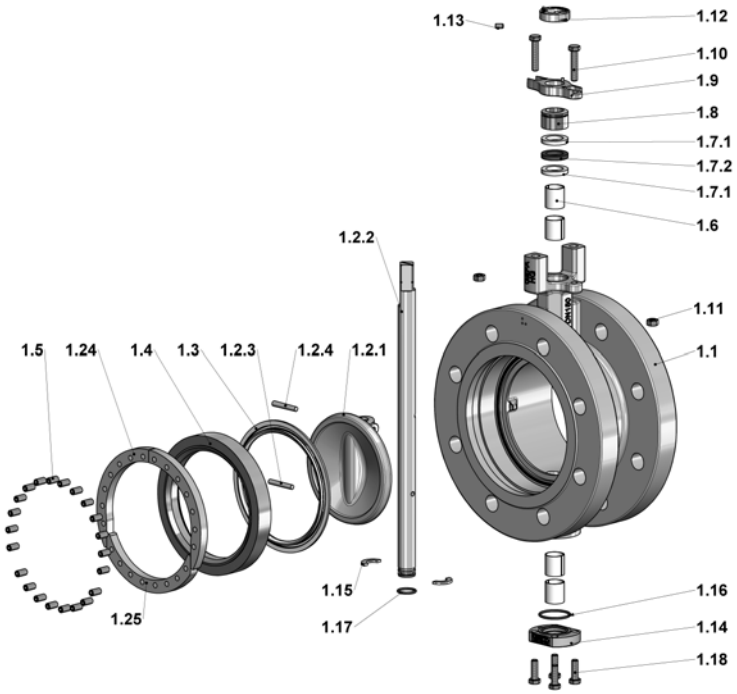
Materials DN80-300



Materials							
Pos.	Description	HG.4466TG	HG.6666TG	HG.4435M	HG.6635M	HG.4435HM	HG.6635HM
Permissible temperature (t_s)		-50°C / +220°C	-50°C / +220°C	-50°C / +220°C	-50°C / +220°C	-50°C / +400°C	-50°C / +400°C
1.1	Body	1.0619	1.4408	1.0619	1.4408	1.0619	1.4408
1.2	Valve disc with stem						
1.2.1	Valve disc	1.4408	1.4408	1.4408 nitrated	1.4408 nitrated	1.4408 nitrated	1.4408 nitrated
1.2.2	Stem	1.4571	1.4571	1.4571	1.4571	1.4571	1.4571
1.2.3	Cylinder pin	A4	A4	A4	A4	A4	A4
1.2.4	Taper pin	A4	A4	A4	A4	A4	A4
1.3	Seat*						
1.3.1	Seat*	PTFE + glass	PTFE + glass	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated
1.3.2	Sealing tape*	----	----	Graphite	Graphite	Graphite	Graphite
1.4	Insert ring	1.0577	1.4571	1.0577	1.4571	1.0577	1.4571
1.5	Threaded pin	A4	A4	A4	A4	A4	A4
1.6	Bearing bush	1.4401 / PTFE	1.4401 / PTFE	1.4401 / PTFE	1.4401 / PTFE	1.4401	1.4401
1.7	Package*	PTFE + graph-ite	PTFE + graph-ite	PTFE + graph-ite	PTFE + graph-ite	Graphite	Graphite
1.7.1	Package*	PTFE	PTFE	PTFE	PTFE	Graphite	Graphite
1.7.2	Package*	Graphite	Graphite	Graphite	Graphite	----	----
1.8	Gland	1.4305	1.4305	1.4305	1.4305	1.4305	1.4305
1.9	Packing gland	1.4408	1.4408	1.4408	1.4408	1.4408	1.4408
1.10	Hexagon screw	A2-70	A2-70	A2-70	A2-70	A2-70	A2-70
1.11	Hexagon nut	A2	A2	A2	A2	A2	A2
1.12	Override protection	1.4308	1.4308	1.4308	1.4308	1.4308	1.4308
1.13	Threaded pin	A2	A2	A2	A2	A2	A2
1.14	Base flange	1.4408	1.4408	1.4408	1.4408	1.4408	1.4408
1.15	Axial securing	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated
1.16	Base flange seal*	FEP / FPM	FEP / FPM	FEP / FPM	FEP / FPM	Graphite	Graphite
1.17	O-ring*	FPM	FPM	FPM	FPM	FPM	FPM
1.18	Hexagon screw	A2-70	A2-70	A2-70	A2-70	A2-70	A2-70
1.24	Clamping element	1.0577	1.4571	1.0577	1.4571	1.0577	1.4571
1.25	Clamping element	1.0577	1.4571	1.0577	1.4571	1.0577	1.4571

*= Wear parts

If resistance to intergranular corrosion is required, the application temperature must not exceed 300 ° C.

Subject to changes