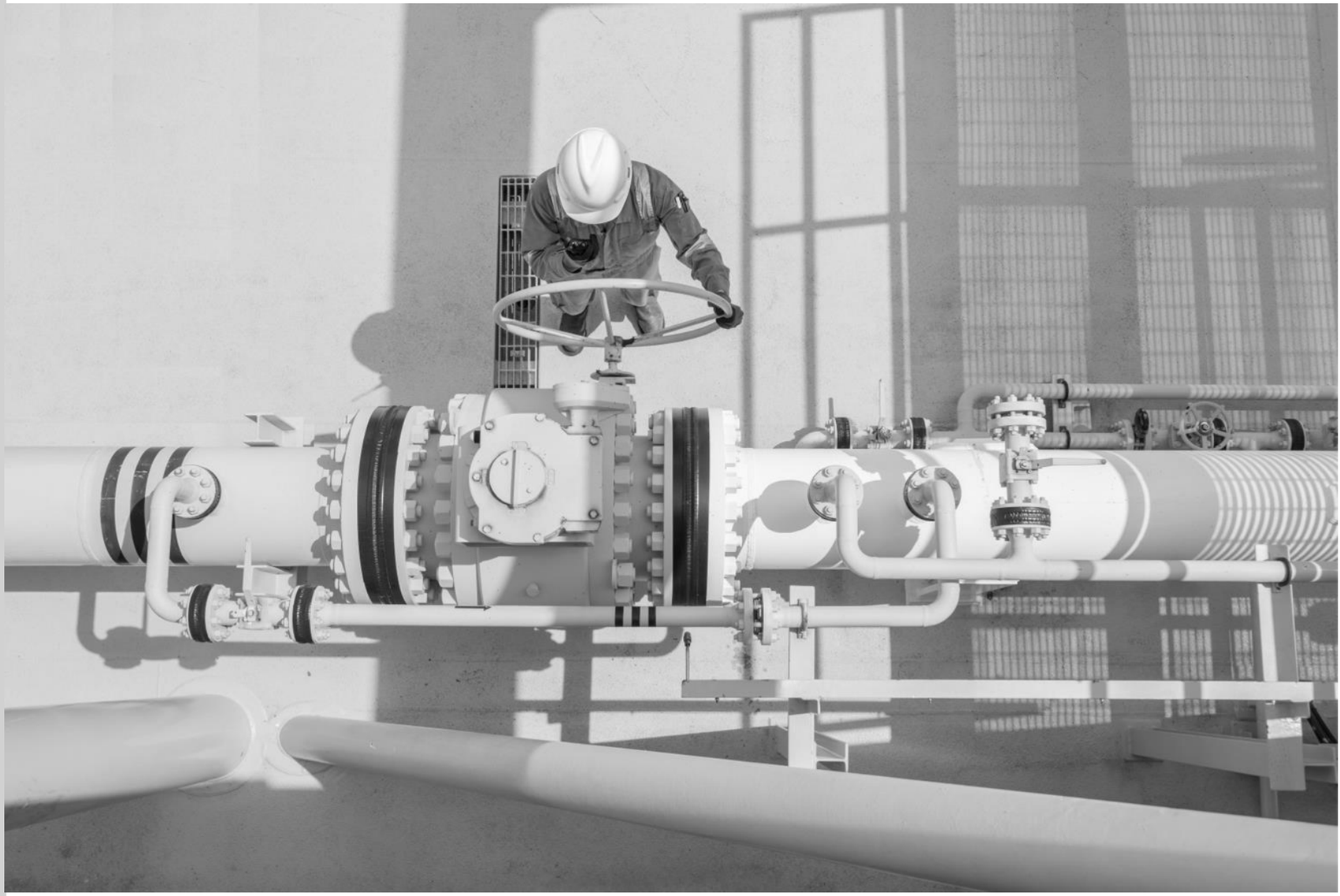
GENERAL PRODUCT OVERVIEW



ITI FLOW CONTROL

YOUR ONE-STOP
VALVE SOLUTION

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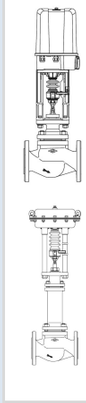
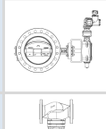
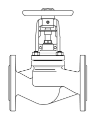
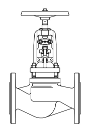
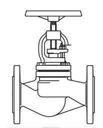
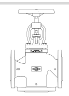
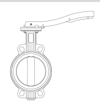
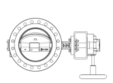
PRODUCT OVERVIEW

CONTROL					Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register
CONTROL	Regulators with auxiliary energy		**Control Valve**	STEVI®	12.	440/448	DN 15 - 250	PN16	EN-JL1040	**A1/2**
					22./23.	470/422/425/	DN 15 - 300	PN16 - 25	EN-JS1049	**A1/2**
					34./35.	450/423	DN 15 - 500	PN25 - 40	1.0619+N	**A1/2**
					54./55.	445/446	DN 15 - 250	PN25 - 40	1.4408	**A1/2**
					32./35.	470....90	DN 25 - 200	ANSI 150 - 300	SA216WCB	A1
					45.	440....90	NPS 1/2“ - 2“	ANSI 150 - 300	SA105	A1
				STEVI® (Stainless steel/bellows seal)	12.	441/449	DN 15 - 250	PN 16	EN-JL1040	**A1/2**
					22./23.	471/462/426/	DN 15 - 300	PN 16 - 25	EN-JS1049	**A1/2**
					34./35.	451/463	DN 15 - 500	PN 25 - 40	1.0619+N	**A1/2**
					54./55.		DN 15 - 250	PN 25 - 40	1.4408	**A1/2**
					32./35.	471....90	DN 25 - 200	ANSI150-300/PN40	SA216WCB	A1
					45.	441....90	NPS 1/2“ - 2“	ANSI 150 - 300	SA105	A1
				STEVI® Medium pressure	36.	472.	DN 15 - 125	PN 63	1.0619+N	**A1**
					37.		DN 15 - 125	PN 100	1.0619+N	**A1**
					38.		DN 15 - 125	PN 160	1.0619+N	**A1**
					86.		DN 15 - 125	PN 63	1.7379	**A1**
					87.		DN 15 - 125	PN 100	1.7379	**A1**
					88.		DN 15 - 125	PN 160	1.7379	**A1**
			**Butterfly**	ZETRIX®	31./32./34./35	016 / 018	DN 150 - 600	PN 10 - 40	1.0619+N	**B6**
					32./35.	016....90	NPS 3“ - 24“	ANSI 150 - 300	SA216WCB	B3
					51./52./54./55	016 / 018	DN 150 - 600	PN 10 - 40	1.4408	**B6**
					52./55.	016....90	NPS 3“ - 24“	ANSI 150 - 300	SA351CF8M	B3
	Regulators - self operated		**Rressure Reducing Valves**	PREDU®	12.	701.	DN 15 - 150	PN 16	EN-JL1040	**A6**
					22./23.		DN 15 - 150	PN 16 - 25	EN-JS1049	**A6**
					32./35.		DN 15 - 150	PN 16 - 40	1.0619+N	**A6**
					32./35.	701....90	NPS 1“ - 6“	ANSI 150 - 300	SA216WCB	A4
			**Excess pressure regulator**	PREDEX®	12.	705.	DN 15 - 150	PN 16	EN-JL1040	**A6**
					22./23.		DN 15 - 150	PN 16 - 25	EN-JS1049	**A6**
					32./35.		DN 15 - 150	PN 16 - 40	1.0619+N	**A6**
					32./35.	705....90	NPS 1“ - 6“	ANSI 150 - 300	SA216WCB	A4
			**Pressure regulating valves**	PRESO®	12.	753.	DN 15 - 100	PN 16	EN-JL1040	**A6**
					22.		DN 15 - 100	PN 16	EN-JS1049	**A6**
					32.		DN 15 - 100	PN 16	1.0619+N	**A6**
					52.		DN 15 - 100	PN 16	1.4408	**A6**
			**temperature regulators**	TEMPTROL®	12.	771/772.	DN 15 - 100	PN 16	EN-JL1040	**A6**
					22./23.	773/774.	DN 15 - 100	PN 16 - 25	EN-JS1049	**A6**
					35.	775	DN 15 - 100	PN 40	1.0619+N	**A6**
					55.		DN 15 - 100	PN 40	1.4408	**A6**

