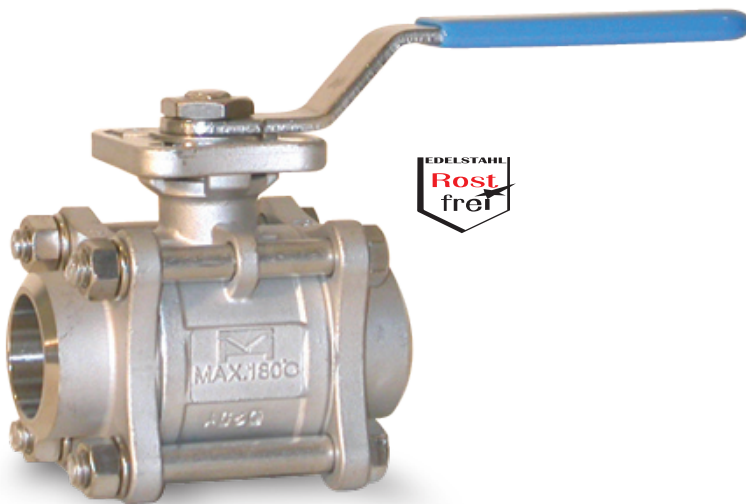


3-delad kulventil med hus av syrafast stål, AISI316. PN 63

3-pcs ball valve in stainless steel, AISI316. PN 63

3-teilige Kugelhahn mit gehäuse aus Edelstahl, AISI316. PN 63



ISO-5211 Direktmontage

ISO-5211 Direct mount

ISO-5211 Direkten Antriebsaufbau

Beskrivning

3-delad kulventil med svetsändar i syrafast stål. Ventilen är utrustad med ISO-5211 toppfläns för direktmontage av manöverdon. Utblåsningsäker spindel och självkompenserande packbox för utmärkt atmosfärisk tätning. Högglanspolerad kula och sätestätningar av glasfiberförstärkt PTFE som standard. Låsbar handspak. ATEX och antistatiskt utförande.

Description

3-pcs ball valve with welded connection in acid resistant stainless steel. The valve is equipped with ISO-5211 top flange for direct mounting of actuators. The stem is blow-out-proof and has a self compensating packing box for excellent atmospheric tightness. A mirror polished ball and PTFE-glassfiber reinforced sealings. Lockable handle. ATEX and anti-static design.

Beschreibung

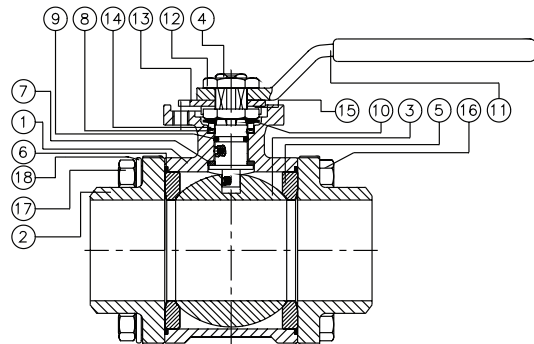
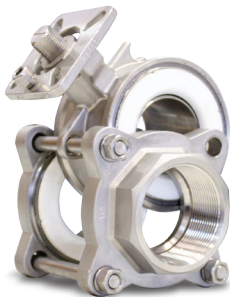
3-teilige Kugelhahn aus Edelstahl mit Anschweißenden. Das Ventil ist mit ISO-5211 Top-Flansch für die direkte Montage der Antriebe. Der Spindel ist Blow-out-Nachweis und verfügt über eine selbst Veredelungserzeugnisse Verpackung Box für exzellente atmosphärische Dichtheit. Ein Spiegel polierter Kugel-und PTFE-Glasfaser verstärkt Dichtungen. Abschließbarer Griff. ATEX und anti-statische Konstruktion.



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Teknisk data / Technical data / Technische Daten

Max. tryck	Max. pressure	Max. Druck	63 bar
Temp. område	Temp. range	Mediumtemp.	-30°C – 180°C

Material / Material / Material

①	Hus	Body	Gehäuse	AISI 316L, 1.4408
②	Gavel	Cap	Anschlußende	AISI 316L, 1.4408
③	Kula	Ball	Kugel	AISI 316L, 1.4408
④	Spindel	Stem	Spindel	AISI 316, 1.4401
⑤	Kulsäte	Ball seat	Kugel sitz	RTFE
⑥	Packning	Gasket	Dichtung	PTFE
⑦	Tryckbricka	Thrust washer	Zentrierring	PTFE
⑧	Spindelätning	Packing	Spindel dichtung	PTFE / RTFE
⑨	O-ring	O-ring	O-ring	FKM
⑩	Fjäderbricka	Belleville washer	Tellerfeder	50CrV4
⑪	Handspak	Handle	Handlebel	AISI 304, 1.4301
⑫	Spindelmutter	Stem nut	Spindelmutter	AISI 304, 1.4301
⑬	Låsningssplatta	Lock pad	Abschließ	AISI 304, 1.4301
⑭	Glandring	Gland ring	Druckring	AISI 304, 1.4301
⑮	Låsbricka	Lock washer	Sicherungsring	AISI 304, 1.4301
⑯	Bult	Bolt	Schrauben	AISI 304, 1.4301
⑰	Mutter	Nut	Mutter	AISI 304, 1.4301
⑱	Bricka	Washer	Ring	AISI 304, 1.4301

