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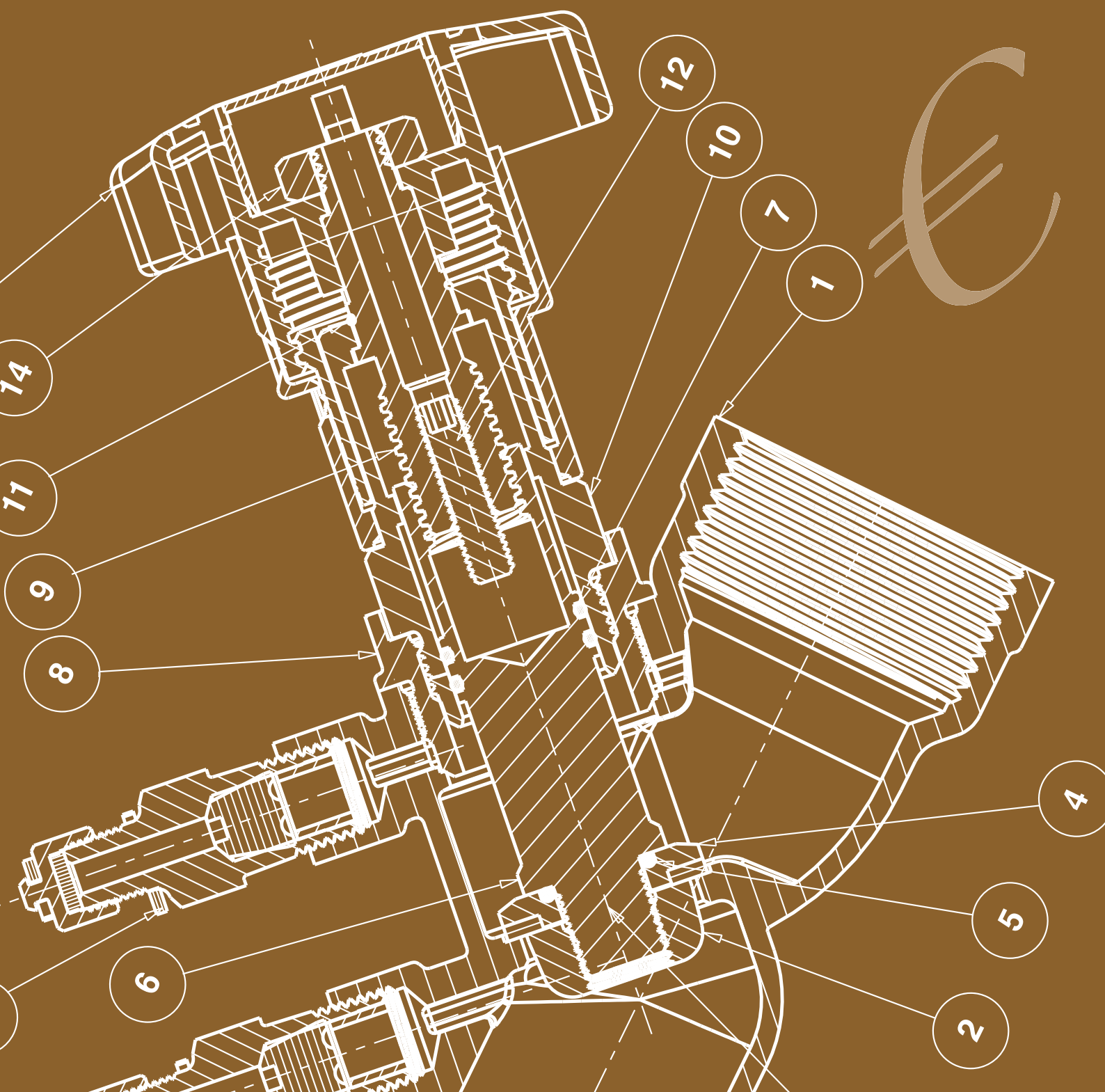


VIR Valvoindustria Ing. Rizzio s.p.a.

