



	CLIENT	ILVA		JOB PH293PM01	
	PLANT	WWTP COKE AFO 1/2, 4, 5		DOC. No. PH293PM01	
	SITE	TARANTO		SHEET	OF
				1	51

Allegato 4
Piping System Material

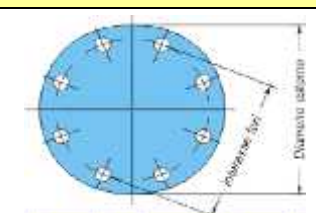
PH293PM01

A	PER OFFERTA	FDG		GAL	20/02/2015
Issue	Description	Compil.	Checked	Approv.	Date



TO USE FOR THESE FLUIDS		DIAMETERS AND THICKNESS														
			DN	INCH	OUT. D.	THK	INT. D.	kg/m		DN	INCH	OUT. D.	THK	INT. D.	kg/m	
	Cooling circuits water	SEAMLESS							WELDED							
	Raw water															
	Industrial water															
	Waste Water															
	Blowed air for filters															
	Sludges															
TEMPERATURE	MAX °C															
PRESSURE	MIN °C															
RATING																
PROCESS																
PRESSURE	MIN° bar 2															
RATING	MAX° bar 6															
PAINTING		NOTES														
INSTALLATION by means of welding																
CONSTRUCTION Seamless <= DN150																
Welded >= DN200																
MATERIAL								DIMENSION								
until to DN150 Seamless UNI Fe360 UNI 6363-84 Series B (ISO 559)								until to DN150 Seamless UNI6363-84 SERIE B / EN 10216-1 (ISO 559)								
DN150 ><DN 200 Seamless St 37.0 DIN 1629								DIN 2448-1629 / ISO4200								
DN200 ><DN 250 Welded UNI Fe410 UNI6363-84 Series B (ISO 559)								from DN200 Welded UNI6363-84 SERIE B / EN 10216-1 (ISO 559)								
> DN250 Welded St 44.0 DIN 1626								DIN 2458-1626								

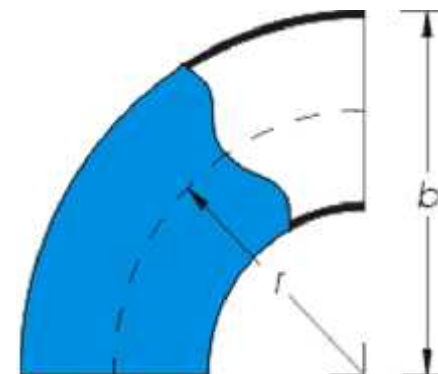
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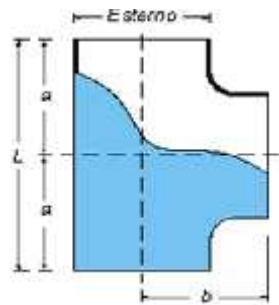
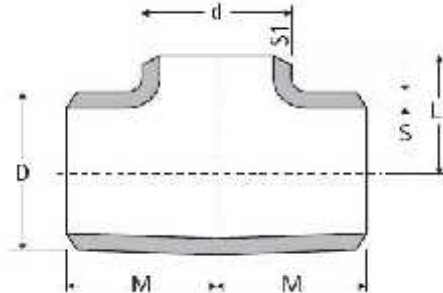
TO USE FOR THESE FLUIDS	Cooling circuits water	DN	Ø Est.	HOLES			Thk	Weight	DN	a	b	c	d	e	f	h	r	HOLES			Weight	DN	Ø est	Thk	HOLES			Weight	
	Raw water			Axe	Nr	Ø												axe	Ø	NR					axe	Ø	NR		kg
	Industrial water	mm	mm	mm		mm	mm	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
	Waste Water	15							15	95	14	32	21,3	2	6	35	4	65	14	4	0,75	15	95	14	65	14	4	0,7	
	Blowed air for filters	20							20	105	16	40	26,9	2,3	6	38	4	75	14	4	1	20	105	16	75	14	4	1	
	Sludges	25	115	85	4	14	14	1	25	115	16	46	33,7	2,6	6	38	4	85	14	4	1,22	25	115	16	85	14	4	1,22	
		32	140	100	4	18	16	1,6	32	140	16	56	42,4	2,6	6	40	6	100	18	4	1,8	32	140	16	100	18	4	1,8	
		40	150	110	4	18	16	1,85	40	150	16	64	48,3	2,6	7	42	6	110	18	4	2	40	150	16	110	18	4	2,1	
		50	165	125	4	18	18	2,5	50	165	18	74	60,3	2,9	8	45	5	125	18	4	2,8	50	165	18	125	18	4	2,9	
TEMPERATURE	MAX °C	65	185	145	4	18	18	3	65	185	18	92	76,1	2,9	10	45	6	145	18	4	3,4	65	185	18	145	18	4	3,65	
PRESSURE	MIN °C	80	200	160	4	18	20	3,6	80	200	20	105	88,9	3,2	10	50	6	160	18	8	4,2	80	200	20	160	18	8	04:06	
RATING		100	220	180	8	18	22	4,5	100	220	20	131	114,3	3,6	12	52	8	180	18	8	4,75	100	220	20	180	18	8	5,65	
PROCESS		125	250	210	8	18	24	5,5	125	250	22	156	139,7	4	12	55	8	210	18	8	6,5	125	250	22	210	18	8	8,12	
PRESSURE	MIN° bar	150	285	240	8	22	24	7	150	285	22	184	168,3	4,5	12	55	10	240	22	8	8	150	285	22	240	22	8	10,5	
RATING	MAX° bar	200	340	295	8	22	26	10,1	200	340	24	234	219,1	6,3	16	62	10	295	22	8	11,5	200	340	24	295	22	8	16,5	
		250	395	350	12	22	28	12,9	250	395	26	292	273	6,3	16	68	12	350	22	12	15,5	250	395	26	350	22	12	24	
INSTALLATION	by means of welding	300	445	400	12	22	28	14,8	300	445	26	342	323,9	7,1	16	68	12	400	22	12	18	300	445	26	400	22	12	31	
		350	505	460	16	22	30	22	350	505	26	385	335,6	7,1	16	68	12	460	22	16	22,5	350	505	26	460	22	16	39,5	
GASKETS	NEOPRENE thk 3 mm	400	565	515	16	25	32	28	400	565	26	440	406,4	7,1	16	72	12	515	25	16	27,8	400	565	26	515	25	16	49,5	
	EPDM thk 3 mm	450	615	565	20	25	32	33,3	450	615	26	488	457	7,1	16	72	12	565	25	20	32,3	450	615	26	565	25	20	58,6	
		500	670	620	20	25	34	40	500	670	28	542	508	7,1	16	75	12	620	25	20	40,4	500	670	28	620	25	20	75,5	
		600	780	725	20	30	36	53	600	780	28	642	610	7,1	18	80	12	725	30	20	50	600	780	28	725	30	20	102	
		700	895	840	24	30	38	65	700	895	30	746	711	8	18	80	12	840	30	24	66,4	700							
		800	1015	950	24	33	40	88	800	1.015	32	850	813	8	18	90	12	950	33	24	89,3	800							
		900							900	1.115	34	950	914	10	20	95	12	1.050	33	28	104	900							
		1000							1.000	1.230	34	1.052	1.016	10	20	95	16	1.160	36	28	121	1.000							
MATERIAL				DIMENSION				BOLTS																					
Flat face	ASTM A105	Flat face				UNI EN 1092-1 - DIN 2576 PN10				Bolts or threaded rods in Galvanized carbon steel																			
Welding Neck	ASTM A105	Welding Neck				UNI EN 1092-1 - DIN 2632				Washer are not used																			
Blind	ASTM A105	Blind				UNI EN 1092-1 - DIN 2527				UNI 5727 - UNI 3740 DIN601 (ISO 272 and ISO 273)																			
												For bolts and threaded dimension see Valves specifications																	

PCS10 - CARBON STEEL ELBOW PN10

TO USE FOR THESE FLUIDS	Cooling circuits water	DIMENSIONS					
	Raw water	DN	Ø Est. mm	Thk mm	r mm	b mm	Weight kg
	Industrial water						
	Waste Water	20	26.9	2.0	29	43	0.06
	Blowed air for filters	25	33.7	2.3	38	56	0.12
	Sludges	32	42.4	2.6	48	69	0.19
		40	48.3	2.6	57	82	0.26
TEMPERATURE	MAX °C	50	60.3	2.9	76	106	0.49
PRESSURE	MIN °C	65	76.1	2.9	95	133	0.78
RATING		80	88.9	3.2	114	159	1.22
PROCESS		100	114.3	3.6	152	210	2.36
PRESSURE	MIN° bar 2	125	139.7	4.0	190	260	4.00
RATING	MAX° bar 6	150	168.3	4.5	229	313	6.50
		200	219.1	5.5	305	414	15.80
NOTES		250	273.0	6.3	381	518	24.80
		300	323.9	7.1	457	619	39.80
ELBOWS > DN500	Standard fitting are not foreseen	350	355.6	8.0	533	711	57.50
These elbows will be fabricated on site by pipe		400	406.4	8.8	610	813	82.60
		450	457,2	10	686	914	119
		500	508	11	762	1016	161
CONSTRUCTION	Seamless <= DN150 Welded >= DN200	INSTALLATION by means of welding					
MATERIAL		DIMENSION					
until to DN150	Seamless ST 37 S DIN 1629/84	CURVED AT 90° r= 1,5 DN					
from DN200	Welded ST 37 DIN 1626/84	DIN 2605-2609, certified EN 10204.					
		Enervation load 245-360 N/mm², breaking load 360-470 N/mm²					