Selection of possible flow media																				Tests / Certifications		
Fluid group 1											Fluid group 2											
Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25°C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam		DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
				✓						✓	✓	✓	✓		✓	✓			✓	·Type approval according to DIN 32730
		✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	(STEVI440 with FR2.1)
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	·DIN32730
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓			✓	Control Valve for water and steam
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓				
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓				
✓				✓	✓					✓		✓	✓		✓	✓			✓	
✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	·TA Luft
✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	Technical rules for clean air (with actuator DP)
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	
✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓				
✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓				
										✓		✓	✓		✓	✓			✓	
										✓		✓	✓		✓	✓			✓	
										✓		✓	✓		✓	✓			✓	
										✓		✓	✓		✓	✓			✓	
										✓		✓	✓		✓	✓			✓	
										✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓			✓	·AD2000-A4
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓			✓	Accessory housings
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓				
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓			✓	·AD2000-A4
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓			✓	Accessory housings
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓				
✓				✓						✓	✓	✓	✓		✓	✓			✓	·AD2000-A4, Accessory housings
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓			✓	·AD2000-A2, Safety appliances against excess pressure safety valves
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	·TA Luft, Technical rules for clean air
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	
										✓		✓	✓		✓	✓			✓	·VdTÜV Reg. No., TR910/TW911 (DIN CERTCO)
							✓			✓		✓	✓		✓	✓			✓	·DIN EN 14597, Temperature control devices temperature limiters for
							✓			✓	✓	✓	✓		✓	✓			✓	heat generating systems
							✓			✓	✓	✓	✓	✓	✓	✓			✓	

PRODUCT OVERVIEW

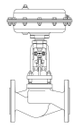
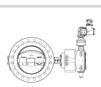
ISOLATION					Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register	Selection of possible flow media																		Tests / Certifications		
											Fluid group 1										Fluid group 2										
											Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25°C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam		DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
ISOLATION	Hand operated stop valves		Stop valves with bellows seal	FABA®Plus	12.	046, 047	DN 15 - 300	PN 16	EN-JL1040	B1	✓				✓						✓		✓	✓		✓	✓			✓	·TA Luft, Technical rules for clean air
					22.	046	DN 15 - 350	PN 16	EN-JS1049	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓		✓	✓	·DIN EN 1074-1/-2 / DIN EN 13774
					22.	047	DN 15 - 300	PN 16	EN-JS1049	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Stop valves for gas and water PN 4 up to PN16
					23.	046	DN 15 - 150	PN 25	EN-JS1049	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	·DIN 3230 T5/T6 / DIN EN 12266
					34./35.	046, 040, 066, 047	DN 15 - 400	PN 25 - 40	1.0619+N	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Technical conditions of delivery for valves
					45.	046, 040	DN 15 - 50	PN 40	1.0460	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	·AD2000-A4
					52./55.	046, 069	DN 15 - 250	PN 16 - 40	1.4408	B1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	Accessory housings
					62./65.	046, 069	DN 15 - 250	PN 16 - 40	1.4408 Body 1.0619+N Bonnet	B1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	·TA Luft Technical rules for clean air
					54./55.	066	DN 15 - 200	PN 25 - 40	1.4408	B1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
					32./35.	041	DN 15 - 250	ANSI 150 - 300	SA216WCB	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
					45.	049	DN 15 - 50	ANSI 300	SA105	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
				FABA®Supra I	34./35.	146, 140, 166, 147	DN 15 - 400	PN 25 - 40	1.0619+N	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	·DIN 3230 T5/T6 / DIN EN 12266
					44./45.	146, 140	DN 15 - 50	PN 25 - 40	1.0460	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Technical conditions of delivery for valves
					54./55.	146, 169, 166	DN 15 - 250	PN 25 - 40	1.4408	B1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	·AD2000-A4. Accessory housings
					32./35.	141	DN 15 - 250	ANSI 150 - 300	SA216WCB	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
					45.	149	DN 15 - 50	ANSI 300	SA105	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
				FABA®Supra C	34./35.	146, 140, 166, 147	DN 15 - 400	PN 25 - 40	1.0619+N	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	·DIN 3230 T5/T6 / DIN EN 12266
					44./45.	146, 140	DN 15 - 50	PN 25 - 40	1.0460	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Technical conditions of delivery for valves
					54./55.	146, 169, 166	DN 15 - 250	PN 25 - 40	1.4408	B1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	·AD2000-A4. Accessory housings
					32./35.	141	DN 15 - 250	ANSI 150 - 300	SA216WCB	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
					45.	149	DN 15 - 50	ANSI 300	SA105	B1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
	Hand operated stop valves		Stop valves with gland seal	STOBU®	12.	006/306, 007/307	DN 15 - 300	PN 16	EN-JL1040	B2					✓						✓	✓	✓	✓		✓	✓			✓	
					22./23.	006/306, 007/307	DN 15 - 350	PN 16 - 25	EN-JS1049	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					34./35.	006/306,005,007/30	DN 15 - 500	PN 25 - 40	1.0619+N	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					45.	006, 005	DN 15 - 50	PN 40	1.0460	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					52./54./ 55.	006, 009	DN 15 - 200	PN 16 - 40	1.4408	B2			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
				STOBU® Medium pressure	36./37./38.	006, 005	DN 65 - 100	PN 63 - 160	1.0619+N	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					46./48.	006, 005	DN 10 - 50	PN 63 - 160	1.0460	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					47.	005	DN 10 - 50	PN 100	1.0460	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					86./87./88.	006, 005	DN 10 - 50	PN 63 - 160	1.7335	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					86./87./88.	006, 005	DN 65 - 100	PN 63 - 160	1.7357	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
					86./87./88.	005	DN 10 - 50	PN 63 - 160	1.5415	B2			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓			✓	
			Changeover valves	Changeover valves	12.	017	DN 15 - 250	PN 16	EN-JL1040	B5					✓						✓	✓	✓	✓		✓	✓			✓	
					34./35.		DN 15 - 250	PN 25 - 40	1.0619+N	B5			✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	
			Butterfly Valves	ZIVA®-Z	20./21./22.	014	DN 25 - 600	PN 6 - 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	
				ZIVA®-G	21./22.	015	DN 25 - 600	PN 10 - 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	
				ZETRIX®	31./32./34./35	016 / 018	DN 150 - 600	PN 10 - 40	1.0619+N	B6			✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓			✓	·Fire Safe
					32./35.	016....90	NPS 3“ - 24“	ANSI 150 - 300	SA216WCB	B3			✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓				
					51./52./54./55	016 / 018	DN 150 - 600	PN 10 - 40	1.4408	B6			✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓			✓	
					52./55.	016....90	NPS 3“ - 24“	ANSI 150 - 300	SA351CF8M	B3			✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓				

For more details, please visit www.itiflow.com
Our engineer is responsible for the selection of the right valve.