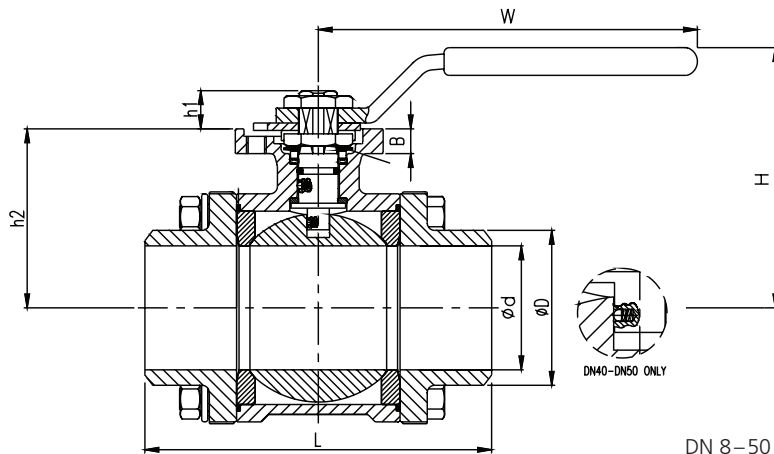
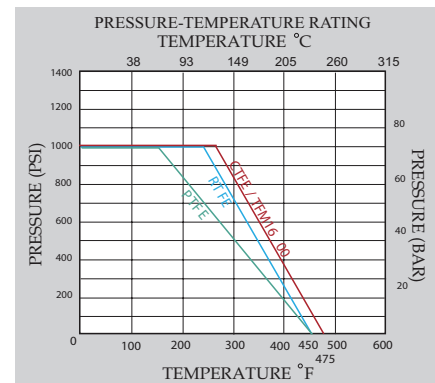
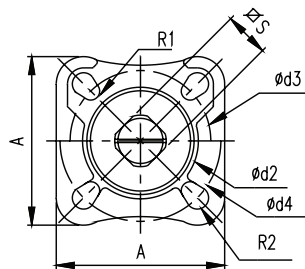
Alt.utförande / Alt.execution / Alt. Ausführung

Hus av stål	Body of carbon steel	Gehäuse aus Stahl
Gånganslutning	Threaded ends	Gewinde
Anti-bakterie utförande	Cavity-free version	Hohlraumarme Ausführung
Elektriskt manöverdon	Electric actuator	Elektrischer Schwenkantrieb
Pneumatiskt manöverdon	Pneumatic actuator	Pneumatischer Schwenkantrieb
Reglerkula (V-port)	Regulation ball (V-port)	Reglierkugel (V-port)

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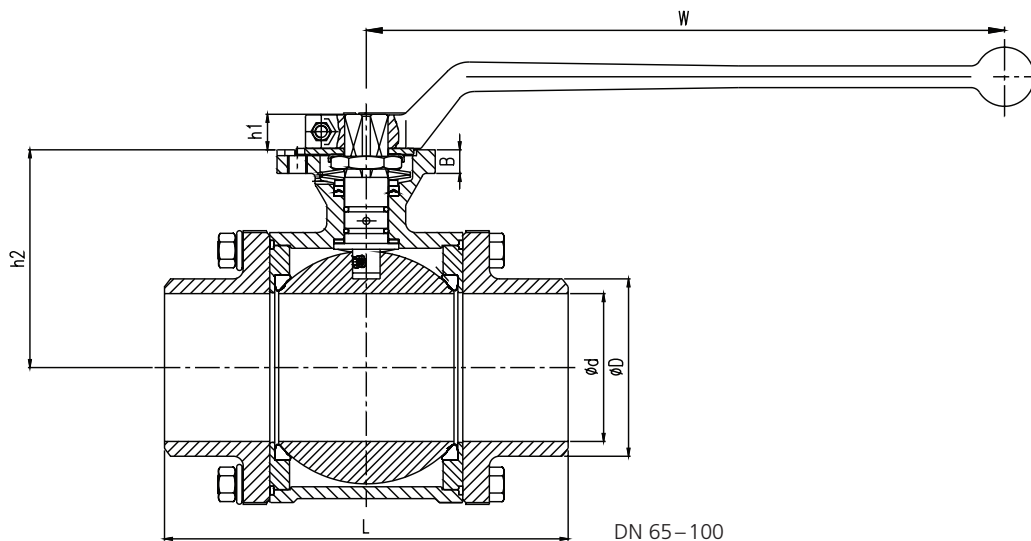
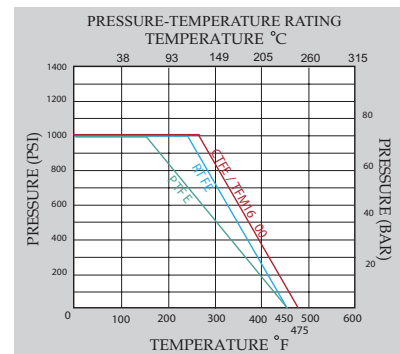
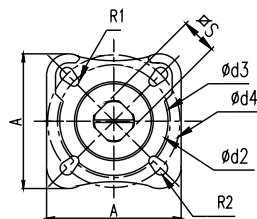
DN 8-50