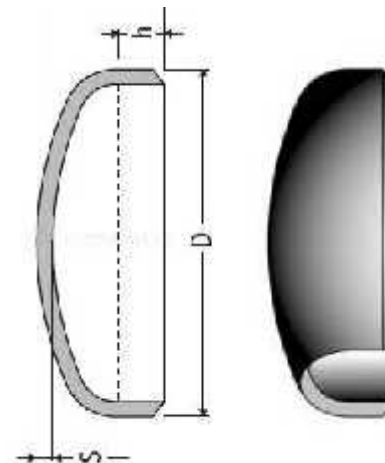


PCS10 - CARBON STEEL TEES PN10

TO USE FOR THESE FLUIDS			Cooling circuits water		STANDARD TEES DIMENSIONS																											
			Raw water		DN	Ø Est.	Thk	a	b	L	Weight																					
			Industrial water		mm	mm	mm	mm	mm	mm	kg																					
			Waste Water		20	26.9	2.3	29	29	58	0.2																					
			Blowed air for filters		25	33.7	2.6	38	38	76	0.3																					
			Sludges		32	42.4	2.6	48	48	96	0.5																					
TEMPERATURE			MAX °C		40	48.3	2.6	57	57	114	0.7																					
			MIN °C		50	60.3	2.9	64	64	128	1.1																					
			65	76.1	2.9	76	76	152	1.5																							
PRESSURE RATING			80	88.9	3.2	86	86	172	2.2																							
PROCESS			100	114.3	3.6	105	105	210	4.3																							
PRESSURE RATING			125	139.7	4.0	124	124	148	6.2																							
			150	168.3	4.5	143	143	286	9.0																							
REDUCED TEES DIMENSIONS																																
NOTES			D	d	M	L	Dxd	S	S1	Weight	D	d	M	L	Dxd	S	S1	Weight														
			mm	mm	mm	mm	mm	mm	mm	kg	mm	mm	mm	mm	mm	mm	mm	kg														
TEES > DN150			Standard fitting are not foreseen														26.9	21.3	28.5	28.5	3/4"x1/2"	2.3	2.0	0.12	76.1	33.7		54.2	2"x1/2x1"	2.9	2.9	1.20
These derivation will be directly done on site PIPE to PIPE			33.7	26.9	38.1	38.1	1"x3/4"	2.6	2.3	0.26	88.9	76.1	85.7	82.6	3"x2"1/2	3.2	3.2	1.80														
			33.7	21.3			1"x1/2"	2.6	2.0	0.26	88.9	60.3		76.2	3"x2"	3.2	3.2	1.80														
INSTALLATION			by means of welding		47.6	47.6	1"x1/4x1"	2.6	2.6	0.45	88.9	48.3		79.0	3"x1"1/2	3.2	3.2	1.80														
							1"x1/4x3/4"	2.6	2.3	0.45	88.9	42.4		69.9	3"x1"1/4	3.2	3.2	1.80														
MATERIAL			42.4	21.3	57.1	57.1	1"x1/4x1/2"	2.6	2.0	0.45	88.9	33.7	104.8	65.9	3"x1"	3.2	3.2	1.80														
until to DN150			48.3	42.4			1"x1/2x1"1/4	2.6	2.6	0.58	114.3	88.9		98.4	4"x3"	3.6	3.2	3.10														
			48.3	33.7			1"x1/2x1"	2.6	2.0	0.58	114.3	76.1		95.2	4"x2"1/2	3.6	2.9	3.10														
			48.3	26.9			1"x1/2x3/4"	2.6	2.3	0.58	114.3	60.3		88.9	4"x2"	3.6	2.9	3.10														
			48.3	21.3	1"x1/2x1/2"	2.6	2.0	0.58	114.3	48.3	85.7	4"x1"1/2	3.6	2.6	3.10																	
			60.3	48.3	63.5	60.3	2"x1"1/2	2.9	2.6	0.85	139.7	114.3	123.8	117.4	5"x4"	4.0	3.6	5.10														
DIMENSION			60.3	42.4			54.2	2"x1"1/4	2.9	2.6	0.85	139.7		88.9	111.1	5"x3"	4.0	3.2	5.10													
			60.3	33.7			50.8	2"x 1"	2.9	2.6	0.85	139.7		76.1	107.9	5"x2"1/2	4.0	2.9	5.10													
DIN 2605-2609, certified EN 10204.			60.3	26.9	76.2	69.9	2"x3/4"	2.9	2.9	0.85	139.7	60.3	142.8	104.7	5"x2"	4.0	2.9	5.10														
Enervation load 245-360 N/mm², breaking load 360-470 N/mm²			60.3	21.3			44.5	2"x1/2"	2.9	2.9	0.85	168.3		139.7	136.5	6"x5"	4.5	4.0	9.0													
			76.1	60.3			66.7	2"x1/2x2"	2.9	2.9	1.20	168.3		114.3	130.1	6"x4"	4.5	3.6	9.0													
			76.1	48.3			66.7	2"x1/2x1"1/2	2.9	2.9	1.20	168.3		88.9	123.8	6"x3"	4.5	3.2	9.0													
			76.1	42.4			63.5	2"x1/2x1"1/4	2.9	2.9	1.20	168.3		76.1	120.6	6"x2"1/2	4.5	2.9	9.0													
												168.3		60.3	115.9	6"x2"	4.5	2.9	9.0													

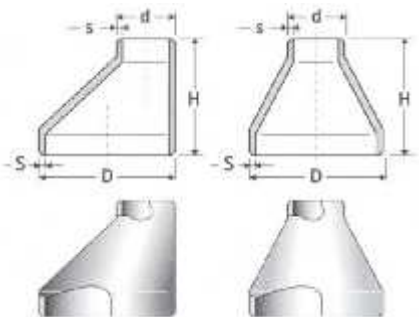
PCS10 - CARBON STEEL CUPS PN10

TO USE FOR THESE FLUIDS	Cooling circuits water	DIMENSIONS					
	Raw water	DN	Ø EST mm	THK mm	H TOT mm	h mm	Weight kg
	Industrial water						
	Waste Water	25	26.9	2	14	5	0.02
	Blowed air for filters	32	33.7	2.3	13.6	5	0.030
	Sludges	40	42.4	2.6	13.6	5	0.050
		50	60.3	2.9	19.4	7	0.120
TEMPERATURE	MAX °C	65	76.1	2.9	21.4	9	0.210
PRESSURE	MIN °C	80	88.9	3.2	26.2	11	0.280
RATING		100	114.3	3.6	29.6	12	0.460
PROCESS		125	139.7	4	39.5	12	0.620
PRESSURE	MIN° bar 2	150	168.3	4.5	49	16	1.230
RATING	MAX° bar 6	200	219.1	6.3	57	17	2.210
		250	273	4/ 6,3	70	18	3.670
NOTES		300	323.9	5 /7.1	87	35	6.300
		350	355.6	8	89	40	8.30
INSTALLATION	by means of welding	400	406.4	8	99	45	11.50
		450	457.2	8	118	40	18.80
		500	508	8	145	40	22.00
CONSTRUCTION		600	609.6	8	157	40	25.00
MATERIAL		DIMENSION					
ST 37 S DIN 1629/84							
		NFA 49-185, certified EN 10204.					
		Enervation load 255 N/mm², breaking load 410 N/mm²					



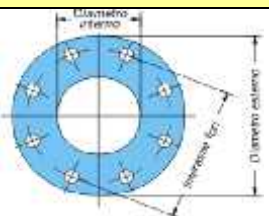
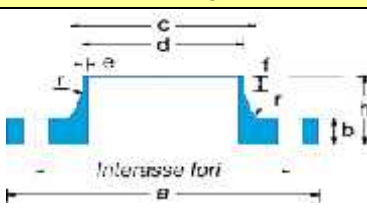
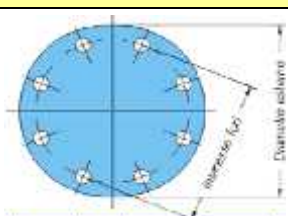
PCS10 - CARBON STEEL REDUCTIONS PN10

TO USE FOR THESE FLUIDS	Cooling circuits water		STANDARD DIMENSION															
	Raw water		Ø BIG			Ø SMALL			H mm	Weight KG	Ø BIG			Ø SMALL			H mm	Weight KG
	Industrial water		DN	D mm	S mm	DN	d mm	S mm			DN	D mm	S mm	DN	d mm	S mm		
	Waste Water		3/4	26.9	2.3	1/2"	21.3	2.0	38	0.08	4	114.3	3.6	1 1/2	48.3	2.6	100	0.85
	Blowed air for filters																	
Sludges																		
TEMPERATURE	MAX °C		1	33.7	2.6	1/2"	21.3	2.0	51	0.09	4	114.3	3.6	1 1/2	48.3	2.6	100	0.85
PRESSURE	MIN °C																	
RATING																		
PROCESS			1 1/4	42.4	2.6	3/4	26.9	2.3	51	0.12	5	139.7	4.0	2	60.3	2.9	127	1.60
PRESSURE	MIN° bar	2																
RATING	MAX° bar	6																
NOTES			1 1/2	48.3	2.6	3/4	26.9	2.3	63,5	0.13	6	168.3	4.5	2 1/2	76.1	2.9	140	2.60
			1 1/2	48.3	2.6	3/4	26.9	2.3	63,5	0.14	6	168.3	4.5	2 1/2	76.1	2.9	140	2.70
INSTALLATION by means of welding			1 1/2	48.3	2.6	3/4	26.9	2.3	63,5	0.18	6	168.3	4.5	2 1/2	76.1	2.9	140	2.82
MATERIAL			1 1/2	48.3	2.6	3/4	26.9	2.3	63,5	0.19	6	168.3	4.5	2 1/2	76.1	2.9	140	2.94
until to DN150																		
ST 35,8/1 DIN 17175/79																		
			2	60.3	2.9	3/4	26.9	2.3	76,2	0.20	8	219.1	6.3	4	114.3	3.6	152	5.03
DIMENSION			2	60.3	2.9	3/4	26.9	2.3	76,2	0.20	8	219.1	6.3	4	114.3	3.6	152	5.12
ISO 5251, certified EN 10204.																		
			2 1/2	76.1	2.9	1	33.7	2.6	88,9	0.21	10	273.0	6.3	5	139.7	4.0	178	7.00
			3	88.9	3.2	1 1/4	42.4	2.6	88,9	0.22	12	323.9	7.1	6	168.3	4.5	203	11.00
			3	88.9	3.2	1 1/2	48.3	2.6	88,9	0.23	12	323.9	7.1	8	219.1	6.3	203	11.10
			3	88.9	3.2	2	60.3	2.9	88,9	0.24	12	323.9	7.1	10	273	6.3	203	11.20