PRODUCT OVERVIEW

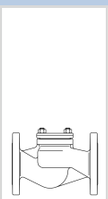
ISOLATION

Automated stop valves

		Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register
	**Stop valves with gland seal**	BR 405	12.	405	DN 15 - 250	PN 16	EN-JL1040	**B7**
			22/23.		DN 15 - 400	PN 16 - 25	EN-JS1049	**B7**
			34/35.		DN 15 - 500	PN 25 - 40	1.0619+N	**B7**
			55.		DN 15 - 250	PN 25 - 40	1.4408	**B7**
		STOBU®	46./48.	006, 005	DN 10 - 50	PN 63 - 160	1.0460	**B2**
			47.	005	DN 10 - 50	PN 100	1.0460	**B2**
			86./87./88.	006, 005	DN 10 - 50	PN 63 - 160	1.7335	**B2**
			86./87./88.	005	DN 10 - 50	PN 63 - 160	1.5415	**B2**
		BR 460	12.	460	DN 15 - 250	PN 16	EN-JL1040	**B7**
			22/23.		DN 15 - 400	PN 16 - 25	EN-JS1049	**B7**
			34/35.		DN 15 - 500	PN 25 - 40	1.0619+N	**B7**
			55.		DN 15 - 250	PN 25 - 40	1.4408	**B7**
	**Stop valves with bellows seal**	FABA®Supra I	34./35.	146, 140, 166, 147	DN 15 - 400	PN 25 - 40	1.0619+N	**B1**
			44./45.	146, 140	DN 15 - 50	PN 25 - 40	1.0460	**B1**
			54./55.	146, 169, 166	DN 15 - 250	PN 25 - 40	1.4408	**B1**
			32./35.	141	DN 15 - 250	ANSI 150 - 300	SA216WCB	**B1**
			45.	149	DN 15 - 50	ANSI 300	SA105	**B1**
		FABA®Supra C	34./35.	146, 140, 166, 147	DN 15 - 400	PN 25 - 40	1.0619+N	**B1**
			44./45.	146, 140	DN 15 - 50	PN 25 - 40	1.0460	**B1**
			54./55.	146, 169, 166	DN 15 - 250	PN 25 - 40	1.4408	**B1**
			32./35.	141	DN 15 - 250	ANSI 150 - 300	SA216WCB	**B1**
			45.	149	DN 15 - 50	ANSI 300	SA105	**B1**
	**Blow down valves**	STEVI®BBD	35.	415	DN 25 - 50	PN 40	1.0619+N	**B8**
	**Butterfly Valves**	ZIVA®-Z NG-4313BQ0462 NW-6201BQ0460 DIN DVGW Reg.	20./21./22.	014	DN 25 - 600	PN 6 - 16	EN-JS1030	**B6**
		ZIVA®-G NG-4313BQ0462 NW-6201BQ0460 DIN DVGW Reg.	21./22.	015	DN 25 - 600	PN 10 - 16	EN-JS1030	**B6**
		ZETRIX®	31./32./34./35	016 / 018	DN 150 - 600	PN 10 - 40	1.0619+N	**B6**
			32./35.	016....90	NPS 3“ - 24“	ANSI 150 - 300	SA216WCB	**B3**
			51./52./54./55	016 / 018	DN 150 - 600	PN 10 - 40	1.4408	**B6**
			52./55.	016....90	NPS 3“ - 24“	ANSI 150 - 300	SA351CF8M	**B3**

Selection of possible flow media																				Tests / Certifications		
Fluid group 1											Fluid group 2											
Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25°C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam		DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
				✓						✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	·DIN 3230 T5/T6 / DIN EN 12266
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	Technical conditions of delivery for valves
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	·AD2000-A4
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	Accessory housings
✓										✓		✓	✓		✓	✓			✓	TA Luft
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Technical rules for clean air (with actuator DP)
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	DIN 3230 T5/T6 / DIN EN 12266 Technical conditions of delivery for
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	valves
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	AD2000-A4, Accessory housings
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				
													✓			✓			✓	
✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	·DIN EN 1074-1/-2 / DIN EN 13774 Stop valves for gas and water PN 4 up to PN16
✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	
		✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓				
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓			✓	
		✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓				

For more details, please visit www.itiflow.com
Our engineer is responsible for the selection of the right valve.



PRODUCT OVERVIEW

ISOLATION					Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register	Selection of possible flow media																		Tests / Certifications		
											Fluid group 1										Fluid group 2										
											Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25°C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam		DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
ISOLATION	Other valves		Check valves	CHECKO® V	10./12.	003/303, 004/304	DN 15 - 300	PN 6 - 16	EN-JL1040	**B10**	✓				✓						✓		✓	✓		✓	✓			✓	·TA Luft
					22./23.	003/303, 004/304	DN 15 - 350	PN 16 - 25	EN-JS1049	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Technical rules for clean air
					34./35.	003/303, 004/304,	DN 15 - 500	PN 25 - 40	1.0619+N	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					45.	003, 030	DN 15 - 50	PN 40	1.0460	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					52./55.	003, 039	DN 15 - 200	PN 16 - 40	1.4408	**B10**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
				CHECKO® V Medium pressure	36./37./38.	003, 030	DN 65 - 100	PN 63 - 160	1.0619+N	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					46./48.	003, 030	DN 10 - 50	PN 63 - 160	1.0460	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					47.	030	DN 10 - 50	PN 100	1.0460	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					86./88.	003, 030	DN 10 - 50	PN 63 - 160	1.7335	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					87.	030	DN 10 - 50	PN 100	1.7335	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					86./87./88.	003, 030	DN 65 - 100	PN 63 - 160	1.7357	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					86./87./88.	030	DN 10 - 50	PN 63 - 160	1.5415	**B10**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
				CHECKO® D	55.	001	DN 15 - 250	PN 16 - 40	1.4408	**B10**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
			Strainer	Strainer	10./12.	050	DN 15 - 300	PN 6 - 16	EN-JL1040	**B11**	✓				✓						✓		✓	✓		✓	✓			✓	
					22./23.	050	DN 15 - 300	PN 16 - 25	EN-JS1049	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					34./35.	050, 080	DN 15 - 200	PN 25 - 40	1.0619+N	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					52./55.	059	DN 15 - 200	PN 16 - 40	1.4408	**B11**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
				Strainer Medium pressure	36./37./38.	050, 080	DN 65 - 100	PN 63 - 160	1.0619+N	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					46./48.	050, 080	DN 10 - 50	PN 63 - 160	1.0460	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					47.	080	DN 10 - 50	PN 100	1.0460	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					86./88.	050, 080	DN 10 - 50	PN 63 - 160	1.7335	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					87.	080	DN 10 - 50	PN 100	1.7335	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	
					86./87./88.	050, 080	DN 65 - 100	PN 63 - 160	1.7357	**B11**	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	

SAFETY

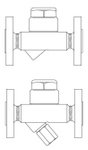
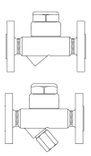
Safety Valves

Safety Valves

	Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register
SAFE (Full lift/standard) TÜV · SV · -663 · D/G/F	12.	901/902/911/912	DN 20 - 250	PN 16	EN-JL1040	C1
	25.		DN 20 - 250	PN 40	EN-JS1049	C1
	35.		DN 15 - 350	PN 40	1.0619+N	C1
	55.	901/911	DN 15 - 150	PN 40	1.4408	C1
SAFE-SN Semi Nozzle ASME Sec. VIII (Full lift/standard)	32./35.	901….90/902….90 /911….90/912….90	NPS 1“ - 6“	ANSI 150 - 300	SA216WCB	C1
SAFE-P (Standard) TÜV · SV · -811 · D/G/F	12.	921/922/923/924	DN 20 - 100	PN 16	EN-JL1040	C1
	25.		DN 125 - 150	PN 40	EN-JS1049	C1
	35.		DN 15 - 150	PN 40	1.0619+N	C1
	55.	921/923	DN 15 - 100	PN 40	1.4408	C1
SAFE-TC (Full lift/standard) TÜV · SV · -995 · D/G/F	25.	941/942/943	DN 15 - 25	PN 40	EN-JS1049	C1
	55.	941/943	DN 15 - 25	PN 40	1.4408	C1
SAFE-TCP SAFE-TCS (Standard) TÜV · SV · -1041 · D/G/F	67.	961/962/963, 951/952/953	DN 15 - 25	PN 100	1.4581/ EN-JS1049	C1
	57.	961/963	DN 15 - 25	PN 100	1.4581/ EN-JS1049	C1
ARI-REYCO R Series Full Nozzle ASME Sec. VIII	32./35./37./38./ 39./3c.	971/973/974	NPS 1“ - 8“	ANSI 150 - 2500	SA216WCC	C1
	32./35./37./38./ 39./3c.	971/973/974	NPS 1“ - 8“	ANSI 150 - 2500	SA217WC6	C1
	52./55./57./58./ 59./5c.	971/973	NPS 1“ - 8“	ANSI 150 - 2500	SA351CF8M	C1
ARI-REYCO RL Series Full Nozzle ASME Sec. VIII	32./35./37./38./ 39./3c.	966/968/969	NPS 1/2“ - 2“	ANSI 150 - 2500	SA216WCC	C1
	52./55./57./58./ 59./5c.	966/968	NPS 1/2“ - 2“	ANSI 150 - 2500	SA351CF8M	C1

