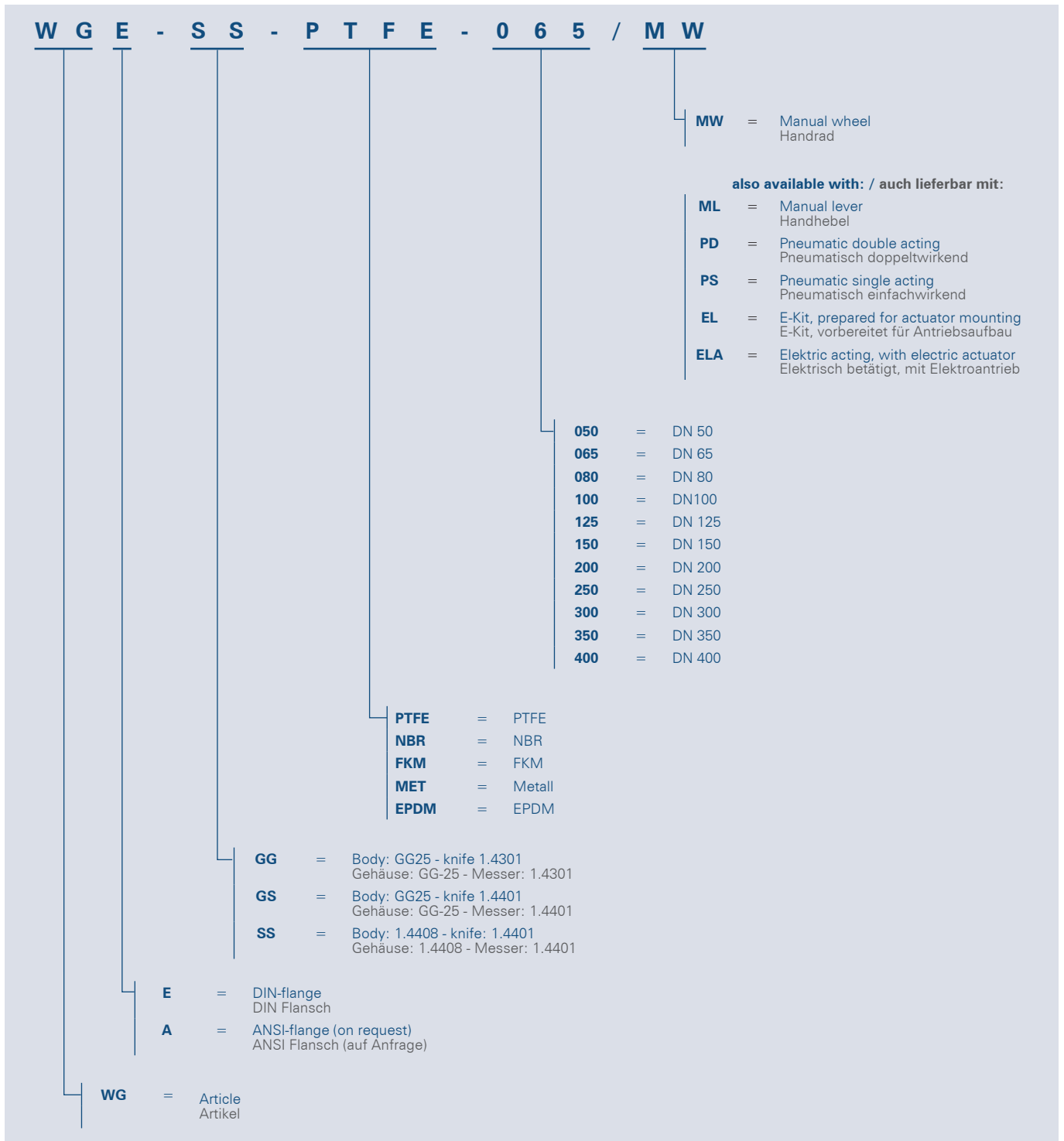


Features [Vorteile]