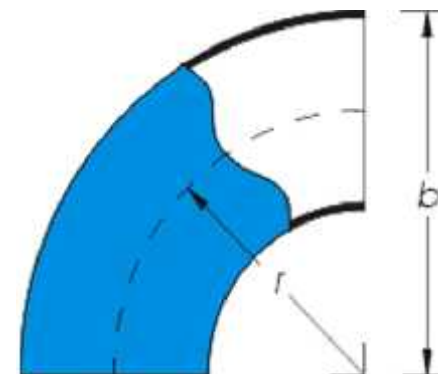
PCS16 - CARBON STEEL PIPE PN16

TO USE FOR THESE FLUIDS	Cooling circuits water Raw water Industrial water Waste Water Blowed air for filters Sludges	DIAMETERS AND THICKNESS													
			DN	INCH	OUT. D.	THK	INT. D.	kg/m		DN	INCH	OUT. D.	THK	INT. D.	kg/m
TEMPERATURE PRESSURE RATING	MAX °C MIN °C	SEAMLESS							WELDED	200	8"	219,1	5	209,1	26,4
										250	10"	273	5,9	261,2	36,9
PROCESS PRESSURE RATING	MIN° bar >6 MAX° bar 12									300	12"	323,8	5,9	312	46,3
										350	14"	355,6	6,3	343	54,3
PAINTING			40	1 ½"	48,3	2,6	43,1	2,93		400	16"	406,4	6,3	393,8	62,2
			50	2"	60,3	2,9	54,5	4,11		450	18"	457	6,3	444,4	70
INSTALLATION	by means of welding		65	2 ½"	76,1	2,9	70,3	5,24		500	20"	508	6,3	495,4	77,9
			80	3"	88,9	3,2	82,5	6,76		600	24"	610	6,3	597,4	93,8
CONSTRUCTION	Seamless <= DN150 Welded >= DN200		100	4"	114,3	4	106,3	10,9		700	28"	711	7,1	696,8	123,25
			125	5"	139,7	4	131,7	15		750	30"	762	8	746	148,76
MATERIAL			150	6"	168,3	4,5	159,3	18,2		800	32"	813	8	797	158,8
										900	36"	914	10	894	223
DIMENSION										1000	40"	1016	10	996	248,1
										1200	48"	1220	10	1200	298,2
until to DN150	Seamless UNI Fe360 UNI 6363-84 Series B (ISO 559)									1400	56"	1420	11	1398	348,3
	Seamless St 37.0 DIN 1629									1500	60"	1524	12,5	1499	373,4
DN150 ><DN 200	Welded UNI Fe410 UNI6363-84 Series B (ISO 559)									1600	64"	1620	12,5	1595	398,4
	Welded St 44.0 DIN 1626									1800	72"	1820	12,5	1795	448,5
DN200 ><DN 250										2000	80"	2020	12,5	1995	498,7
> DN250															

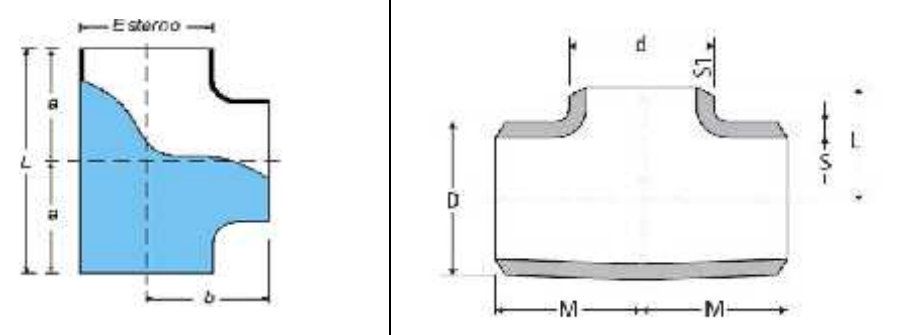
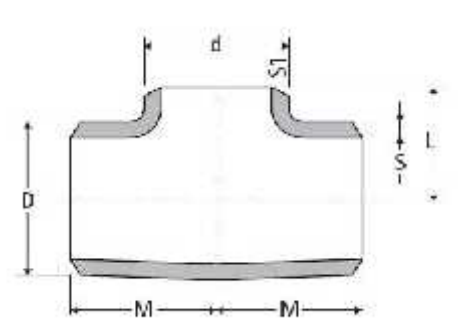
TO USE FOR THESE FLUIDS		FLAT FACE						WELDING NECK													BLIND							
																												
	Cooling circuits water	DN	Ø Est.	HOLES			Thk	Weight	DN	a	b	c	d	e	f	h	r	HOLES			Weight	DN	Ø est	Thk	HOLES			Weight
	Raw water			Axe	Nr	Ø			mm	mm	mm	mm	mm	mm	mm	mm	mm	axe	Ø	NR	kg	mm	mm	mm	axe	Ø	NR	kg
	Industrial water	mm	mm	mm		mm	mm	kg										mm	mm	NR				mm	mm	NR		
	Waste Water	15							15	95	14	32	21,3	2	6	35	4	65	14	4	0,73	15	95	14	65	14	4	0,71
	Blowed air for filters	20							20	105	16	40	26,9	2,3	6	38	4	75	14	4	1	20	105	16	75	14	4	1
	Sludges	25	115	85	4	14	14	1	25	115	16	46	33,7	2,6	6	38	4	85	14	4	1,23	25	115	16	85	14	4	1,22
		32	140	100	4	18	16	1,63	32	140	16	56	42,4	2,6	6	40	6	100	18	4	1,8	32	140	16	100	18	4	1,8
		40	150	110	4	18	16	1,85	40	150	16	64	48,3	2,6	7	42	6	110	18	4	2,08	40	150	16	110	18	4	2,09
	50	165	125	4	18	18	2,46	50	165	18	74	60,3	2,9	8	45	5	125	18	4	2,78	50	165	18	125	18	4	2,87	
TEMPERATURE	MAX °C	65	185	145	4	18	18	3	65	185	18	92	76,1	2,9	10	45	6	145	18	4	3,4	65	185	18	145	18	4	3,65
PRESSURE	MIN °C	80	200	160	8	18	20	3,61	80	200	20	105	88,9	3,2	10	50	6	160	18	8	4,2	80	200	20	160	18	8	4,61
RATING		100	220	180	8	18	22	4,4	100	220	20	131	114,3	4	12	52	8	180	18	8	4,75	100	220	20	180	18	8	5,65
PROCESS		125	250	210	8	18	24	5,92	125	250	22	156	139,7	4	12	55	8	210	18	8	6,45	125	250	22	210	18	8	8,12
PRESSURE	MIN° bar	150	285	240	8	22	24	7,17	150	285	22	184	168,3	4,5	12	55	10	240	22	8	8	150	285	22	240	22	8	10,5
RATING	MAX° bar	200	340	295	12	22	26	9,77	200	340	24	235	219,1	5	16	62	10	295	22	12	11:01	200	340	24	295	22	12	16,2
		250	405	355	12	25	32	16	250	405	26	292	273	5,9	16	70	12	355	25	12	16,3	250	405	26	355	25	12	25,1
INSTALLATION	by means of welding	300	460	410	12	25	32	19,3	300	460	28	344	323,9	5,9	16	78	12	410	25	12	21,8	300	460	28	410	25	12	35,2
		350	520	470	16	25	36	29,4	350	520	30	390	355	6,3	16	82	12	470	25	16	29,2	350	520	30	470	25	16	48,2
GASKETS	NEOPRENE thk 3 mm	400	580	525	16	30	38	36,5	400	580	32	445	406,4	7	16	85	12	525	30	16	37	400	580	32	525	30	16	63,5
	EPDM thk 3 mm	450	640	585	20	30	40	42	450	640	32	490	457	7,3	16	85	12	585	30	20	45,4	450	640	32	585	30	20	77,2
		500	715	650	20	33	42	59	500	715	34	548	508	7,3	16	90	12	650	33	20	61,1	500	715	34	650	33	20	102
		600	840	770	20	36	44	70	600	840	36	652	610	7,3	18	95	12	770	36	20	84,6	600	840	36	770	36	20	116
		700							700	910	36	755	711	9	18	100	12	840	36	24	87,4	700						
		800							800	1.025	38	855	813	9	20	105	12	950	39	24	109	800						
		900							900	1.125	40	955	914	10	20	110	12	1.050	39	28	129	900						
		1000							1.000	1.255	42	1.058	1.016	12	22	120	16	1.170	42	28	175	1.000						
MATERIAL				DIMENSION				BOLTS																				
Flat face	ASTM A105	Flat face				UNI EN 1092-1	DIN 2573	Bolts or threaded rods in Galvanized carbon steel																				
Welding Neck	ASTM A105	Welding Neck				UNI EN 1092-1	DIN 2623	Washer are not used																				
Blind	ASTM A105	Blind				UNI EN 1092-1	DIN 25727	UNI 5727 - UNI 3740 DIN601 (ISO 272 and ISO 273)																				
								For bolts and threaded dimension see Valves specifications																				

PCS16 - CARBON STEEL ELBOW PN16

TO USE FOR THESE FLUIDS	Cooling circuits water	DIMENSIONS					
	Raw water	DN	Ø Est. mm	Thk mm	r mm	b mm	Weight kg
	Industrial water						
	Waste Water	20	26.9	2.0	29	43	0.06
	Blowed air for filters	25	33.7	2.3	38	56	0.12
	Sludges	32	42.4	2.6	48	69	0.19
		40	48.3	2.6	57	82	0.26
TEMPERATURE	MAX °C	50	60.3	2.9	76	106	0.49
PRESSURE	MIN °C	65	76.1	2.9	95	133	0.78
RATING		80	88.9	3.2	114	159	1.22
PROCESS		100	114.3	3.6	152	210	2.36
PRESSURE	MIN° bar >6	125	139.7	4.0	190	260	4.00
RATING	MAX° bar 12	150	168.3	4.5	229	313	6.50
		200	219.1	5.5	305	414	15.80
NOTES		250	273.0	6.3	381	518	24.80
		300	323.9	7.1	457	619	39.80
ELBOWS > DN500	Standard fitting are not foreseen	350	355.6	8.0	533	711	57.50
These elbows will be fabricated on site by pipe		400	406.4	8.8	610	813	82.60
		450	457,2	10	686	914	119
		500	508	11	762	1016	161
CONSTRUCTION	Seamless <= DN150 Welded >= DN200	INSTALLATION by means of welding					
MATERIAL		DIMENSION					
until to DN150	Seamless ST 37 S DIN 1629/84	CURVED AT 90° r= 1,5 DN					
from DN200	Welded ST 37 DIN 1626/84	DIN 2605-2609, certified EN 10204.					
		Enervation load 245-360 N/mm², breaking load 360-470 N/mm²					