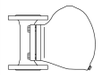
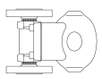
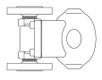
Selection of possible flow media																				Tests / Certifications		
Fluid group 1											Fluid group 2											
Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25° C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam		DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
✓				✓						✓		✓	✓		✓	✓			✓	·DIN EN ISO 4126-1 Safety devices for protection against excessive pressure Safety valves ·AD2000-A2 Safety appliances against excess pressure
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Safety valves ·AD2000-A4 Accessory housings ·TRD 421 (not for TCP/TCS) Safety appliances against excess pressure
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Safety valves for steam boilers group IV ·TRD 721 (not for TCP/TCS) Safety appliances against excess pressure Safety valves for steam boilers group II
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	·VdTÜV-leaflet safety valve 100 Rules for type-testing of safety appliances against excess pressure ·TA Luft Technical rules for clean air ·VdTÜV-leaflet 1000
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				·Type approved according to ASME Code Section VIII-Division 1. ·Type approved according to DIN EN ISO 4126-1 / TRD 421 / AD2000-A2
✓				✓						✓		✓	✓		✓				✓	·DIN EN ISO 4126-1 Safety devices for protection against excessive pressure
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Safety valves ·AD2000-A2
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Safety appliances against excess pressure Safety valves
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	·AD2000-A4 Accessory housings
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	·TRD 421 (not for TCP/TCS) Safety appliances against excess pressure
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	Safety valves for steam boilers group IV ·TRD 721 (not for TCP/TCS) Safety appliances against excess pressure
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓			✓	Safety valves for steam boilers group II ·VdTÜV-leaflet safety valve 100 Rules for type-testing of safety appliances against excess pressure
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	·TA Luft Technical rules for clean air ·VdTÜV-leaflet 1000
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				·ASME Code Section VIII-Division 1. ·UV-stamp NB-stamp
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				·32./35./37./ -- API 526
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓				·ASME Code Section VIII-Division 1. ·UV-stamp NB-stamp
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				

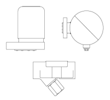
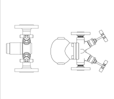
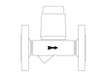
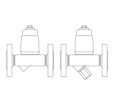
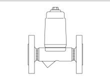
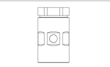
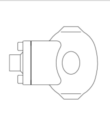
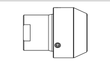
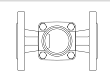
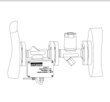
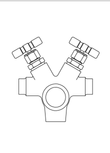
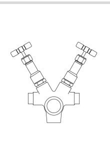
STEAM TRAPPING

				Figure No.	Nominal diameter	Nominal pressure	Body- Material	Catalogue Register
STEAM TRAPPING	Steam traps		**Bimetallic steam traps**	CONA®B	12.	600	DN 25 - 50	PN 16	EN-JL1040	**D1**
					45.	600, 601	DN 15 - 50	PN 40	1.0460	**D1**
					55.		DN 15 - 50	PN 40	Stainless steel	**D1**
					85.		DN 15 - 50	PN 40	High temp. steel	**D1**
				CONA®B High pressure	86.	600	DN 15 - 50	PN 63	High temp. steel	**D1**
					87.		DN 15 - 25	PN 100	High temp. steel	**D1**
					88.		DN 15 - 25	PN 160	High temp. steel	**D1**
					89.		DN 15 - 25	PN 250	High temp. steel	**D1**
					8a.		DN 15 / 25	PN 320	High temp. steel	**D1**
					8b.		DN 15 / 25	PN 400	High temp. steel	**D1**
					8c.		DN 15 / 25	PN 630	High temp. steel	**D1**
				CONA®B	42./45.	600, 601	NPS 1/2" - 2"	ANSI 150 - 300	SA105	D1
					52./55.		NPS 1/2" - 2"	ANSI 150 - 300	SA182 F321	D1
				CONA®B High pressure	47.	600	NPS 1/2" - 1"	ANSI 600	SA105	D1
					86.		NPS 1/2" - 1"	ANSI 400	SA182F12Cl.2	D1
					87.		NPS 1/2" - 1"	ANSI 600	SA182F12Cl.2	D1
					88.		NPS 1/2" - 1"	ANSI 900	SA182F12Cl.2	D1
					89.		NPS 1/2" - 1"	ANSI 1500	SA182F12Cl.3	D1
					8c.		NPS 1/2" - 1"	ANSI 2500	SA182F12Cl.3	D1
					8c.		NPS 1/2" - 1"	ANSI 2500	SA182F91	D1
			**Thermostatic steam traps**	CONA®M	12.	610	DN 15 - 25	PN 16	EN-JL1040	**D2**
					45.	610, 611, 612, 613	DN 15 - 25	PN 40	1.0460	**D2**
					55.		DN 15 - 25	PN 40	Stainless steel	**D2**
					85.		DN 15 - 25	PN 40	High temp. steel	**D2**
					45.	616	DN 25 - 50	PN 40	1.0460	**D2**
					52./55.	614, 615, 619	DN 15 - 25 NPS 1/4" - 1"	PN 16 / 40	Stainless steel	**D2**
					42./45.	610, 611, 612, 613	NPS 1/2" - 1"	ANSI 150 - 300	SA105	D2
					52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	D2
					42./45.	616	NPS 1" - 2"	ANSI 150 - 300	SA105	D2
			**Thermodynamic steam traps**	CONA®TD	45.	640, 641	DN 15 - 25	PN 40	1.0460	**D4**
					85./86.		DN 15 - 25	PN 40 - 63	High temp. steel	**D4**
					55./56.		DN 15 - 25 NPS 3/8" - 1"	PN 40	Stainless steel	**D4**
					42./45.		NPS 1/2" - 1"	ANSI 150 - 300	SA105	D4
					47.		NPS 1/2" - 1"	ANSI 600	SA105	D4
					52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	D4
					56.	641	NPS 3/8" - 3/4"	ANSI 400	A743CA40	D4
					56.		NPS 1"	ANSI 400	SA182 F6A	D4

Selection of possible flow media																				Tests / Certifications		
Fluid group 1											Fluid group 2											
Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25° C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam		DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
													✓			✓			✓	·DIN EN 12266 Technical conditions of delivery for valves
													✓			✓			✓	·AD2000 Technical rules
													✓			✓			✓	
													✓			✓			✓	
													✓			✓			✓	
													✓			✓			✓	
													✓			✓			✓	
													✓			✓			✓	
													✓			✓			✓	
													✓			✓				·ASME B16.34
																✓				·API 598
													✓			✓				
													✓			✓				
													✓			✓				
													✓			✓				
													✓			✓				
													✓			✓				
													✓			✓			✓	·DIN EN 12266 Technical conditions of delivery for valves
													✓			✓			✓	·AD2000 Technical rules
													✓			✓			✓	
													✓			✓			✓	
													✓			✓			✓	
													✓			✓			✓	
													✓			✓				·ASME B16.34
													✓			✓				·API 598
													✓			✓				
													✓			✓				
													✓			✓				
													✓			✓				
													✓			✓				

