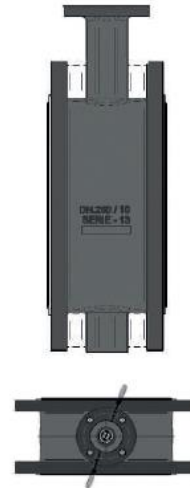


### Body

Body material	Description	Code
Ductile iron	EN 1563 GJS-400-15 (GGG 40)	GA03



### Shaft and bushings

Shaft material	Description	Code
<b>Stainless steel Standard</b>	<b>AISI 420</b>	<b>SD55</b>
Stainless steel	AISI 316	SC50
Stainless steel	AISI 316L	SC51
Duplex	1.4462	SE02
Super Duplex	1.4410	SE04
Nickel copper	Monel K 500 Monel 400	SF50 SF51
Aluminium bronze	CuAl10FeNi5C (EN1982) / CC333G	SG01
Nickel chromium molybdenum	INCONEL 625	SF52



Shaft bushing material	Nominal diameters
Acetal Delrin	DN 40 – 200
Steel bronze with PTFE	DN 250 – 1100
Bronze Rg-07	DN 1200



## Scheiben

Disc material	Description	Code	Characteristics	Application
Stainless steel	A 351 Gr. CF8 (1.4308, AISI 304)	GE51	Limited chemical and corrosion resistance	Fresh water, neutral liquids
<b>Stainless steel</b>	<b>A 351 Gr. CF8M, (1.4408, AISI 316)</b>	<b>GE54</b>	Good chemical and corrosion resistance	Aqueous acids, drinking water, demineralised water
Stainless steel polished	A 351 Gr. CF8M, (1.4408, AISI 316)	GE54	Good chemical and corrosion resistance	Food products
<b>Ductile iron epoxy coated</b>	<b>EN 1563 GJS-400-15 (GGG 40)</b>	<b>GA03</b>	Good mechanical strength, similar to carbon steel	Warm water (max. 90°C), air, gas, neutral liquids
Tin bronze ≤ DN 300	EN 1982 CuSn10-C (CC480K)	GK01	Very good chemical and corrosion resistance	Saltwater
Aluminium bronze ≥ DN 350	EN 1982 CuAl10Fe5Ni5-C (CC333G)	GK02	Very good chemical and corrosion resistance	Saltwater
Carbon steel epoxy coated	A 216 Gr. WCB (1.0619)	GD51	Good mechanical strength	Fresh water, gas
Duplex stainless steel	A 995 Gr. CD4MCuN (1.4462)	GF53	Very good abrasion and chemical resistance	Chemically aggressive media, acids, sour gas



## Seals

Seal material	Code	Description acc. to ISO 1629	Temperature range	Application
Ethylene propylene	M01	EPDM	-20°C...+110°C	Fresh water, saltwater, weak acids and bases
<b>EPDM DVGW / SVGW (ACS, WRAS, KTW, W270)</b>	<b>M05</b>	<b>EPDM</b>	<b>-20°C...+95°C</b>	<b>Drinking water, saltwater, weak acids and bases</b>
<b>Nitrile</b>	<b>M07</b>	<b>NBR</b>	<b>-10°C...+90°C</b>	<b>Mineral oils, vegetable oils, greases</b>
Viton	M20	FPM	-15°C...+210°C	Acids, high temperatures