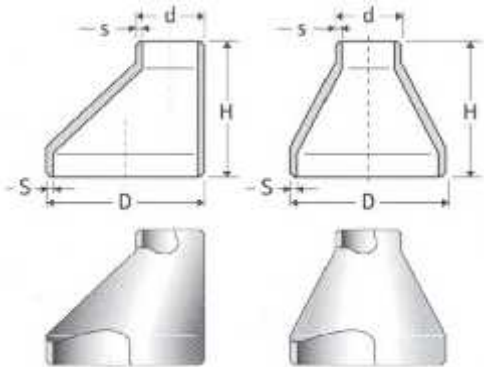
PCS16 - CARBON STEEL TEES PN16

TO USE FOR THESE FLUIDS			Cooling circuits water		STANDARD TEES DIMENSIONS													
			Raw water		DN	Ø Est.	Thk	a	b	L	Weight							
			Industrial water		mm	mm	mm	mm	mm	mm	kg							
			Waste Water		20	26.9	2.3	29	29	58	0.2							
			Blowed air for filters		25	33.7	2.6	38	38	76	0.3							
			Sludges		32	42.4	2.6	48	48	96	0.5							
					40	48.3	2.6	57	57	114	0.7							
TEMPERATURE	MAX °C		50	60.3	2.9	64	64	128	1.1									
PRESSURE	MIN °C		65	76.1	2.9	76	76	152	1.5									
RATING			80	88.9	3.2	86	86	172	2.2									
PROCESS			100	114.3	3.6	105	105	210	4.3									
PRESSURE	MIN° bar	>6	125	139.7	4.0	124	124	148	6.2									
RATING	MAX° bar	12	150	168.3	4.5	143	143	286	9.0									
REDUCED TEES DIMENSIONS																		
NOTES			D	d	M	L	Dxd	S	S1	Weight	D	d	M	L	Dxd	S	S1	Weight
			mm	mm	mm	mm	mm	mm	mm	kg	mm	mm	mm	mm	mm	mm	mm	kg
TEES > DN150 Standard fitting are not foreseen			26.9	21.3	28.5	28.5	3/4"x1/2"	2.3	2.0	0.12	76.1	33.7		54.2	2"x1/2x1"	2.9	2.9	1.20
These derivation will be directly done on site PIPE to PIPE			33.7	26.9	38.1	38.1	1"x3/4"	2.6	2.3	0.26	88.9	76.1	85.7	82.6	3"x2"1/2	3.2	3.2	1.80
			33.7	21.3			1"x1/2"	2.6	2.0	0.26	88.9	60.3		76.2	3"x2"	3.2	3.2	1.80
INSTALLATION by means of welding			42.4	33.7	47.6	47.6	1"1/4x1"	2.6	2.6	0.45	88.9	48.3		79.0	3"x1"1/2	3.2	3.2	1.80
			42.4	26.9			1"1/4x3/4"	2.6	2.3	0.45	88.9	42.4		69.9	3"x1"1/4	3.2	3.2	1.80
MATERIAL			42.4	21.3			1"1/4x1/2"	2.6	2.0	0.45	88.9	33.7		65.9	3"x1"	3.2	3.2	1.80
until to DN150 ST 35,8 DIN 17175/79			48.3	42.4			57.1	57.1	1"1/2x1"1/4	2.6	2.6	0.58		114.3	88.9	104.8	98.4	4"x3"
			48.3	33.7			1"1/2x1"	2.6	2.0	0.58	114.3	76.1		95.2	4"x2"1/2	3.6	2.9	3.10
			48.3	26.9			1"1/2x3/4"	2.6	2.3	0.58	114.3	60.3		88.9	4"x2"	3.6	2.9	3.10
			48.3	21.3			1"1/2x1/2"	2.6	2.0	0.58	114.3	48.3		85.7	4"x1"1/2	3.6	2.6	3.10
			60.3	48.3			63.5	60.3	2"x1"1/2	2.9	2.6	0.85		139.7	114.3	123.8	117.4	5"x4"
DIMENSION			60.3	42.4			2"x1"1/4	2.9	2.6	0.85	139.7	88.9		111.1	5"x3"	4.0	3.2	5.10
			60.3	33.7			50.8	2"x 1"	2.9	2.6	0.85	139.7		76.1	107.9	5"x2"1/2	4.0	2.9
DIN 2605-2609, certified EN 10204.			60.3	26.9			44.5 2"x3/4"	2.9	2.9	0.85	139.7	60.3		104.7	5"x2"	4.0	2.9	5.10
Enervation load 245-360 N/mm², breaking load 360-470 N/mm²			60.3	21.3			44.5 2"x1/2"	2.9	2.9	0.85	168.3	139.7		142.8	136.5	6"x5"	4.5	4.0
			76.1	60.3	76.2		69.9 2"1/2x2"	2.9	2.9	1.20	168.3	114.3		130.1	6"x4"	4.5	3.6	9.0
			76.1	48.3			66.7 2"1/2x1"1/2	2.9	2.9	1.20	168.3	88.9		123.8	6"x3"	4.5	3.2	9.0
			76.1	42.4			63.5 2"1/2x1"1/4	2.9	2.9	1.20	168.3	76.1		120.6	6"x2"1/2	4.5	2.9	9.0
														168.3	60.3	115.9	6"x2"	4.5

TO USE FOR THESE FLUIDS	Cooling circuits water	DIMENSIONS						
	Raw water	DN	Ø EST mm	THK mm	H TOT mm	h mm	Weight kg	
	Industrial water							
	Waste Water	25	26.9	2	14	5	0.02	
	Blowed air for filters	32	33.7	2.3	13.6	5	0.030	
	Sludges	40	42.4	2.6	13.6	5	0.050	
			50	60.3	2.9	19.4	7	
TEMPERATURE	MAX °C	65	76.1	2.9	21.4	9	0.210	
PRESSURE	MIN °C	80	88.9	3.2	26.2	11	0.280	
RATING		100	114.3	3.6	29.6	12	0.460	
PROCESS		125	139.7	4	39.5	12	0.620	
PRESSURE	MIN° bar >6	150	168.3	4.5	49	16	1.230	
RATING	MAX° bar 12	200	219.1	6.3	57	17	2.210	
		250	273	4/ 6,3	70	18	3.670	
NOTES		300	323.9	5 /7.1	87	35	6.300	
		350	355.6	8	89	40	8.30	
INSTALLATION	by means of welding	400	406.4	8	99	45	11.50	
		450	457.2	8	118	40	18.80	
		500	508	8	145	40	22.00	
CONSTRUCTION		600	609.6	8	157	40	25.00	
MATERIAL			DIMENSION					
ST 37 S DIN 1629/84								
			NFA 49-185, certified EN 10204.					
			Enervation load 255 N/mm², breaking load 410 N/mm²					

PCS16 - CARBON STEEL REDUCTIONS PN16

TO USE FOR THESE FLUIDS	Cooling circuits water		STANDARD DIMENSION																			
	Raw water		Ø BIG			Ø SMALL			H mm	Weight KG	Ø BIG			Ø SMALL			H mm	Weight KG				
	Industrial water		DN	D mm	S mm	DN	d mm	S mm			DN	D mm	S mm	DN	d mm	S mm						
	Waste Water		3/4	26.9	2.3	1/2"	21.3	2.0	38	0.08	4	114.3	3.6	1"1/2	48.3	2.6	100	0.85				
	Blowed air for filters													2	60.3	2.9						
Sludges		1	33.7	2.6	1/2"	21.3	2.0	51	0.09	4	114.3	3.6	2"1/2	76.1	2.9	100	1.00					
													3	88.9	3.2							
TEMPERATURE	MAX °C		1"1/4	42.4	2.6	1/2"	21.3	2.0	51	0.12	5	139.7	4.0	2	60.3	2.9	127	1.60				
PRESSURE	MIN °C					3/4	26.9	2.3		0.13				2"1/2	76.1	2.9						
RATING						1	33.7	2.6		0.14				3	88.9	3.2						
PROCESS						1/2"	21.3	2.0		0.18				4	114.3	3.6						
PRESSURE	MIN° bar	>6				3/4	26.9	2.3		0.19				6	168.3	4.5						
RATING	MAX° bar	12	1	33.7	2.6	0.20	2"1/2	76.1	2.9													
NOTES			1"1/2	48.3	2.6	3/4	26.9	2.3	63,5	0.20	6	168.3	4.5	3	88.9	3.2	140	2.60				
														1	33.7	2.6			0.20	4	114.3	3.6
														1/2"	21.3	2.0			0.30	5	139.7	4.0
														3/4	26.9	2.3			0.31	6	168.3	4.5
														1	33.7	2.6			0.32	8	219.1	6.3
INSTALLATION			1"1/2	48.3	2.6	3/4	26.9	2.3	63,5	0.20	6	168.3	4.5	4	114.3	3.6	152	5.03				
by means of welding														1	33.7	2.6			0.31	5	139.7	4.0
														1/2"	21.3	2.0			0.32	6	168.3	4.5
														3/4	26.9	2.3			0.33	8	219.1	6.3
														1	33.7	2.6			0.40	10	273.0	6.3
MATERIAL			2	60.3	2.9	3/4	26.9	2.3	76,2	0.30	8	219.1	6.3	4	114.3	3.6	178	7.00				
until to DN150														1	33.7	2.6			0.31	5	139.7	4.0
														1"1/4	42.4	2.6			0.32	6	168.3	4.5
														1"1/2	48.3	2.6			0.33	8	219.1	6.3
														1	33.7	2.6			0.40	10	273.0	6.3
DIMENSION			2"1/2	76.1	2.9	1	33.7	2.6	88,9	0.47	10	273.0	6.3	4	114.3	3.6	178	7.20				
														1"1/4	42.4	2.6			0.48	5	139.7	4.0
														1"1/2	48.3	2.6			0.49	6	168.3	4.5
														2	60.3	2.6			0.55	8	219.1	6.3
														1"1/4	42.4	2.6			0.61	10	273.0	6.3
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.63	8	219.1	6.3
														2	60.3	2.9			10	273	6.3	
														2"1/2	76.1	2.9			10	273	6.3	
														1"1/4	42.4	2.6			10	273	6.3	
ISO 5251, certified EN 10204.			3	88.9	3.2	1"1/4	42.4	2.6	88,9	0.62	12	323.9	7.1	6	168.3	4.5	203	11.00				
														1"1/2	48.3	2.6			0.			



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1GELB

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING	RILSAN		50	100	43	3	M16 x 110	4
	DISC LINING	RILSAN		65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	8
	PN	10 UNI 2277 - DIN 2576		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1GEVB

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	8
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M20 x 150	12
	BODY LINING	RILSAN		300	7360	78	30,8	M20 x 170	12
	DISC LINING	RILSAN		350	9800	78	41,5	M20 x 170	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M22 x 200	16
	PN	10 UNI 2277 - DIN 2576		450	16800	114	95	M22 x 210	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M22 x 230	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M27 x 270	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M27 x 280	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M30 x 320	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT				SITE		JOB	
PLANT				REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET						
TYPE	BUTTERFLY VALVE						

F1SELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING	RILSAN		50	100	43	3	M16 x 110	4
	DISC LINING	RILSAN		65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	4
	PN	10 UNI 2277 - DIN 2576		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1SEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	8
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M20 x 150	12
	BODY LINING	RILSAN		300	7360	78	30,8	M20 x 170	12
	DISC LINING	RILSAN		350	9800	78	41,5	M20 x 170	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M22 x 200	16
	PN	10 UNI 2277 - DIN 2576		450	16800	114	95	M22 x 210	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M22 x 230	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M27 x 270	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M27 x 280	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M30 x 320	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1AELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING	RILSAN		50	100	43	3	M16 x 110	4
	DISC LINING			65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	4
	PN	10 UNI 2277 - DIN 2576		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1AEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	8
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M20 x 150	12
	BODY LINING	RILSAN		300	7360	78	30,8	M20 x 170	12
	DISC LINING			350	9800	78	41,5	M20 x 170	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M22 x 200	16
	PN	10 UNI 2277 - DIN 2576		450	16800	114	95	M22 x 210	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M22 x 230	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M27 x 270	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M27 x 280	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M30 x 320	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1BELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING	RILSAN		50	100	43	3	M16 x 110	4
	DISC LINING			65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	4
	PN	10 UNI 2277 - DIN 2576		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1BEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	8
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M20 x 150	12
	BODY LINING	RILSAN		300	7360	78	30,8	M20 x 170	12
	DISC LINING			350	9800	78	41,5	M20 x 170	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M22 x 200	16
	PN	10 UNI 2277 - DIN 2576		450	16800	114	95	M22 x 210	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M22 x 230	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M27 x 270	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M27 x 280	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M30 x 320	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1NELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING	RILSAN		50	100	43	3	M16 x 110	4
	DISC LINING			65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	4
	PN	10 UNI 2277 - DIN 2576		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1NEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	8
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M20 x 150	12
	BODY LINING	RILSAN		300	7360	78	30,8	M20 x 170	12
	DISC LINING			350	9800	78	41,5	M20 x 170	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M22 x 200	16
	PN	10 UNI 2277 - DIN 2576		450	16800	114	95	M22 x 210	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M22 x 230	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M27 x 270	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M27 x 280	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M30 x 320	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1PELB