STEAM TRAPPING

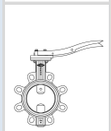
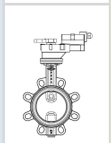
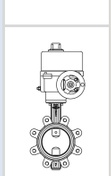
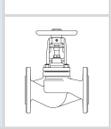
					Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register	Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25° C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam	DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
STEAM TRAPPING	Steam traps		Ball float steam traps		12.	631	DN 15 - 50	PN 16	EN-JL1040	D3														✓			✓		✓	·DIN EN 12266 Technical conditions of delivery for valves
					25.		DN 15 - 50	PN 40	EN-JS1049	D3														✓			✓		✓	·AD2000 Technical rules
					45.		DN 15 - 50(100)	PN 40	1.0460	D3														✓			✓		✓	
					55.		DN 15 - 50	PN 40	Stainless steel	D3														✓			✓		✓	
					86./87./88.	631, 632	DN 15 - 50	PN 63 - 160	High temp. steel	D3														✓			✓		✓	
					85.	637, 638	DN 50 - 100	PN 40	High temp. steel	D3														✓			✓		✓	
					45.	633	DN 40 - 100	PN 40	1.0460	D3														✓			✓		✓	
					42./45.	639	DN 50 - 100	PN 16 / 40	1.0460	D3														✓			✓		✓	
					55.		DN 50 - 100	PN 40	Stainless steel	D3														✓			✓		✓	
					12.	630	DN 15 - 50	PN 16	EN-JL1040	D3			✓	✓							✓			✓			✓		✓	
					25.		DN 15 - 50	PN 40	EN-JS1049	D3			✓	✓							✓			✓			✓		✓	
					45.		DN 15 - 100	PN 40	1.0460	D3			✓	✓							✓			✓			✓		✓	
					55.		DN 15 - 50	PN 40	Stainless steel	D3			✓	✓							✓			✓			✓		✓	
				CONA®S	11.	631	NPS 1/2" - 2"	ANSI 125	EN-JL1040 (cf. ASTM A 126 Cl.B)	D3														✓			✓			·ASME B16.34 ·API 598
					22.		NPS 1/2" - 2"	ANSI 150	EN-JS1049 (cf. A395)	D3														✓			✓			
					42./45.		NPS 1/2" - 4"	ANSI 150 - 300	SA105	D3														✓			✓			
					52./55.		NPS 1/2" - 4"	ANSI 150 - 300	SA182F321	D3														✓			✓			
					88.	631, 632	NPS 1/2" - 2"	ANSI 900	SA182F12Cl.2	D3														✓			✓			
					42./45.	633	NPS 1 1/2" - 4"	ANSI 150 - 300	SA105	D3														✓			✓			
					41./42./45.	639	NPS 2" - 4"	ANSI 125 - 300	SA105	D3														✓			✓			
					52./55.		NPS 2" - 4"	ANSI 125 - 300	SA182F321	D3														✓			✓			
					11.	630	NPS 1/2" - 2"	ANSI 125	EN-JL1040 (cf. ASTM A 126 Cl.B)	D3			✓	✓							✓			✓			✓			
					22.		NPS 1/2" - 2"	ANSI 150	EN-JS1049 (cf. A395)	D3			✓	✓							✓			✓			✓			
					42./45.		NPS 1/2" - 2"	ANSI 150 - 300	SA105	D3			✓	✓							✓			✓			✓			
					52./55.		NPS 1/2" - 2"	ANSI 150 - 300	SA182F321	D3			✓	✓							✓			✓			✓			
				CONLIFT®	82.	691	DN 25 - 80	PN 16	Body: P235GH, P250GH, P265GH Cover: P250GH	D3											✓		✓	✓			✓		✓	·DIN EN 12266 Technical conditions of delivery for valves ·AD2000 Technical rules
					42./44./45.	634	DN 15 - 25	PN 16 - 40	1.0460	D3														✓			✓		✓	·DIN EN 12266 Technical conditions of delivery for valves
					54./55.		DN 15 - 25	PN 25 - 40	Stainless steel	D3														✓			✓		✓	·AD2000 Technical rules
					42./44./45.	636	DN 15 - 25	PN 16 - 40	1.0460	D3											✓			✓			✓		✓	
					54./55.		DN 15 - 25	PN 25 - 40	Stainless steel	D3											✓			✓			✓		✓	
				CONA®SC	52	629	NPS 1/2"	PN 16	Stainless steel	D3			✓	✓							✓			✓			✓		✓	
					42./45.	634	NPS 1/2" - 1"	ANSI 150 - 300	SA105	D3														✓			✓			·ASME B16.34
					52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	D3														✓			✓			·API 598
					42./45.	636	NPS 1/2" - 1"	ANSI 150 - 300	SA105	D3											✓			✓			✓			
					52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	D3											✓			✓			✓			
				CONA®SC Plus	12.	635	DN 25	PN 16	EN-JL1040	D3														✓			✓		✓	·DIN EN 12266 Technical conditions of delivery for valves
					25		DN 25	PN 40	EN-JS1049	D3														✓			✓		✓	·AD2000 Technical rules
					45		DN 25	PN 40	1.0460	D3														✓			✓		✓	
					55.		DN 25	PN 40	Stainless steel	D3														✓			✓		✓	
					42./45.	635	NPS 1"	ANSI 150 - 300	SA105	D3														✓			✓			·ASME B16.34 / API 598

STEAM TRAPPING					Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register
STEAM TRAPPING	Steam traps		Steam traps with system connectors	CONA® Universal Connector	55.	604, 622, 628, 642, 643	NPS 3/8"	ANSI 300	Stainless steel	D5
					55.	681, 682, 683, 684	NPS 1/2" - 1"	ANSI 300	Stainless steel	D5
			Steam traps with stop function at inlet and outlet	CONA®All-in-one	45.	60A, 61A, 64A, 63A	DN 15 - 25	PN 40	1.0460	D5
					55		DN 15 - 25	PN 40	Stainless steel	D5
					42./45.	60A, 61A, 64A, 63A	NPS 1/2" - 1"	ANSI 150 - 300	SA105	D5
					52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	D5
	Components		CONA® Components	Liquid drainer	12.	665	DN 15 - 25	PN 16	EN-JL1040	D6
					45		DN 15 - 25	PN 40	1.0460	D6
					42./45.	665	NPS 1/2" - 1"	ANSI 150 - 300	SA105	D6
				Condensate discharge temperature limiter	45	645, 647	DN 15 - 25	PN 40	1.0460	D6
					42./45.	645, 647	NPS 1/2" - 1"	ANSI 150 - 300	SA105	D6
				Liquid return temperature limiter	45	650	DN 15 - 50	PN 40	1.0460	D6
					42./45.	650	NPS 1/2" - 2"	ANSI 150 - 300	SA105	D6
				Vacuum breaker	52./55.	655	DN 15	PN 16 / 40	Stainless steel	D6
				Automatic air vents for liquid systems	22.	656	DN 15	PN 16	EN-JS1049	D6
					34./35.		DN 15 - 25	PN 25 - 40	Cast steel	D6
					54./55.		DN 15 - 25	PN 25 - 40	Stainless steel	D6
					32./35.	656	NPS 1/2" - 1"	ANSI 150 - 300	SA216WCB	D6
					52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA351CF8	D6
				Steam injector	54	651	DN 15 / 25 / 40	PN 25	Stainless steel	D6
	Accessories		CONA® Accessories	Double window sight glasses	12	660	DN 15 - 100	PN 16	EN-JL1040	D7
					32./35.		DN 15 - 100	PN 16 / 40	Cast steel	D7
					52./55.		DN 15 - 100	PN 16 / 40	Stainless steel	D7
			Monitoring system for steam traps	CONA® -control	45	685	DN 15 - 50	PN 40	1.0460	D7
					55		DN 15 - 50	PN 40	Stainless steel	D7
					42./45.	685	NPS 1/2" - 1"	ANSI 150 - 300	SA105	D7
					52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	D7
			Condensate collection / steam distribution	CODI®S	45./46.	671, 672	DN 10 - 50	PN 40 - 63	1.0460	D8
					55.		DN 10 - 50	PN 40	1.0460	D8
					42./45.		DN 10 - 50	ANSI 150 - 300	SA105	D8
					52./55.		DN 10 - 50	ANSI 150 - 300	SA182F321	D8
				CODI®B	45./46.	675, 676	DN 10 - 50	PN 40 - 63	1.0460	D8
					55.		DN 10 - 50	PN 40	1.0460	D8
					42./45.		DN 10 - 50	ANSI 150 - 300	SA105	D8
					52./55.		DN 65 - 100	ANSI 150 - 300	SA182F321	D8