Art. nr	DN	L	W	ISO-5211	A	B	S	h1	h2	d2	d3	d4	R1	R2	Vridmoment/ Torque (Nm)
BPS 2421008	8	66	120	F03/F04	42	6,5	9	8	40,3	31	36	42	2,75	2,75	4
BPS 2421010	10	66	120	F03/F04	42	6,5	9	8	40,3	31	36	42	2,75	2,75	4
BPS 2421015	15	66	120	F03/F04	42	6,5	9	8	40,3	31	36	42	2,75	2,75	4
BPS 2421020	20	75	120	F03/F04	42	6,5	9	9	45,0	31	36	42	2,75	2,75	6
BPS 2421025	25	85	148	F04/F05	50	7,5	11	10	47,5	35,5	42	50	2,75	3,5	10
BPS 2421032	32	100	148	F04/F05	50	7,5	11	11	55,5	35,5	42	50	2,75	3,5	16
BPS 2421040	40	140	178	F05/F07	70	9,0	14	12	65,5	56	50	70	3,5	4,5	22
BPS 2421050	50	150	178	F05/F07	70	9,0	14	12	73,0	56	50	70	3,5	4,5	27

3-delad kulventil med hus av syrafast stål, AISI316. PN 63

3-pcs ball valve in stainless steel, AISI316. PN 63

3-teilige Kugelhahn mit gehäuse aus Edelstahl, AISI316. PN 63



Art. nr	DN	L	W	ISO-5211	A	B	S	h1	h2	d2	d3	d4	R1	R2	Vridmoment/ Torque (Nm)
BPS 2421065	65	170	325	F07/F10	100	10	17	17	105	70	70	102	4,5	5,5	63
BPS 2421080	80	180	325	F07/F10	100	10	17	17	111,5	70	70	102	4,5	5,5	92
BPS 2421100	100	190	325	F10/F12	125	12	22	22	136	100	102	125	5,5	6,5	110

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Sätmaterial/ Seat material	Material	Beskrivning/Description	Temp. °C	Färg/Color	Anv. område/ Service Appl.
PTFE	Virgin Polyetrafluor- oethylene	Virgin PTFE is the most commonly used sealing material in ball valves. It is suitable for most medias and has an excellent chemical resistance.	-45°C – 160°C	White	General Chemical
R(P)TFE	15% Glass filled reinforced PTFE	15% Glass filled reinforced PTFE has the same good chemical resistance as PTFE but with an improved life cycle and greater pressure rating.	-45°C – 180°C	Off-White	For low and medium pressure service. Steam service up to 150 psig (ca. 10 bar)
TFM1600	Modified PTFE (PFA & PTFE)	Second Generation PTFE. Offers lower coefficient of friction and lower torque values. Better deformation resistance.	-57°C – 180°C	White	Ideal for applications which require higher purity such as semiconductor
CTFE MG1241	Carbon Graphite Reinforced PTFE	Carbon Graphite Reinforced PTFE is an excellent seat material for steam and thermal services. It has a good abrasion resistance. Due to its high cycling capability it is the recommended soft seat for modulating control applications.	-45°C – 200°C	Black	For high temperature. High pressure for steam service up to 450 psig (ca. 30 bar)
MS02 MG1431	MS02 Filled PTFE	Glass and Metal Oxide PTFE filled. Not suitable for food applications.	-45°C – 180°C	Grey	For high temperature. High pressure for steam service up to 450 psig (ca. 30 bar)
PEEK	Poly Ether Keton	Poly Ether Keton is a material with outstanding pressure capabilities at high temperatures. It also has an excellent chemical and abrasion resistance.	-45°C – 260°C	Grey	Best suited for high temperature and pressure service up to 3000 psig (ca. 200 bar)
DELRIN	Dupont's Acetal Homopolymer (Delrin)	Delrin is capable of handling extremely high pressure. Should not be used in oxygen service.	-40°C – 80°C	Creamy white	Best suited for high pressure service up to 6000 psig (400 bar)
UHMW-PE	Ultra High Molecular Weight Polyethylene	UHMW-PE is ideal for use in low level radiation service. This seat also has an excellent resistance to abrasive media. Used in the tobacco industry.	-30°C – 80°C	White	Best suited for abrasion resistance
SS/PTFE	Stainless Powder PTFE	SS/PTFE combines the strength of metal with the lubricity of PTFE. (50% PTFE and 50% AISI316 powder). This combination provides a higher abrasion, pressure and temperature rating than RTFE	-28°C – 220°C	Grey	Best suited for abrasion and control steam application.