MATERIALS	BODY	PVC		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	PVC (INTERNAL STEM IN STEEL)							
	SHAFT	PVC (INTERNAL STEM IN STEEL)							
	GASKET	EPDM		65	132	46	1,3	M16 x 140	4
	ACTUATOR	MANUAL - PVC/ABS		80	180	49	1,8	M16 x 150	8
	BODY LINING			100	390	56	2,5	M16 x 160	8
	DISC LINING			125	690	64	3,6	M16 x 180	8
CONNECTIONS	TYPE	WAFER		150	996	70 (76)	4,9	M20 x 200	8
	PN	10 UNI 2277 - DIN 2576		200	2376	71 (89)	7	M20 x 220	8
	CONTROL COUPLING	EN ISO 5211		250	3312	76	13	M20 x 240	12
TECHNICAL DATA	MAX TEMPERATURE	+25°C							
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20				(...) F.I.P.			
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1PEVB

MATERIALS	BODY	PVC		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	PVC (INTERNAL STEM IN STEEL)							
	SHAFT	PVC (INTERNAL STEM IN STEEL)							
	GASKET	EPDM		65	132	46	3,4	M16 x 140	4
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		80	180	49	4	M16 x 150	8
	BODY LINING			100	390	56	4,6	M16 x 160	8
	DISC LINING			125	690	64	5,8	M16 x 180	8
CONNECTIONS	TYPE	WAFER		150	996	70 (76)	6,7	M20 x 200	8
	PN	10 UNI 2277 - DIN 2576		200	2376	71 (89)	9,1	M20 x 220	8
	CONTROL COUPLING	EN ISO 5211		250	3312	76	19,1	M20 x 240	12
TECHNICAL DATA	MAX TEMPERATURE	+25°C							
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20				(...) F.I.P.			
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1XELB

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING			50	100	43	3	M16 x 110	4
	DISC LINING			65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	4
	PN	10 UNI 2277 - DIN 2576		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1XEVB

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	8
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M20 x 150	12
	BODY LINING			300	7360	78	30,8	M20 x 170	12
	DISC LINING			350	9800	78	41,5	M20 x 170	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M22 x 200	16
	PN	10 UNI 2277 - DIN 2576		450	16800	114	95	M22 x 210	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M22 x 230	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M27 x 270	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M27 x 280	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M30 x 320	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1GELC

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	MANUAL - METALLIC LEVER-HLA							
	BODY LINING	RILSAN							
	DISC LINING	RILSAN							
CONNECTIONS	TYPE	WAFER		32	40	30	1,4	M16 x 90	4
	PN	16 UNI 2278 - DIN 2577		40	50	33	2	M16 x 90	4
	CONTROL COUPLING	EN ISO 5211		50	100	43	3	M16 x 110	4
TECHNICAL DATA	MAX TEMPERATURE	+95°C		65	210	46	3,6	M16 x 110	4
	MIN TEMPERATURE	- 10°C		80	360	46	4	M16 x 110	4
	DIMENSIONS	ISO 5752/20		100	650	52	5,5	M16 x 120	8
	STANDARD	CE / DIN / UNI		125	1050	56	7,5	M16 x 130	8
				150	1770	56	8,6	M20 x 130	8
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1GEVC

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB							
	BODY LINING	RILSAN							
	DISC LINING	RILSAN							
CONNECTIONS	TYPE	WAFER		200	3400	60	12,7	M20 x 140	12
	PN	16 UNI 2278 - DIN 2577		250	5090	68	22,2	M22 x 160	12
	CONTROL COUPLING	EN ISO 5211		300	7360	78	30,8	M22 x 180	12
TECHNICAL DATA	MAX TEMPERATURE	+95°C		350	9800	78	41,5	M22 x 180	16
	MIN TEMPERATURE	- 10°C		400	12900	102	57,2	M27 x 220	16
	DIMENSIONS	ISO 5752/20		450	16800	114	95	M27 x 230	20
	STANDARD	CE / DIN / UNI		500	21700	127	125	M30 x 260	20
				600	29800	154	180	M33 x 290	20
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1SELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING	RILSAN		50	100	43	3	M16 x 110	4
	DISC LINING	RILSAN		65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	4
	PN	16 UNI 2278 - DIN 2577		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1SEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	12
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M22 x 160	12
	BODY LINING	RILSAN		300	7360	78	30,8	M22 x 180	12
	DISC LINING	RILSAN		350	9800	78	41,5	M22 x 180	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M27 x 220	16
	PN	16 UNI 2278 - DIN 2577		450	16800	114	95	M27 x 230	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M30 x 260	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M33 x 290	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M33 x 310	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M36 x 340	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1AELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	MANUAL - METALLIC LEVER-HLA							
	BODY LINING	RILSAN							
	DISC LINING	RILSAN							
CONNECTIONS	TYPE	WAFER							
	PN	16 UNI 2278 - DIN 2577		32	40	30	1,4	M16 x 90	4
	CONTROL COUPLING	EN ISO 5211		40	50	33	2	M16 x 90	4
TECHNICAL DATA	MAX TEMPERATURE	+95°C		50	100	43	3	M16 x 110	4
	MIN TEMPERATURE	- 10°C		65	210	46	3,6	M16 x 110	4
	DIMENSIONS	ISO 5752/20		80	360	46	4	M16 x 110	4
	STANDARD	CE / DIN / UNI		100	650	52	5,5	M16 x 120	8
				125	1050	56	7,5	M16 x 130	8
				150	1770	56	8,6	M20 x 130	8
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1AEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB							
	BODY LINING	RILSAN							
	DISC LINING	RILSAN							
CONNECTIONS	TYPE	WAFER							
	PN	16 UNI 2278 - DIN 2577		200	3400	60	12,7	M20 x 140	12
	CONTROL COUPLING	EN ISO 5211		250	5090	68	22,2	M22 x 160	12
TECHNICAL DATA	MAX TEMPERATURE	+95°C		300	7360	78	30,8	M22 x 180	12
	MIN TEMPERATURE	- 10°C		350	9800	78	41,5	M22 x 180	16
	DIMENSIONS	ISO 5752/20		400	12900	102	57,2	M27 x 220	16
	STANDARD	CE / DIN / UNI		450	16800	114	95	M27 x 230	20
				500	21700	127	125	M30 x 260	20
				600	29800	154	180	M33 x 290	20
				700	35100	165	280	M33 x 310	24
				800	45900	190	387	M36 x 340	24
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1BELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	MANUAL - METALLIC LEVER-HLA							
	BODY LINING	RILSAN							
	DISC LINING	RILSAN							
CONNECTIONS	TYPE	WAFER		32	40	30	1,4	M16 x 90	4
	PN	16 UNI 2278 - DIN 2577		40	50	33	2	M16 x 90	4
	CONTROL COUPLING	EN ISO 5211		50	100	43	3	M16 x 110	4
TECHNICAL DATA	MAX TEMPERATURE	+95°C		65	210	46	3,6	M16 x 110	4
	MIN TEMPERATURE	- 10°C		80	360	46	4	M16 x 110	4
	DIMENSIONS	ISO 5752/20		100	650	52	5,5	M16 x 120	8
	STANDARD	CE / DIN / UNI		125	1050	56	7,5	M16 x 130	8
				150	1770	56	8,6	M20 x 130	8
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1BEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB							
	BODY LINING	RILSAN							
	DISC LINING	RILSAN							
CONNECTIONS	TYPE	WAFER		200	3400	60	12,7	M20 x 140	12
	PN	16 UNI 2278 - DIN 2577		250	5090	68	22,2	M22 x 160	12
	CONTROL COUPLING	EN ISO 5211		300	7360	78	30,8	M22 x 180	12
TECHNICAL DATA	MAX TEMPERATURE	+95°C		350	9800	78	41,5	M22 x 180	16
	MIN TEMPERATURE	- 10°C		400	12900	102	57,2	M27 x 220	16
	DIMENSIONS	ISO 5752/20		450	16800	114	95	M27 x 230	20
	STANDARD	CE / DIN / UNI		500	21700	127	125	M30 x 260	20
				600	29800	154	180	M33 x 290	20
				700	35100	165	280	M33 x 310	24
MANUFACTURER:		MODEL:		800	45900	190	387	M36 x 340	24

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1NELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 90	4
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 90	4
	BODY LINING	RILSAN		50	100	43	3	M16 x 110	4
	DISC LINING			65	210	46	3,6	M16 x 110	4
CONNECTIONS	TYPE	WAFER		80	360	46	4	M16 x 110	4
	PN	16 UNI 2278 - DIN 2577		100	650	52	5,5	M16 x 120	8
	CONTROL COUPLING	EN ISO 5211		125	1050	56	7,5	M16 x 130	8
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	8,6	M20 x 130	8
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1NEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	12,7	M20 x 140	12
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	22,2	M22 x 160	12
	BODY LINING	RILSAN		300	7360	78	30,8	M22 x 180	12
	DISC LINING			350	9800	78	41,5	M22 x 180	16
CONNECTIONS	TYPE	WAFER		400	12900	102	57,2	M27 x 220	16
	PN	16 UNI 2278 - DIN 2577		450	16800	114	95	M27 x 230	20
	CONTROL COUPLING	EN ISO 5211		500	21700	127	125	M30 x 260	20
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	180	M33 x 290	20
	MIN TEMPERATURE	- 10°C		700	35100	165	280	M33 x 310	24
	DIMENSIONS	ISO 5752/20		800	45900	190	387	M36 x 340	24
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F1XELC

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	MANUAL - METALLIC LEVER-HLA							
	BODY LINING								
	DISC LINING								
CONNECTIONS	TYPE	WAFER		32	40	30	1,4	M16 x 90	4
	PN	16 UNI 2278 - DIN 2577		40	50	33	2	M16 x 90	4
	CONTROL COUPLING	EN ISO 5211		50	100	43	3	M16 x 110	4
TECHNICAL DATA	MAX TEMPERATURE	+95°C		65	210	46	3,6	M16 x 110	4
	MIN TEMPERATURE	- 10°C		80	360	46	4	M16 x 110	4
	DIMENSIONS	ISO 5752/20		100	650	52	5,5	M16 x 120	8
	STANDARD	CE / DIN / UNI		125	1050	56	7,5	M16 x 130	8
				150	1770	56	8,6	M20 x 130	8
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F1XEVC