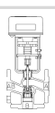
Product	Figure No.	Selection of possible flow media																	Tests / Certifications		
		Fluid group 1										Fluid group 2									
		Ammonia	Petrol	Biogas	Natural gas	Petroleum	Methane	Oxygen	Thermal oil	Diesel / Fuel oil EL1	Fuel oil S2	Air	Seawater < 25°C	neutral gases3	Water (low in oxygen)	Water, demineralized	Water-glycol	Steam	DVGW-Registration	Press. equip. directive 97/23/EG	Technical rules
CONA® Universal Connector	55.														✓			✓		✓	·ASME B16.34 ·API 598
CONA® Universal Connector	55.														✓			✓		✓	
CONA®All-in-one	45.														✓			✓		✓	
CONA®All-in-one	55														✓			✓		✓	
CONA®All-in-one	42./45.														✓			✓			
CONA®All-in-one	52./55.														✓			✓			
Liquid drainer	12.														✓			✓		✓	
Liquid drainer	45														✓			✓		✓	
Liquid drainer	42./45.														✓			✓			
Condensate discharge temperature limiter	45														✓			✓		✓	
Condensate discharge temperature limiter	42./45.														✓			✓			
Liquid return temperature limiter	45								✓						✓		✓			✓	
Liquid return temperature limiter	42./45.								✓						✓		✓				
Vacuum breaker	52./55.											✓			✓			✓		✓	
Automatic air vents for liquid systems	22.								✓			✓			✓			✓		✓	
Automatic air vents for liquid systems	34./35.								✓			✓			✓			✓		✓	
Automatic air vents for liquid systems	54./55.								✓			✓			✓			✓		✓	
Automatic air vents for liquid systems	32./35.								✓			✓			✓			✓			
Automatic air vents for liquid systems	52./55.								✓			✓			✓			✓			
Steam injector	54														✓			✓		✓	
Double window sight glasses	12														✓			✓		✓	
Double window sight glasses	32./35.														✓			✓		✓	
Double window sight glasses	52./55.														✓			✓		✓	
CONA® -control	45														✓			✓		✓	
CONA® -control	55														✓			✓		✓	
CONA® -control	42./45.														✓			✓			
CONA® -control	52./55.														✓			✓			
CODI®S	45./46.														✓			✓		✓	·DIN EN 12266 Technical conditions of delivery for valves ·AD2000 Technical rules ·TA Luft (CODI B) Technical rules for clean air
CODI®S	55.														✓			✓		✓	
CODI®S	42./45.														✓			✓			
CODI®S	52./55.														✓			✓			
CODI®B	45./46.														✓			✓		✓	·DIN EN 12266 Technical conditions of delivery for valves ·AD2000 Technical rules ·TA Luft (CODI B) Technical rules for clean air
CODI®B	55.														✓			✓		✓	
CODI®B	42./45.														✓			✓			
CODI®B	52./55.														✓			✓			

For more details, please visit www.itiflow.com
Our engineer is responsible for the selection of the right valve.

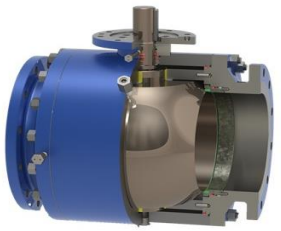
BUILDING TECHNOLOGY (HVAC)

				Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register	Selection of possible flow media (others on request)							Selection of pos. applications(others on)					Tests / Certifications	
										Hot water up to 120°C	Process water	Water-glycol	Drinking water	Swimming pool water	Compressed air	Low pressure steam	Heating installations	Cold water installations	Swimming pool	Compressed air system	Press. Equip. directive 97/23/EC	Technical rules
BUILDING TECHNOLOGY(HVAC)	Building technology		Building technology	EURO-WEDI®	10./12	070, 071, 072, 073	DN 15 - 200	PN 6 / 16	EN-JL1040	B3	✓	✓	✓					✓	✓				✓	·DIN EN 1074-1/-2 / DIN EN 13774
					12.	076, 078	DN 15 - 50 NPS 1/2" - 2"	PN 6 / 16	EN-JL1040	B3	✓	✓	✓					✓	✓				✓	Stop valves for gas and water PN 4 up to PN16 ·DIN EN 14141 Stop valves for gas above PN16
				ASTRA®	12.	020	DN 15 - 200	PN 16	EN-JL1040	B9	✓	✓	✓					✓	✓				✓	·DIN 3230 T5/T6 / DIN EN 12266 Technical conditions of delivery for valves
					12.	042	DN 250 - 500	PN 16	EN-JL1040	B9	✓	✓	✓					✓	✓				✓	·AD2000-A4 Accessory housings
				ASTRA-Plus®	22.	042	DN 15 - 500	PN 16	EN-JS1049	B9	✓	✓	✓			✓		✓	✓		✓		✓	·DIN EN 15848-1
				ZESA®	20./21./22.	012	DN 25 - 500	PN 6 / 10 / 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓ (only NBR)		✓	✓	✓	✓ (only NBR)		✓	
				GESA®	21./22.	013	DN 25 - 500	PN 10 / 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓ (only NBR)		✓	✓	✓	✓ (only NBR)		✓	
				ZESA®EA	20./21./22.	012	DN 25 - 200	PN 6 / 10 / 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓ (only NBR)		✓	✓	✓	✓ (only NBR)		✓	
				GESA®EA	21./22.	013	DN 25 - 200	PN 10 / 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓ (only NBR)		✓	✓	✓	✓ (only NBR)		✓	
				ZESA®E	20./21./22.	012	DN 25 - 500	PN 6 / 10 / 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓ (only NBR)		✓	✓	✓	✓ (only NBR)		✓	
				GESA®E	21./22.	013	DN 25 - 500	PN 10 / 16	EN-JS1030	B6	✓	✓	✓	✓	✓	✓ (only NBR)		✓	✓	✓	✓ (only NBR)		✓	
				FABA®Plus	12.	046	DN 15 - 300	PN 16	EN-JL1040	B1	✓	✓	✓					✓	✓		✓		✓	
					22./23.	046	DN 15 - 350	PN 16 / 25	EN-JS1049	B1	✓	✓	✓				✓	✓	✓		✓		✓	

BUILDING TECHNOLOGY (HVAC)

				Figure No.		Nominal diameter	Nominal pressure	Body- Material	Catalogue Register	Selection of possible flow media (others on request)							Selection of pos. applications(others on)					Tests / Certifications	
										Hot water up to 120°C	Process water	Water-glycol	Drinking water	Swimming pool water	Compressed air	Low pressure steam	Heating installations	Cold water installations	Swimming pool	Compressed air system	Press. Equip. directive 97/23/EC	Technical rules
BUILDING TECHNOLOGY(HVAC)	Building technology		Building technology	CHECKO®V	10./12.	003	DN 15 - 300	PN 6 /16	EN-JL1040	B10	✓	✓	✓			✓		✓	✓				✓	·DIN EN 12828 Heating systems in buildings - Design for water-based heating systems ·DIN EN ISO 4126-1 Safety devices for protection against excessive pressure - Safety valves ·AD2000-A2 Safety appliances against excess pressure - Safety valves ·AD2000-A4 Accessory housings ·TRD 421 Safety appliances against excess pressure - safety valves for steam boilers group IV ·TRD 721 Safety appliances against excess pressure - safety valves for steam boilers group II ·VdTÜV-leaflet safety valve 100 Rules for type-testing of safety appliances against excess pressure ·TA - Luft Technical rules for clean air ·VdTÜV-leaflet 1000 List of type-test valves
					22./23.	003	DN 15 - 350	PN 16 / 25	EN-JS1049	B10	✓	✓	✓			✓		✓	✓				✓	
				Strainer	10./12.	050	DN 15 - 300	PN 6 /16	EN-JL1040	B11	✓	✓	✓			✓		✓	✓				✓	
					22./23.	050	DN 15 - 300	PN 16 / 25	EN-JS1049	B11	✓	✓	✓			✓		✓	✓				✓	
				SAFE Safety valve for heating TÜV · SV · -688 · D/G/H	12.	903	DN 20 - 150	PN 16	EN-JL1040	C1	✓	✓	✓					✓					✓	
				SAFE Low pressure steam-safety valve TÜV · SV · -688 · D	12.	904	DN 20 - 150	PN 16	EN-JL1040	C1	✓	✓	✓				✓	✓					✓	
				SAFE-TC Safety valve for heating	25.	945	DN 15 - 25 NPS 1/2" - 1"	PN 40	EN-JS1049	C1	✓	✓	✓					✓	✓				✓	
				SAFE-TC Low pressure steam-safety valve	25.	946	DN 15 - 25 NPS 1/2" - 1"	PN 40	EN-JS1049	C1	✓	✓	✓				✓	✓					✓	
				SAFE (Full lift/standard) TÜV · SV · -663 · D/G/F	12.	901	DN 15 - 250	PN 16	EN-JL1040	C1	✓	✓	✓					✓	✓	✓	✓		✓	
				SAFE-P (Standard) TÜV · SV · -811 · D/G/F	12.	921	DN 15 - 100	PN 16	EN-JL1040	C1	✓	✓	✓					✓	✓	✓	✓		✓	
				SAFE-TCP, SAFE-TCS (Standard) TÜV · SV · -1041 · D/G/F	67.	961, 951	DN 15 - 25	PN 100	1.4581 / EN-JS1049	C1		✓	✓						✓				✓	
				STEVI®-H	10./12./72.	485, 486, 487, 488	DN 15 - 50 NPS 1/2" - 2"	PN 6 / 16	EN-JL1040 CC499K	A3	✓	✓	✓					✓	✓				✓	