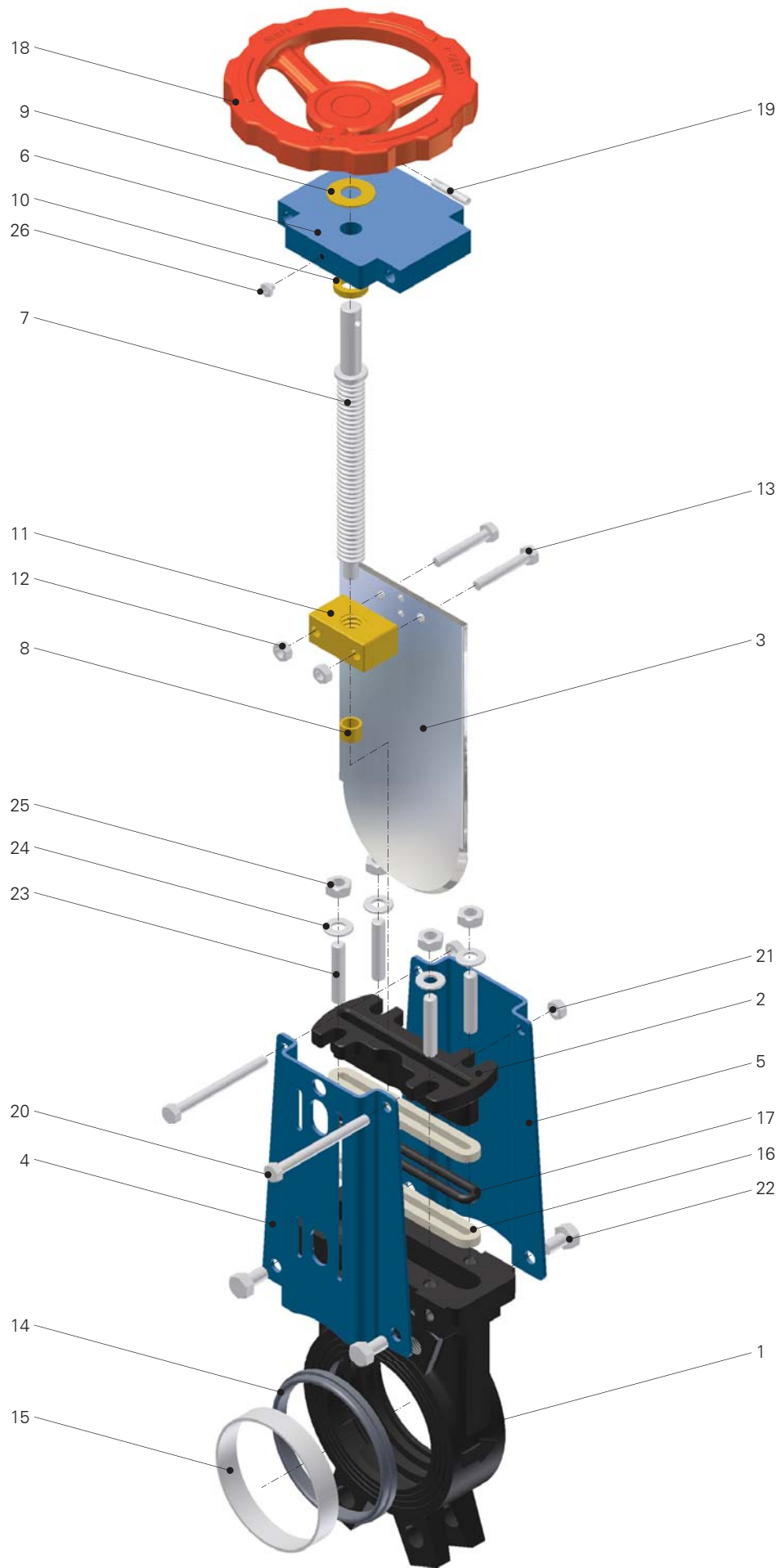
Article number key [Artikelnummernschlüssel]



Leaking rate [Leckrate]

Please note that you have to calculate for all metallic sealing knife-gate-valves with a leaking rate of appr. 0,4% of the Kv-value (for liquid media).

Bitte beachten Sie, das bei metallisch dichtenden Stoffschiebern mit einer Leckrate von 0,4% vom Kv-Wert zu rechnen ist (dünnflüssige Medien).