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM							
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB							
	BODY LINING								
	DISC LINING								
CONNECTIONS	TYPE	WAFER		200	3400	60	12,7	M20 x 140	12
	PN	16 UNI 2278 - DIN 2577		250	5090	68	22,2	M22 x 160	12
	CONTROL COUPLING	EN ISO 5211		300	7360	78	30,8	M22 x 180	12
TECHNICAL DATA	MAX TEMPERATURE	+95°C		350	9800	78	41,5	M22 x 180	16
	MIN TEMPERATURE	- 10°C		400	12900	102	57,2	M27 x 220	16
	DIMENSIONS	ISO 5752/20		450	16800	114	95	M27 x 230	20
	STANDARD	CE / DIN / UNI		500	21700	127	125	M30 x 260	20
				600	29800	154	180	M33 x 290	20
				700	35100	165	280	M33 x 310	24
				800	45900	190	387	M36 x 340	24
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2GELB

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING	RILSAN		65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	10 UNI 2277 - DIN 2576		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2GEVB

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M20 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M20 x 60	24
	DISC LINING	RILSAN		350	9800	78	55	M20 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M24 x 70	32
	PN	10 UNI 2277 - DIN 2576		450	16800	114	143	M24 x 70	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M24 x 80	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M27 x 100	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2SELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING	RILSAN		65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	10 UNI 2277 - DIN 2576		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2SEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M20 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M20 x 60	24
	DISC LINING	RILSAN		350	9800	78	55	M20 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M24 x 70	32
	PN	10 UNI 2277 - DIN 2576		450	16800	114	143	M24 x 70	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M24 x 80	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M27 x 100	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2AELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	10 UNI 2277 - DIN 2576		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2AEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M20 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M20 x 60	24
	DISC LINING			350	9800	78	55	M20 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M24 x 70	32
	PN	10 UNI 2277 - DIN 2576		450	16800	114	143	M24 x 70	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M24 x 80	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M27 x 100	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2BELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	10 UNI 2277 - DIN 2576		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2BEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M20 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M20 x 60	24
	DISC LINING			350	9800	78	55	M20 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M24 x 70	32
	PN	10 UNI 2277 - DIN 2576		450	16800	114	143	M24 x 70	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M24 x 80	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M27 x 100	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2NELB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	10 UNI 2277 - DIN 2576		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2NEVB

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M20 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M20 x 60	24
	DISC LINING			350	9800	78	55	M20 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M24 x 70	32
	PN	10 UNI 2277 - DIN 2576		450	16800	114	143	M24 x 70	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M24 x 80	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M27 x 100	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2XELB

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING			50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	10 UNI 2277 - DIN 2576		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2XEVB

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M20 x 50	24
	BODY LINING			300	7360	78	41,2	M20 x 60	24
	DISC LINING			350	9800	78	55	M20 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M24 x 70	32
	PN	10 UNI 2277 - DIN 2576		450	16800	114	143	M24 x 70	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M24 x 80	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M27 x 100	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2GELC

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING	RILSAN		65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	16 UNI 2278 - DIN 2577		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2GEVC

MATERIALS	BODY	CAST IRON GG25		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	CAST IRON GG25							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M24 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M24 x 60	24
	DISC LINING	RILSAN		350	9800	78	55	M24 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M27 x 80	32
	PN	16 UNI 2278 - DIN 2577		450	16800	114	143	M27 x 80 (x)	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M30 x 90 (x)	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M33 x 100 (x)	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:		(x) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2SELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING	RILSAN		65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	16 UNI 2278 - DIN 2577		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2SEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M24 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M24 x 60	24
	DISC LINING	RILSAN		350	9800	78	55	M24 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M27 x 80	32
	PN	16 UNI 2278 - DIN 2577		450	16800	114	143	M27 x 80 (x)	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M30 x 90 (x)	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M33 x 100 (x)	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:		(x) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2AELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	16 UNI 2278 - DIN 2577		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2AEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M24 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M24 x 60	24
	DISC LINING			350	9800	78	55	M24 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M27 x 80	32
	PN	16 UNI 2278 - DIN 2577		450	16800	114	143	M27 x 80 (x)	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M30 x 90 (x)	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M33 x 100 (x)	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:		(x) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2BELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	16 UNI 2278 - DIN 2577		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2BEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	STAINLESS STEEL AISI 304							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M24 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M24 x 60	24
	DISC LINING			350	9800	78	55	M24 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M27 x 80	32
	PN	16 UNI 2278 - DIN 2577		450	16800	114	143	M27 x 80 (x)	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M30 x 90 (x)	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M33 x 100 (x)	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:		(x) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2NELC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING	RILSAN		50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	16 UNI 2278 - DIN 2577		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2NEVC

MATERIALS	BODY	SPHEROIDAL CAST IRON GGG40		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M24 x 50	24
	BODY LINING	RILSAN		300	7360	78	41,2	M24 x 60	24
	DISC LINING			350	9800	78	55	M24 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M27 x 80	32
	PN	16 UNI 2278 - DIN 2577		450	16800	114	143	M27 x 80 (x)	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M30 x 90 (x)	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M33 x 100 (x)	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:		(x) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	BUTTERFLY VALVE					

F2XELC

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		32	40	30	1,4	M16 x 30	8
	ACTUATOR	MANUAL - METALLIC LEVER-HLA		40	50	33	2	M16 x 30	8
	BODY LINING			50	100	43	3,2	M16 x 30	8
	DISC LINING			65	210	46	4	M16 x 40	8
CONNECTIONS	TYPE	LUG		80	360	46	6,1	M16 x 40	16
	PN	16 UNI 2278 - DIN 2577		100	650	52	8,5	M16 x 40	16
	CONTROL COUPLING	EN ISO 5211		125	1050	56	10	M16 x 40	16
TECHNICAL DATA	MAX TEMPERATURE	+95°C		150	1770	56	11	M20 x 40	16
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

F2XEVC

MATERIALS	BODY	STAINLESS STEEL AISI 316		DN	Kv m³/h	Thickness mm	WEIGHT kg	Screw Dimension	Nr
	DISC	STAINLESS STEEL AISI 316							
	SHAFT	STAINLESS STEEL AISI 420							
	GASKET	EPDM		200	3400	60	19,6	M20 x 50	16
	ACTUATOR	GEARBOX WITH HANDWHEEL-GB		250	5090	68	28,7	M24 x 50	24
	BODY LINING			300	7360	78	41,2	M24 x 60	24
	DISC LINING			350	9800	78	55	M24 x 60	32
CONNECTIONS	TYPE	LUG		400	12900	102	75	M27 x 80	32
	PN	16 UNI 2278 - DIN 2577		450	16800	114	143	M27 x 80 (x)	40
	CONTROL COUPLING	EN ISO 5211		500	21700	127	200	M30 x 90 (x)	40
TECHNICAL DATA	MAX TEMPERATURE	+95°C		600	29800	154	295	M33 x 100 (x)	40
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:		(x) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	DOUBLE CHECK VALVE					

R1SEDB

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40		40		43	1,2	M16 x 110	4
	SHAFT	S.S. AISI 316		50		43	1,4	M16 x 110	4
	GASKET	EPDM		65		46	2,4	M16 x 110	4
	AXE	STAINLESS STEEL		80		64	3,5	M16 x 130	8
	BODY LINING			100		64	5,2	M16 x 140	8
	DISC LINING			125		70	7,2	M16 x 150	8
CONNECTIONS	TYPE	WAFER		150		76	10	M20 x 160	8
	PN	10 UNI 2277 - DIN 2576							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

R1SEDB

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40		200		89	15,2	M20 x 180	8
	SHAFT	S.S. AISI 316		250		114	28,5	M20 x 210	12
	GASKET	EPDM		300		114	43,5	M20 x 210	12
	ACTUATOR	STAINLESS STEEL		350		127	53	M20 x 220	16
	BODY LINING			400		140	65	M22 x 240	16
	DISC LINING			450		152		M22 x 260	20
CONNECTIONS	TYPE	WAFER							
	PN	10 UNI 2277 - DIN 2576							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

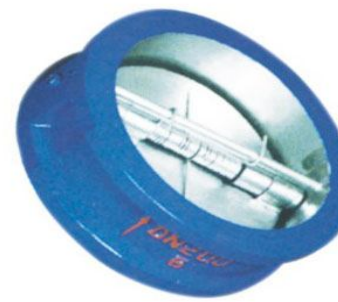
CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	DOUBLE CHECK VALVE					

R1AEDB

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	S.S. AISI 316		40		43	1,2	M16 x 110	4
	SHAFT	S.S. AISI 316		50		43	1,4	M16 x 110	4
	GASKET	EPDM		65		46	2,4	M16 x 110	4
	AXE	STAINLESS STEEL		80		64	3,5	M16 x 130	8
	BODY LINING			100		64	5,2	M16 x 140	8
	DISC LINING			125		70	7,2	M16 x 150	8
CONNECTIONS	TYPE	WAFER		150		76	10	M20 x 160	8
	PN	10 UNI 2277 - DIN 2576							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

R1AEDB

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	S.S. AISI 316		200		89	15,2	M20 x 180	8
	SHAFT	S.S. AISI 316		250		114	28,5	M20 x 210	12
	GASKET	EPDM		300		114	43,5	M20 x 210	12
	ACTUATOR	STAINLESS STEEL		350		127	53	M20 x 220	16
	BODY LINING			400		140	65	M22 x 240	16
	DISC LINING			450		152		M22 x 260	20
CONNECTIONS	TYPE	WAFER							
	PN	10 UNI 2277 - DIN 2576							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	DOUBLE CHECK VALVE					

R1DEDB

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	S.S. AISI 316							
	GASKET	EPDM		40		43	1,2	M16 x 110	4
	AXE	STAINLESS STEEL		50		43	1,4	M16 x 110	4
	BODY LINING			65		46	2,4	M16 x 110	4
	DISC LINING			80		64	3,5	M16 x 130	8
CONNECTIONS	TYPE	WAFER		100		64	5,2	M16 x 140	8
	PN	10 UNI 2277 - DIN 2576		125		70	7,2	M16 x 150	8
	CONTROL COUPLING			150		76	10	M20 x 160	8
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


R1DEDB

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	S.S. AISI 316							
	GASKET	EPDM		200		89	15,2	M20 x 180	8
	ACTUATOR	STAINLESS STEEL		250		114	28,5	M20 x 210	12
	BODY LINING			300		114	43,5	M20 x 210	12
	DISC LINING			350		127	53	M20 x 220	16
CONNECTIONS	TYPE	WAFER		400		140	65	M22 x 240	16
	PN	10 UNI 2277 - DIN 2576		450		152		M22 x 260	20
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	DOUBLE CHECK VALVE					