BALL VALVE		Standard		Size					ASME Rating Class							Temperature				Material			End Connection						Special Feature					
		pressure & temperature	thicknes & structure	1/2~2"	2~4"	6~12"	12~24"	≧ 26"	150	300	600	800	900	1500	2500	-196~-46	-46~29	-29~425	> 425	Carbon Steel	Stainless Steel	Nickel Alloy	Socket Weld	Screw	Flange	Butt-Welding	Wafer Type	Lug Type	High Temperature	Cryogenic	Bellow Seal	Electric&Pneumatic	Anti-Fire Design	Anti-Static Design
BALL VALVE	1 PC Floating Ball Valve	ASME B16.34	ISO17292	■	■	■			■	■							■	■	■	■	■	■			■	■						■	■	■
	2 PC Floating Ball Valve		ISO17292	■	■	■			■	■						■	■	■	■	■	■	■			■	■				■		■	■	■
	3 PC Floating Ball Valve		ISO17292	■	■				■	■	■	■	■	■	■		■	■		■	■	■			■	■						■	■	■
	Metal Seated floating Ball Valve		ISO17292	■	■	■			■	■								■	■	■	■	■	■			■	■			■	■		■	■	■
	2 PC Trunnion Mounted Ball Valve		API 6D		■	■	■		■	■	■		■	■	■		■	■		■	■	■			■	■						■	■	■
	3 PC Trunnion Mounted Ball Valve		API 6D		■	■	■	■	■	■	■		■	■	■		■	■		■	■	■			■	■				■		■	■	■
	Top Entry Trunnion Mounted Ball Valve		API 6D		■	■	■		■	■	■		■	■	■		■	■		■	■	■			■	■						■	■	■
	Full welded Trunnion Mounted Ball Valve		API 6D		■	■	■	■	■	■	■		■	■	■		■	■		■	■	■			■	■						■	■	■
	Metal Seated Trunnion Mounted Ball Valve		API 6D		■	■	■		■	■	■		■	■	■				■	■	■	■			■	■			■			■	■	■

Forged Steel Ball Valve	Cast Steel Ball Valve	Floating Ball Valve	Trunnion Mounted Ball Valve
			
Product Feature	Product Feature	Product Feature	Product Feature
Size：1/2"~12"	Size：2"~36"	Size：1/2"~12"	Size：2"~56"
Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB
End Connection：RF,RTJ,BW,SW	End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW,SW	End Connection：RF,RTJ,BW
Standard：ASME B16.34/ISO 17292/API 608	Standard：ASME B16.34/API6D	Standard：ASME B16.34/ISO 17292/API 608	Standard：ASME B16.34/API6D
Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy
Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic

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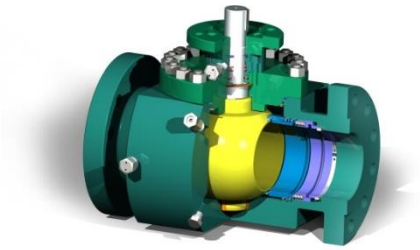
BALL VALVE		Standard		Size					ASME Rating Class							Temperature				Material			End Connection						Special Feature					
		pressure & temperature	thicknes & structure	1/2~2"	2~4"	6~12"	12~24"	≧26"	150	300	600	800	900	1500	2500	-196~-46	-46~-29	-29~425	> 425	Carbon Steel	Stainless Steel	Nickel Alloy	Socket Weld	Screw	Flange	Butt-Welding	Wafer Type	Lug Type	High Temperature	Cryogenic	Bellow Seal	Electric&Pneumatic	Anti-Fire Design	Anti-Static Design
BALL VALVE	1 PC Floating Ball Valve	ASME B16.34	ISO17292	■	■	■			■	■							■	■		■	■	■			■	■						■	■	■
	2 PC Floating Ball Valve		ISO17292	■	■	■			■	■						■	■	■		■	■	■			■	■				■		■	■	■
	3 PC Floating Ball Valve		ISO17292	■	■				■	■	■	■	■	■	■		■	■		■	■	■			■	■						■	■	■
	Metal Seated floating Ball Valve		ISO17292	■	■	■			■	■								■	■	■	■	■			■	■			■	■		■	■	■
	2 PC Trunnion Mounted Ball Valve		API 6D		■	■	■		■	■	■		■	■	■		■	■		■	■	■			■	■						■	■	■
	3 PC Trunnion Mounted Ball Valve		API 6D		■	■	■	■	■	■	■		■	■	■		■	■		■	■	■			■	■				■		■	■	■
	Top Entry Trunnion Mounted Ball Valve		API 6D		■	■	■		■	■	■		■	■	■		■	■		■	■	■			■	■						■	■	■
	Full welded Trunnion Mounted Ball Valve		API 6D		■	■	■	■	■	■	■		■	■	■		■	■		■	■	■			■	■						■	■	■
	Metal Seated Trunnion Mounted Ball Valve		API 6D		■	■	■		■	■	■		■	■	■				■	■	■	■			■	■			■			■	■	■

Top Entry Ball Valve	Metal-to-metal Ball Valve	Full welded Trunnion Mounted Ball Valve	Cryogenic Ball Valve
			
Product Feature	Product Feature	Product Feature	Product Feature
Size：2"~36"	Size：2"~24"	Size：2"~56"	Size：1/2"~12"
Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~600LB
End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW	End Connection：RF,RTJ
Standard：ASME B16.34/API6D	Standard：ASME B16.34/API6D	Standard：ASME B16.34/API6D	Standard：BS 6364/Shell MESC SPE77/200
Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：Stainless Steel
Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic

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GATE VALVE		Standard		Size					ASME Rating Class							Temperature				Material			End Connection						Special Feature					
		pressure & temperature	thicknes & structure	1/2~2"	2~4"	6~12"	12~24"	≥26"	150	300	600	800	900	1500	2500	-196~-46	-46~-29	-29~425	>425	Carbon Steel	Stainless Steel	Nickel Alloy	Socket Weld	Screw	Flange	Butt-Welding	Wafer Type	Lug Type	High Temperature	Cryogenic	Bellow Seal	Electric&Pneumatic	Anti-Fire Design	Anti-Static Design
GATE VALVE	Conventional Gate Valve	ASME B16.34	API 600		■	■	■	■	■	■	■		■	■	■		■	■	■	■	■	■			■	■			■		■	■		
	Stainless Steel Gate Valve		API 603	■	■	■	■		■	■	■					■	■	■							■	■				■	■	■		
	Forged Steel Gate Valve		API 602	■					■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■				■	■	■	■		
	NRS Gate Valve		API 600	■	■	■			■	■							■	■	■	■					■									
	Pressure Seal Gate Valve		ASME B16.34		■	■	■				■		■	■	■		■	■	■	■	■				■	■			■			■		
	Through Conduit Gate Valve		API 6D		■	■	■	■	■	■	■		■	■	■		■	■		■					■	■						■	■	■

Cast Steel Gate valve	Forged Steel Gate valve	API6D Gate Valve	Pressure Seal Gate Valve
			
Product Feature	Product Feature	Product Feature	Product Feature
Size：2"~48"	Size：1/2"~2"	Size：2"~48"	Size：2"~48"
Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB
End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW,SW	End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW
Standard：ASME B16.34/API600	Standard：ASME B16.34/API 602	Standard：ASME B16.34/API 6D	Standard：ASME B16.34/API 6D
Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy
Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic