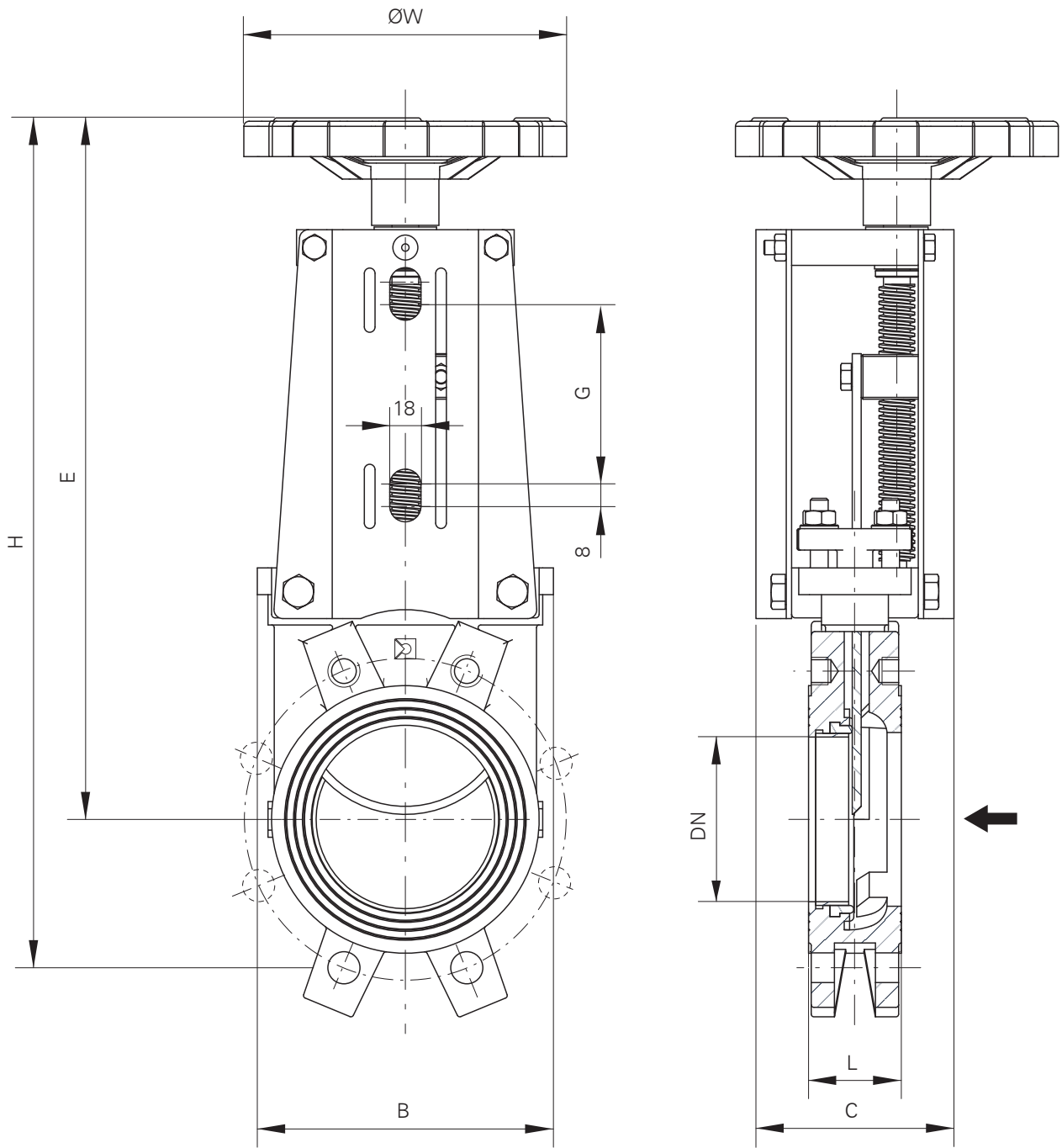
Parts list | grey cast iron
[Stückliste | GG-25]