R1SEDC

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40		40		43	1,2	M16 x 110	4
	SHAFT	S.S. AISI 316		50		43	1,4	M16 x 110	4
	GASKET	EPDM		65		46	2,4	M16 x 110	4
	AXE	STAINLESS STEEL		80		64	3,5	M16 x 130	8
	BODY LINING			100		64	5,2	M16 x 140	8
	DISC LINING			125		70	7,2	M16 x 150	8
CONNECTIONS	TYPE	WAFER		150		76	10	M20 x 160	8
	PN	16 UNI 2278 - DIN 2577							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


R1SEDC

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	SPHEROIDAL CAST IRON GGG40		200		89	15,2	M20 x 180	12
	SHAFT	S.S. AISI 316		250		114	28,5	M22 x 220	12
	GASKET	EPDM		300		114	43,5	M22 x 220	12
	ACTUATOR	STAINLESS STEEL		350		127	53	M22 x 240	16
	BODY LINING			400		140	65	M27 x 260	16
	DISC LINING			450		152		M27 x 280	20
CONNECTIONS	TYPE	WAFER							
	PN	16 UNI 2278 - DIN 2577							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

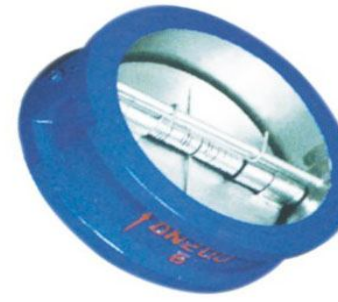
CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	DOUBLE CHECK VALVE					

R1AEDC

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	S.S. AISI 316		40		43	1,2	M16 x 110	4
	SHAFT	S.S. AISI 316		50		43	1,4	M16 x 110	4
	GASKET	EPDM		65		46	2,4	M16 x 110	4
	AXE	STAINLESS STEEL		80		64	3,5	M16 x 130	8
	BODY LINING			100		64	5,2	M16 x 140	8
	DISC LINING			125		70	7,2	M16 x 150	8
CONNECTIONS	TYPE	WAFER		150		76	10	M20 x 160	8
	PN	16 UNI 2278 - DIN 2577							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

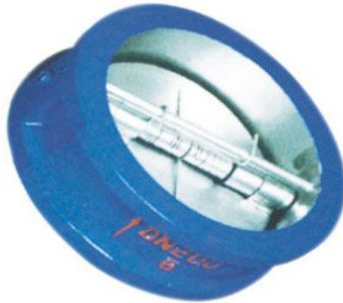
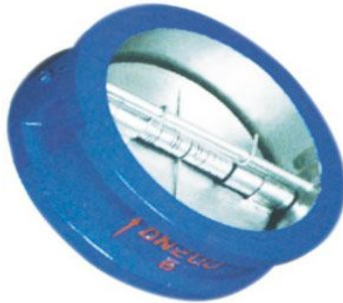
R1AEDC

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	S.S. AISI 316		200		89	15,2	M20 x 180	12
	SHAFT	S.S. AISI 316		250		114	28,5	M22 x 220	12
	GASKET	EPDM		300		114	43,5	M22 x 220	12
	ACTUATOR	STAINLESS STEEL		350		127	53	M22 x 240	16
	BODY LINING			400		140	65	M27 x 260	16
	DISC LINING			450		152		M27 x 280	20
CONNECTIONS	TYPE	WAFER							
	PN	16 UNI 2278 - DIN 2577							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+120°C							
	MIN TEMPERATURE	- 15°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.



CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	DOUBLE CHECK VALVE					

R1DEDC

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	S.S. AISI 316							
	GASKET	EPDM							
	AXE	STAINLESS STEEL							
	BODY LINING								
	DISC LINING								
CONNECTIONS	TYPE	WAFER		40		43	1,2	M16 x 110	4
	PN	16 UNI 2278 - DIN 2577		50		43	1,4	M16 x 110	4
	CONTROL COUPLING			65		46	2,4	M16 x 110	4
TECHNICAL DATA	MAX TEMPERATURE	+120°C		80		64	3,5	M16 x 130	8
	MIN TEMPERATURE	- 15°C		100		64	5,2	M16 x 140	8
	DIMENSIONS	ISO 5752/20		125		70	7,2	M16 x 150	8
	STANDARD	CE / DIN / UNI		150		76	10	M20 x 160	8
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

R1DEDC

MATERIALS	BODY	CAST IRON GG25		DN	C _v	Thickness mm	WEIGHT kg	Bolt Dimension	Nr
	DISC	BRONZE (ALUMINIUM BRONZE)							
	SHAFT	S.S. AISI 316							
	GASKET	EPDM							
	ACTUATOR	STAINLESS STEEL							
	BODY LINING								
	DISC LINING								
CONNECTIONS	TYPE	WAFER		200		89	15,2	M20 x 180	12
	PN	16 UNI 2278 - DIN 2577		250		114	28,5	M22 x 220	12
	CONTROL COUPLING			300		114	43,5	M22 x 220	12
TECHNICAL DATA	MAX TEMPERATURE	+120°C		350		127	53	M22 x 240	16
	MIN TEMPERATURE	- 15°C		400		140	65	M27 x 260	16
	DIMENSIONS	ISO 5752/20		450		152		M27 x 280	20
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	BALL CHECK VALVE					

R2LOPB

MATERIALS	BODY	CAST IRON		DN	C _v	Length mm	WEIGHT kg	Bolt dimension	Nr
	BALL	ALUMINIUM + RUBBER		50		200	7,7	M16 x 60	8
	BONNET	CAST IRON		65		240	11,2	M16 x 60	8
	GASKET	NBR		80		260	15,4	M16 x 70	16
	BOLT	STAINLESS STEEL		100		300	21,7	M16 x 70	16
	BODY LINING	EPOX PAINT		125		350	33	M16 x 75	16
	DISC LINING			150		400	45,3	M20 x 80	16
CONNECTIONS	TYPE	FLANGES							
	PN	10 UNI 2277 - DIN 2576							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+80°C							
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


R2LOPB

MATERIALS	BODY	CAST IRON		DN	C _v	Length mm	WEIGHT kg	Bolt dimension	Nr
	BALL	ALUMINIUM + RUBBER		200		500	90	M20 x 85	16
	BONNET	CAST IRON		250		600	163	M20 x 90	24
	GASKET	NBR		300		700	230	M20 x 90	24
	BOLT	STAINLESS STEEL							
	BODY LINING	EPOX PAINT							
	DISC LINING								
CONNECTIONS	TYPE	FLANGES							
	PN	10 UNI 2277 - DIN 2576							
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+80°C							
	MIN TEMPERATURE	- 10°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	EXPANSION JOINT					

G1AEOB

MATERIALS	FLANGES	GALVANIZED CARBON STEEL		DN		Length mm	WEIGHT kg	Bolt dimension	Nr
	JOINT	EPDM		32		95	3	M16 x 60	8
	STROKE LIMITER	NO		40		95	3,5	M16 x 60	8
				50		105	3,9	M16 x 65	8
				65		115	5,5	M16 x 65	8
CONNECTIONS	TYPE	FLANGES		80		130	6,5	M16 x 70	16
	PN	10 UNI 2277 - DIN 2576		100		135	7	M16 x 75	16
	CONTROL COUPLING			125		170	11	M16 x 80	16
TECHNICAL DATA	MAX TEMPERATURE	+90°C		150		180	14	M20 x 85	16
	MIN TEMPERATURE	+ 5°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

G1AEOB

MATERIALS	FLANGES	GALVANIZED CARBON STEEL		DN		Length mm	WEIGHT kg	Bolt dimension	Nr
	JOINT	EPDM		200		205	20,9	M20 x 90	16
	STROKE LIMITER	NO		250		240	25	M20 x 90	24
				300		260	38,2	M20 x 90	24
				350		265	50	M20 x 95	32
CONNECTIONS	TYPE	FLANGES		400		265	60	M22 x 100	32
	PN	10 UNI 2277 - DIN 2576		450		265	70	M22 x 100	40
	CONTROL COUPLING			500		265	88,6	M22 x 110	40
TECHNICAL DATA	MAX TEMPERATURE	+90°C		600		254	95	M27 x 120	40
	MIN TEMPERATURE	+ 5°C							
	DIMENSIONS	ISO 5752/20							
	STANDARD	CE / DIN / UNI							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	STRAINER					

S1AAOB

MATERIALS	FLANGES	GALVANIZED CARBON STEEL		DN		Length mm	WEIGHT kg	Bolt dimension	Nr
	STRAINER SHEET	GALVANIZED CARBON STEEL		50		80	2,15	M16 x 65	4
				65		100	2,93	M16 x 65	4
				80		120	3,99	M16 x 70	8
				100		150	5,81	M16 x 75	8
CONNECTIONS	TYPE	FLANGES		125		175	7,00	M16 x 80	8
	PN	10 UNI 2277 - DIN 2576		150		200	9,50	M20 x 85	8
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+100°C							
	MIN TEMPERATURE	- 20°C							
	HOLES DIMENSION	10mm							
	STANDARD	CE / DIN / UNI							
	HOLES SURFACE	3 X DN PIPE VOLUME							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

S1AAOB

MATERIALS	FLANGES	GALVANIZED CARBON STEEL		DN		Length mm	WEIGHT kg	Bolt dimension	Nr
	STRAINER SHEET	GALVANIZED CARBON STEEL		200		250	20,00	M20 x 90	8
				250		300	25,00	M20 x 90	12
				300		350	36,5	M20 x 90	12
				350		400	55	M20 x 95	16
CONNECTIONS	TYPE	FLANGES		400		450	75,5	M22 x 100	16
	PN	10 UNI 2277 - DIN 2576		450				M22 x 100 ✕	20
	CONTROL COUPLING			500				M22 x 110 ✕	20
TECHNICAL DATA	MAX TEMPERATURE	+100°C		600				M27 x 120 ✕	20
	MIN TEMPERATURE	- 20°C		700				M27 x 120 ✕	24
	HOLES DIMENSION	10mm		800				M30 x 120 ✕	24
	STANDARD	CE / DIN / UNI							
	HOLES SURFACE	3 X DN PIPE VOLUME							
MANUFACTURER:		MODEL:		(✕) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	VALVE DATASHEET					
TYPE	STRAINER					