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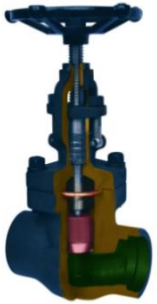
GLOBE VALVE		Standard		Size					ASME Rating Class							Temperature				Material			End Connection						Special Feature					
		pressure & temperature	thicknes & structure	1/2~2"	2~4"	6~12"	12~24"	≥26"	150	300	600	800	900	1500	2500	-196~-46	-46~-29	-29~425	>425	Carbon Steel	Stainless Steel	Nickel Alloy	Socket Weld	Screw	Flange	Butt-Welding	Wafer Type	Lug Type	High Temperature	Cryogenic	Bellow Seal	Electric&Pneumatic	Anti-Fire Design	Anti-Static Design
GLOBE VALVE	Conventional Globe Valve	ASME B16.34	BS 1873		■	■	■		■	■	■		■	■	■		■	■	■	■	■	■			■	■					■			
	Stainless Steel Globe Valve		API 603	■	■	■	■		■	■	■					■	■	■			■	■			■					■	■			
	Forged Steel Globe Valve		API 602	■		■			■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■			■	■	■	■		
	Pressure Seal Globe Valve		ASME B16.34		■	■					■		■	■	■		■	■	■	■	■	■			■	■			■			■		
	3Way two Direction Globe Valve		BS 1873		■	■			■	■	■						■	■		■	■	■			■									
	Y Type Globe Valve		BS 1873	■	■	■			■	■	■						■	■	■	■	■	■			■	■						■		
	Quickly Close Globe Valve		BS 1873	■	■	■			■	■								■	■	■	■				■									

Cast Steel Globe Valve	Forged Steel Globe Valve	Bellows Globe Valve	Pressure Seal Globe Valve
			
Product Feature	Product Feature	Product Feature	Product Feature
Size：2"~24"	Size：1/2"~2"	Size：1/2"~24"	Size：2"~24"
Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB
End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW,SW	End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW,SW
Standard：ASME B16.34/BS 1873	Standard：ASME B16.34/API 602	Standard：ASME B16.34/BS 1873	Standard：ASME B16.34/BS 1873
Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy
Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic

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CHECK VALVE		Standard		Size					ASME Rating Class							Temperature				Material			End Connection						Special Feature					
		pressure & temperature	thicknes & structure	1/2~2"	2~4"	6~12"	12~24"	≥26"	150	300	600	800	900	1500	2500	-196~-46	-46~-29	-29~425	>425	Carbon Steel	Stainless Steel	Nickel Alloy	Socket Weld	Screw	Flange	Butt-Welding	Wafer Type	Lug Type	High Temperature	Cryogenic	Bellow Seal	Electric&Pneumatic	Anti-Fire Design	Anti-Static Design
CHECK VALVE	Conventional Check Valve	ASME B16.34	BS 1868		■	■	■	■	■	■	■		■	■	■		■	■	■	■	■	■			■	■							
	Stainless Steel Check Valve		API 603	■	■	■	■		■	■	■					■	■	■			■				■					■				
	Forged Steel Piston Check		API 603	■		■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■				
	Forged Steel Swing Check		API 602	■		■			■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■			■					
	Pressure Seal Check Valve		ASME B16.34		■	■	■				■		■	■	■		■	■	■	■	■	■			■	■			■					
	Full Opening Check Valve		API 6D		■	■	■	■	■	■	■		■	■	■		■	■		■					■	■								
	Axial Flow Check Valve		ASME B16.34		■	■	■	■	■	■	■		■	■	■		■	■		■	■	■			■	■								
	Dual-plate Wafer-type Check		API 594	■	■	■	■		■	■	■						■	■		■	■						■							
	Globe Check Valve		BS 1873		■	■			■	■	■						■	■		■	■	■	■	■	■	■								

Cast Steel Check Valve	Forged Steel Piston Check	Forged Steel Swing Check	Pressure Seal Check Valve
			
Product Feature	Product Feature	Product Feature	Product Feature
Size：2"~36"	Size：1/2"~2"	Size：1/2"~2"	Size：2"~36"
Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB	Class：150LB~2500LB
End Connection：RF,RTJ,BW	End Connection：RF,RTJ,BW,SW	End Connection：RF,RTJ,BW,SW	End Connection：RF,RTJ,BW
Standard：ASME B16.34/BS 1868	Standard：ASME B16.34/API 602	Standard：ASME B16.34/API 602	Standard：ASME B16.34/BS 1868
Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy
Operator：N/A	Operator：N/A	Operator：N/A	Operator：N/A

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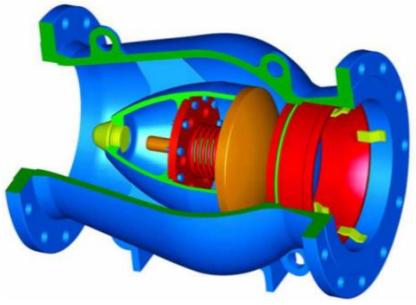
CHECK VALVE		Standard		Size					ASME Rating Class							Temperature				Material			End Connection						Special Feature					
		pressure & temperature	thicknes & structure	1/2~2"	2~4"	6~12"	12~24"	≥26"	150	300	600	800	900	1500	2500	-196~-46	-46~-29	-29~425	>425	Carbon Steel	Stainless Steel	Nickel Alloy	Socket Weld	Screw	Flange	Butt-Welding	Wafer Type	Lug Type	High Temperature	Cryogenic	Bellow Seal	Electric&Pneumatic	Anti-Fire Design	Anti-Static Design
CHECK VALVE	Conventional Check Valve	ASME B16.34	BS 1868		■	■	■	■	■	■	■		■	■	■		■	■	■	■	■	■			■	■								
	Stainless Steel Check Valve		API 603	■	■	■	■		■	■	■					■	■	■			■				■					■				
	Forged Steel Piston Check		API 603	■		■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■				
	Forged Steel Swing Check		API 602	■		■			■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■			■					
	Pressure Seal Check Valve		ASME B16.34		■	■	■				■		■	■	■		■	■	■	■	■	■			■	■			■					
	Full Opening Check Valve		API 6D		■	■	■	■	■	■	■		■	■	■		■	■		■					■	■								
	Axial Flow Check Valve		ASME B16.34		■	■	■	■	■	■	■		■	■	■		■	■		■	■	■			■	■								
	Dual-plate Wafer-type Check		API 594	■	■	■	■		■	■	■						■	■		■	■						■							
	Globe Check Valve		BS 1873		■	■			■	■	■						■	■		■	■	■	■	■	■	■								

Dual-plate Wafer-type Check Valve	Axial Flow Check Valve		
			
Product Feature	Product Feature		
Size：2"~24"	Size：2"~24"		
Class：150LB~2500LB	Class：150LB~2500LB		
End Connection：WF	End Connection：RF,RTJ,BW		
Standard：ASME B16.34/API 594	Standard：ASME B16.34/BS 1868		
Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy		
Operator： N/A	Operator： N/A		

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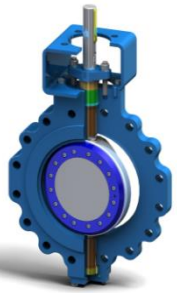
BUTTERFLY VALVE		Standard		Size					ASME Rating Class						Temperature				Material			End Connection						Special Feature					
		pressure & temperature	thicknes & structure	1/2~2"	2~4"	6~12"	12~24"	≥26"	150	300	600	800	900	1500	2500	-196~-46	-46~-29	-29~425	>425	Carbon Steel	Stainless Steel	Nickel Alloy	Socket Weld	Screw	Flange	Butt-Welding	Wafer Type	Lug Type	High Temperature	Cryogenic	Bellow Seal	Electric&Pneumatic	Anti-Fire Design	Anti-Static Design
BUTTERFLY VALVE	Concentric Butterfly Valve	ASME B16.34	API 609		■	■	■	■	■									■		■	■				■		■	■				■		
	Double Off-Set Butterfly V		API 609		■	■	■	■	■									■		■	■				■		■	■				■		
	Triple Off-Set Butterfly V		API 609		■	■	■	■	■	■	■							■	■	■	■				■		■	■				■	■	

Concentric Butterfly Valve	Double Off-Set Butterfly Valve	Triple Off-Set Butterfly Valve	
			
Product Feature	Product Feature	Product Feature	
Size：2"~80"	Size：2"~80"	Size：2"~48"	
Class：150LB~300LB	Class：150LB~600LB	Class：150LB~900LB	
End Connection：RF,WF,LUG	End Connection：RF,WF,LUG	End Connection：RF,WF,LUG	
Standard：ASME B16.34/API 609	Standard：ASME B16.34/API 609	Standard：ASME B16.34/API 609	
Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	Material：CS, SS, Nickel Alloy	
Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	Operator：Lever, Gear, Electric, Pneumatic	