Pos.	Description	Material	[Bezeichnung]	[Material]
1	Body	Grey cast iron	Gehäuse	Grauguß GG-25
2	Gland	Grey cast iron	Stopfbuchsbrille	Grauguß GG-25
3	Knife	Stainless steel 1.4301	Schieberblatt	Edelstahl 1.4301
4	Side part	Steel, epoxy coated	Seitenteil	Stahl, epoxidbeschichtet
5	Side part	Steel, epoxy coated	Seitenteil	Stahl, epoxidbeschichtet
6	Top plate	Steel, epoxy coated	Lagerplatte	Stahl, epoxidbeschichtet
7	Stem	Stainless steel 1.4305	Spindel	Edelstahl 1.4305
8	Bushing	Brass	Buchse	Messing
9	Disc	Brass	Scheibe	Messing
10	Disc	Brass	Scheibe	Messing
11	Stem nut	Bronze	Spindelmutter	Bronze
12	Hexagon nut	Steel, galvanised	Sechskantmutter	Stahl, verzinkt
13	Screw	Steel, galvanised	Schraube	Stahl, verzinkt
14	Sealing	NBR / EPDM / FKM / PTFE	Dichtung	NBR / EPDM / FKM / PTFE
15	Seat ring	Stainless steel	Sitzring	Edelstahl
16	Gland	Synthetic fibre, PTFE-coated	Stopfbuchspackung	Synthetikfaser, PTFE-beschichtet
17	Gland	NBR- / EPDM- / FKM-ring	Stopfbuchspackung	NBR- / EPDM- / FKM-Ring
18	Hand wheel	Steel, lacquered	Handrad	Stahl, lackiert
19	Pin	Stainless steel	Stift	Edelstahl
20	Screw	Steel, galvanised	Schraube	Stahl, verzinkt
21	Hexagon nut	Steel, galvanised	Sechskantmutter	Stahl, verzinkt
22	Screw	Steel, galvanised	Schraube	Stahl, verzinkt
23	Threaded pin	Steel, galvanised	Gewindestift	Stahl, verzinkt
24	Disc	Steel, galvanised	Scheibe	Stahl, verzinkt
25	Hexagon nut	Steel, galvanised	Sechskantmutter	Stahl, verzinkt
26	Lubrication nipple	Steel, galvanised	Schmiernippel	Stahl, verzinkt

Parts list | stainless steel
[Stückliste | Edelstahl]

Pos.	Description	Material	[Bezeichnung]	[Material]
1	Body	Stainless steel 1.4408	Gehäuse	Edelstahl 1.4408
2	Gland	Stainless steel 1.4408	Stopfbuchsbrille	Edelstahl 1.4408
3	Knife	Stainless steel 1.4401	Schieberblatt	Edelstahl 1.4401
4	Side part	Steel, epoxy coated	Seitenteil	Stahl, epoxidbeschichtet
5	Side part	Steel, epoxy coated	Seitenteil	Stahl, epoxidbeschichtet
6	Top plate	Steel, epoxy coated	Lagerplatte	Stahl, epoxidbeschichtet
7	Stem	Stainless steel 1.4404	Spindel	Edelstahl 1.4404
8	Bushing	Brass	Buchse	Messing
9	Disc	Brass	Scheibe	Messing
10	Disc	Brass	Scheibe	Messing
11	Stem nut	Bronze	Spindelmutter	Bronze
12	Hexagon nut	Stainless steel	Sechskantmutter	Edelstahl
13	Screw	Stainless steel	Schraube	Edelstahl
14	Sealing	NBR / EPDM / FKM / PTFE	Dichtung	NBR / EPDM / FKM / PTFE
15	Seat ring	Stainless steel	Sitzring	Edelstahl
16	Gland	Synthetic fibre, PTFE-coated	Stopfbuchspackung	Synthetikfaser, PTFE-beschichtet
17	Gland	NBR- / EPDM- / FKM-ring	Stopfbuchspackung	NBR- / EPDM- / FKM-Ring
18	Hand wheel	Steel, lacquered	Handrad	Stahl, lackiert
19	Pin	Stainless steel	Stift	Edelstahl
20	Screw	Steel, galvanised (stainless steel on req.)	Schraube	Stahl, verzinkt (Edelstahl auf Anfrage)
21	Hexagon nut	Steel, galvanised (stainless steel on req.)	Sechskantmutter	Stahl, verzinkt (Edelstahl auf Anfrage)
22	Screw	Steel, galvanised (stainless steel on req.)	Schraube	Stahl, verzinkt (Edelstahl auf Anfrage)
23	Threaded pin	Stainless steel	Gewindestift	Edelstahl
24	Disc	Stainless steel	Scheibe	Edelstahl
25	Hexagon nut	Stainless steel	Sechskantmutter	Edelstahl
26	Lubrication nipple	Steel, galvanised	Schmiernippel	Stahl, verzinkt

Dimensions
[Abmessungen]