S1XXOB

MATERIALS	FLANGES	STAINLESS STEEL AISI 316		DN		Length mm	WEIGHT kg	Bolt dimension	Nr
	STRAINER SHEET	STAINLESS STEEL AISI 316		50		80	2,15	M16 x 65	4
				65		100	2,93	M16 x 65	4
				80		120	3,99	M16 x 70	8
				100		150	5,81	M16 x 75	8
CONNECTIONS	TYPE	FLANGES		125		175	7,00	M16 x 80	8
	PN	10 UNI 2277 - DIN 2576		150		200	9,50	M20 x 85	8
	CONTROL COUPLING								
TECHNICAL DATA	MAX TEMPERATURE	+100°C							
	MIN TEMPERATURE	- 20°C							
	HOLES DIMENSION	10mm							
	STANDARD	CE / DIN / UNI							
	HOLES SURFACE	3 X DN PIPE VOLUME							
MANUFACTURER:		MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


S1XXOB

MATERIALS	FLANGES	STAINLESS STEEL AISI 316		DN		Length mm	WEIGHT kg	Bolt dimension	Nr
	STRAINER SHEET	STAINLESS STEEL AISI 316		200		250	20,00	M20 x 90	8
				250		300	25,00	M20 x 90	12
				300		350	36,5	M20 x 90	12
				350		400	55	M20 x 95	16
CONNECTIONS	TYPE	FLANGES		400		450	75,5	M22 x 100	16
	PN	10 UNI 2277 - DIN 2576		450				M22 x 100 ✕	20
	CONTROL COUPLING			500				M22 x 110 ✕	20
TECHNICAL DATA	MAX TEMPERATURE	+100°C		600				M27 x 120 ✕	20
	MIN TEMPERATURE	- 20°C		700				M27 x 120 ✕	24
	HOLES DIMENSION	10mm		800				M30 x 120 ✕	24
	STANDARD	CE / DIN / UNI							
	HOLES SURFACE	3 X DN PIPE VOLUME							
MANUFACTURER:		MODEL:		(✕) To be confirmed by supplier.					

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE	GATE VALVE					

A2SECB

MATERIALS	BODY	CAST IRON (SPHEROIDAL)			DN		Length mm	WEIGHT kg	Bolt dimension	Nr
	CORE	CAST IRON (SPHEROIDAL)			40		140	11	M16 x 60	8
	STEM	STAINLESS STEEL AISI 420			50		150	12	M16 x 65	8
	GASKET	EPDM			65		170	19	M16 x 65	8
	HANDWHEEL	CAST IRON (SPHEROIDAL)			80		180	22	M16 x 70	8
	BODY LINING	EPOX PAINT			100		190	29	M16 x 75	16
	WEDGE LINING	EPDM			125		200	40	M16 x 80	16
CONNECTIONS	TYPE	FLANGES		150		210	53	M20 x 85	16	
	PN	10 UNI 2277 - DIN 2576								
	COUPLING	UNI-DIN / EN1092-2								
TECHNICAL DATA	MAX TEMPERATURE	+85°C								
	MIN TEMPERATURE	- 10°C								
	DIMENSIONS	ISO 5752/20								
	STANDARD	CE / DIN / UNI		OPERATING PRESSURE = 6 bar (MAX 120 °C)						
MANUFACTURER:			MODEL:							

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


A2SECB

MATERIALS	BODY	CAST IRON (SPHEROIDAL)		DN		Length mm	WEIGHT kg	Bolt Dimension	Nr								
	CORE	CAST IRON (SPHEROIDAL)		200		230	83	M20 x 90	16								
	STEM	STAINLESS STEEL AISI 420		250		250	120	M20 x 90	24								
	GASKET	EPDM		300		270	170	M20 x 90	24								
	HANDWHEEL	CAST IRON (SPHEROIDAL)		350		290	205	M20 x 95	32								
	BODY LINING	EPOX PAINT		400		310	260	M22 x 100	32								
	WEDGE LINING	EPDM		450		330	320	M22 x 100	40								
CONNECTIONS	TYPE	FLANGES		500		350	410	M22 x 110	40								
	PN	10 UNI 2277 - DIN 2576		600		390	680	M27 x 120	40								
	COUPLING	UNI-DIN / EN1092-2		700		430	840	M27 x 120	48								
TECHNICAL DATA	MAX TEMPERATURE	+85°C		OPERATING PRESSURE DN 200 ÷ 300 = 6 bar (MAX 120 °C)													
	MIN TEMPERATURE	- 10°C									OPERATING PRESSURE DN 350 ÷ 700 = 3,2 bar (MAX 120 °C)						
	DIMENSIONS	ISO 5752/20															
	STANDARD	CE / DIN / UNI															
MANUFACTURER:		MODEL:															

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.


CLIENT			SITE		JOB	
PLANT			REV	DATE	FROM	DESCR
TITLE	MANUAL VALVE DATASHEET					
TYPE						

A2SECD


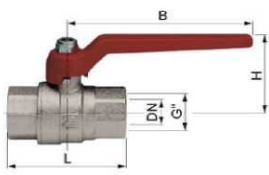
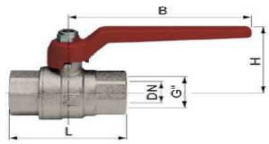
MATERIALS	BODY	CAST IRON (SPHEROIDAL)			DN		Length mm	WEIGHT kg	Stud Bolt dimension	Nr
	CORE	CAST IRON (SPHEROIDAL)			1 1/2"		140	11	1/2" x 75	8
	STEM	STAINLESS STEEL AISI 420			2"		150	12	5/8" x 90	8
	GASKET	EPDM			2 1/2"		170	19	5/8" x 100	8
	HANDWHEEL	CAST IRON (SPHEROIDAL)			3"		180	22	5/8" x 100	8
	BODY LINING	EPOX PAINT			4"		190	29	5/8" x 100	16
	WEDGE LINING	EPDM			5"		200	40	3/4" x 110	16
CONNECTIONS	TYPE	FLANGES		6"		210	53	3/4" x 110	16	
	ASME (ex ANSI)	ASME B16,5 - Class 150 lb (ex ANSI)								
	COUPLING	UNI-DIN / EN1092-2								
TECHNICAL DATA	MAX TEMPERATURE	+85°C								
	MIN TEMPERATURE	- 10°C								
	DIMENSIONS	ISO 5752/20								
	STANDARD	ASME (ex ANSI) / ISO								
OPERATING PRESSURE = 6 bar (MAX 120 °C)										
MANUFACTURER:										
MODEL:										

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

A2SECD

MATERIALS	BODY	CAST IRON (SPHEROIDAL)			DN		Length mm	WEIGHT kg	Stud Bolt dimension	Nr
	CORE	CAST IRON (SPHEROIDAL)			8"		230	83	3/4" x 120	16
	STEM	STAINLESS STEEL AISI 420			10"		250	120	7/8" x 130	24
	GASKET	EPDM			12"		270	170	7/8" x 130	24
	HANDWHEEL	CAST IRON (SPHEROIDAL)			14"		290	205	1" x 150	24
	BODY LINING	EPOX PAINT			16"		310	260	1" x 150	32
	WEDGE LINING	EPDM			18"		330	320	1.1/8" x 170	32
CONNECTIONS	TYPE	FLANGES		20"		350	410	1.1/8" x 180	40	
	ASME (ex ANSI)	ASME B16,5 - Class 150 lb (ex ANSI)		24"		390	680	1.1/4" x 200	40	
	COUPLING	UNI-DIN / EN1092-2		ASME B 16.47 Class 150 (ex ANSI)						
TECHNICAL DATA	MAX TEMPERATURE	+85°C		28"		430	840	1.1/4" x 240 x	56	
	MIN TEMPERATURE	- 10°C		OPERATING PRESSURE DN 8" ÷ 12" = 6 bar (MAX 120 °C)						
	DIMENSIONS	ISO 5752/20		OPERATING PRESSURE DN 14" ÷ 28" = 3,2 bar (MAX 120 °C)						
	STANDARD	ASME (ex ANSI) / ISO								
MANUFACTURER:		MODEL:								

REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.

	CLIENT		SITE		JOB										
	PLANT		REV	DATE	FROM	DESCR									
	WATER TREATMENT PLANT		A	16/10/2006	SIDID	FIRST ISSUE									
	TITLE														
VALVE DATASHEET															
TYPE															
BALL VALVE															
B4TPLB															
MATERIALS	BODY	BRASS NICHEL PLATED													
	BALL	BRASS NICHEL PLATED													
	SHAFT	BRASS NICHEL PLATED													
	GASKET	PTFE													
	LEVER	ALUMINIUM													
	BODY LINING	---													
CONNECTIONS	TYPE	THREADED F/F													
	PN	10													
	COUPLING	DIN 2999													
TECHNICAL DATA	MAX TEMPERATURE	+80°C													
	MIN TEMPERATURE	- 10°C													
	DIMENSIONS	---													
	STANDARD	CE / DIN / UNI													
CONSTRUCTION TYPE		2 PIECES													
MANUFACTURER:		MODEL:													
REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.															
G"	DN	L	H	B	kv[m³/h]	[kg]									
1/4"	10	47,5	39,5	80	5,9	0,12									
3/8"	10	49,5	39,5	80	9,4	0,14									
1/2"	15	65	41,5	95	17	0,25									
3/4"	20	73,5	51	115	41	0,38									
1	25	86,5	55	115	70	0,61									
1 ¼	32	102	64,5	130	121	1,01									
1 ½	40	112	75,5	150	200	1,58									
2	50	133	87,5	170	292	2,68									
2 ½	65	158	108	170	535	3,73									
3	80	183	119,5	235	850	5,77									
4	100	219	142	235	1360	10,83									
B4TPLC															
MATERIALS	BODY	BRASS NICHEL PLATED													
	BALL	BRASS NICHEL PLATED													
	SHAFT	BRASS NICHEL PLATED													
	GASKET	PTFE													
	LEVER	ALUMINIUM													
	BODY LINING	---													
CONNECTIONS	TYPE	THREADED F/F													
	PN	16													
	COUPLING	DIN 2999													
TECHNICAL DATA	MAX TEMPERATURE	+75°C (DN200) - 150°													
	MIN TEMPERATURE	- 10°C													
	DIMENSIONS	---													
	STANDARD	CE / DIN / UNI													
CONSTRUCTION TYPE		2 PIECES													
MANUFACTURER:		MODEL:													
REMARK: THE FOLLOWING ARE TYPICAL DIMENSIONS OF COMMERCIAL VALVES - THE RIGHT DIMENSIONS ARE IN THE MANUFACTURER MANUAL.															
G"	DN	L	H	B	kv[m³/h]	[kg]									
1/4"	10	47,5	39,5	80	5,9	0,12									
3/8"	10	49,5	39,5	80	9,4	0,14									
1/2"	15	65	41,5	95	17	0,25									
3/4"	20	73,5	51	115	41	0,38									
1	25	86,5	55	115	70	0,61									
1 ¼	32	102	64,5	130	121	1,01									
1 ½	40	112	75,5	150	200	1,58									
2	50	133	87,5	170	292	2,68									
2 ½	65	158	108	170	535	3,73									
3	80	183	119,5	235	850	5,77									
4	100	219	142	235	1360	10,83									