DN	inch	H	L	E	B	C	G	W	bar	kg
50	2"	372	43	328	116	102	53	200	10	8
65	2½"	405	46	354	131	102	53	200	10	9
80	3"	441	46	367	146	102	82	200	10	10
100	4"	479	52	396	166	112	102	200	10	13
125	5"	510	56	413	197	112	130	250	10	17
150	6"	573	56	462	222	112	156	250	10	20
200	8"	714	60	578	275	130	205	350	8	34
250	10"	878	68	709	332	130	270	350	7	50
300	12"	1.010	78	815	386	130	320	350	6	66
350	14"	1.180	96	955	437	196	-	400	6	105
400	16"	1.311	100	1.059	491	196	-	400	5	135

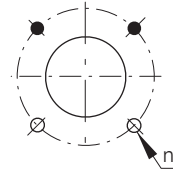
Flange and boring detail | DIN PN10 [Flansch- und Bohrungsdetail | DIN PN10]

DN	ØK	n	M	T	●	⊕
50	125	4	M16	8	2	2
65	145	4	M16	9	2	2
80	160	8	M16	9	2	2
100	180	8	M16	9	2	2
125	210	8	M16	9	2	2
150	240	8	M20	10	2	2
200	295	8	M20	10	2	2
250	350	12	M20	12	4	2
300	400	12	M20	14	4	2
350	460	16	M20	20	6	6
400	515	16	M24	23,5	6	6

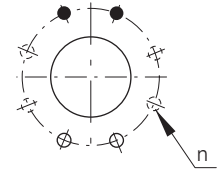
● Threaded blind hole
[Sackbohrung, Gewinde]

⊕ Through hole
[Durchgangsbohrung]

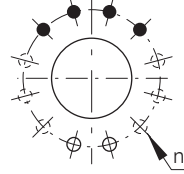
DN50 - DN65



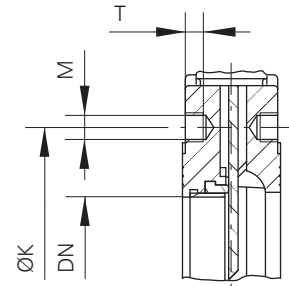
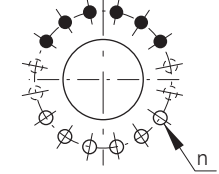
DN80 - DN200



DN250 - DN300



DN350 - DN400



Flange and boring detail | ANSI B16.5, class 150 [Flansch- und Bohrungsdetail | ANSI B16.5, class 150]

Only on request!

3" and 14" applied to ANSI B16.5, class 150 (different numbers of holes)

Nur auf Anfrage!

3" und 14" angelehnt an ANSI B16.5, class 150 (abweichende Bohrungsanzahl)

DN	ØK	n	M	T	●	⊕
2"	4¾"	4	5/8" UNC	8	2	2
2½"	5½"	4	5/8" UNC	9	2	2
3"	6"	8*	5/8" UNC	9	2	2
4"	7½"	8	5/8" UNC	9	2	2
5"	8½"	8	¾" UNC	9	2	2
6"	9½"	8	¾" UNC	10	2	2
8"	11¾"	8	¾" UNC	10	2	2
10"	14¼"	12	7/8" UNC	12	4	2
12"	17"	12	7/8" UNC	14	4	2
14"	18¾"	16*	1" UNC	20	4	2
16"	21¼"	16	1" UNC	23,5	6	6

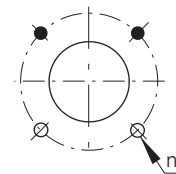
* Knife-gate valves 3" will be delivered in 8-hole flange execution and valves 14" in 16-hole flange execution!

* [Stoffschieber 3" werden in 8-Loch Flanschausführung, Stoffschieber in 14" in 16-Loch Flanschausführung geliefert!]

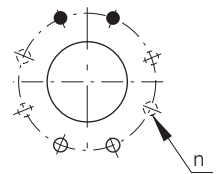
● Threaded blind hole
[Sackbohrung, Gewinde]

⊕ Through hole
[Durchgangsbohrung]

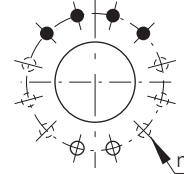
DN2" - DN2½"



DN3" - DN8"



DN10" - DN14"



DN16"