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Export Pricelist





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STATIC BALANCING VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
90BY  90BY- Ver.40mm  90BY- Ver.80mm	Double ball valve solution Threaded F/F/F/F union ends (ISO 228/1) Other connections (thr. M, ISO 7/1 Rp) or combin. On request Chrome-plated DZR brass balls, Blow-out proof stems PTFE Seats, EPDM Perox O-ring 40mm or 80mm center to center versions Working conditions: Water: 0°C to +130°C	PN25	40mm					
			Version with 4 unions					
			F90BY0015.2256	015 - 1/2"		1	1050	1,1
			F90BY0020.2256	020 - 3/4"		1	1170	1,2
			with 2 unions and 2 fixed ends					
			F90BY0015	015 - 1/2"		1	795	0,8
			F90BY0020	020 - 3/4"		1	850	0,9
			80mm					
			Version with 4 unions					
			F90BY0020.2257	020 - 3/4"		1	1950	2,0
9505 	Variable orifice bronze double reg. valve Threaded F/F (ISO 228/1) Bronze body, inner components and test points in DZR brass PTFE disc gasket, EPDM Perox O-rings ABS handwheel, blue color Valve supplied with allen key for setting Working conditions: -10°C to +130°C	PN25	F9505B010.946	010 - 3/8"		15	474	7,1
			F9505B015.946	015 - 1/2"		15	552	8,3
			F9505B020.946	020 - 3/4"		15	586	8,8
			F9505B025.946	025 - 1"		10	734	7,3
			F9505B032.946	032 - 1 1/4"		10	1110	11,1
			F9505B040.946	040 - 1 1/2"		8	1504	12,0
			F9505B050.946	050 - 2"		5	2010	10,1
			Not available in the Middle East					
9508 	Variable orifice bronze double reg. valve Threaded F/F (ISO 228/1) Bronze body, inner components and test points in DZR brass PTFE disc gasket, EPDM Perox O-rings ABS handwheel, blue color - Top reading Valve supplied with allen key for setting Working conditions: -10°C to +130°C	PN25	F9508B010.946	010 - 3/8"		15	474	7,1
			F9508B015.946	015 - 1/2"		15	552	8,3
			F9508B020.946	020 - 3/4"		15	586	8,8
			F9508B025.946	025 - 1"		10	734	7,3
			F9508B032.946	032 - 1 1/4"		10	1110	11,1
			F9508B040.946	040 - 1 1/2"		8	1504	12,0
			F9508B050.946	050 - 2"		5	2010	10,1
9515 	Fixed orifice DZR brass double reg. valve Threaded F/F (ISO 228/1 for DN15/20, ISO7/1 Rp above) Body, inner components and test points in DZR brass PTFE disc gasket, EPDM Perox O-rings ABS handwheel, blue color Valve supplied with allen key for setting DN15 also for low (L2), very low (L3) or ultra low flows (L4) Working conditions: -10°C to +130°C	PN25	F95V04015.1094	015_{L4} - 1/2"		15	558	8,4
			F95V03015.1094	015_{L3} - 1/2"		15	558	8,4
			F95V02015.1094	015_{L2} - 1/2"		15	556	8,3
			F95V01015.1094	015 - 1/2"		15	550	8,3
			F95V01020.1094	020 - 3/4"		10	620	6,2
			F95V01025.870	025 - 1"		10	751	7,5
			F95V01032.870	032 - 1 1/4"		8	1191	9,5
			F95V01040.870	040 - 1 1/2"		6	1446	8,7
			F95V01050.870	050 - 2"		5	2064	10,3
			Also available with drain device on high pressure test point (Fig. 9516)					
9585 	Fixed orifice bronze double reg. valve Threaded F/F (ISO 228/1 for DN15/20, ISO7/1 Rp above) Body, inner components and test points in DZR brass PTFE disc gasket, EPDM Perox O-rings ABS handwheel, blue color Valve supplied with allen key for setting DN15 also for low (L2), very low (L3) or ultra low flows (L4) Working conditions: -10°C to +130°C	PN25	F95Z04015.2039	015_{L4} - 1/2"		15	575	8,6
			F95Z03015.2039	015_{L3} - 1/2"		15	575	8,6
			F95Z02015.2039	015_{L2} - 1/2"		15	570	8,6
			F95Z01015.2039	015 - 1/2"		15	565	8,5
			F95Z01020.2039	020 - 3/4"		10	640	6,4
			F95Z01025.2033	025 - 1"		10	780	7,8
			F95Z01032.2033	032 - 1 1/4"		8	1270	10,2
			F95Z01040.2033	040 - 1 1/2"		6	1570	9,4
			F95Z01050.2033	050 - 2"		5	2180	10,9
			Also available with drain device on high pressure test point (Fig. 9586)					



STATIC BALANCING VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
Shells 	Shells for balancing valves Polyethylene cross linked foam Thickness 30mm Thermal conductivity (Lambda factor, kcal/mh°C): 0,0298 at 0°C, 0,0303 at 10°C, 0,0326 at 40°C Working conditions: -60°C to +90°C		KSHFIG015.1976	015 - 1/2"		1	30	0,0
			KSHFIG020.1976	020 - 3/4"		1	30	0,0
			KSHFIG025.1976	025 - 1"		1	30	0,0
			KSHFIG032.1976	032 - 1 1/4"		1	80	0,1
			KSHFIG040.1976	040 - 1 1/2"		1	80	0,1
			KSHFIG050.1976	050 - 2"		1	80	0,1
			KSHFIG065.1976	065 - 2 1/2"		1	130	0,1
			KSHFIG080.1976	080 - 3"		1	200	0,2
			KSHFIG100.1976	100 - 4"		1	320	0,3
			KSHFIG125.1976	125 - 5"		1	500	0,5
			KSHFIG150.1976	150 - 6"		1	700	0,7
			KSHFIG200.1976	200 - 8"		1	1200	1,2
			KSHFIG250.1976	250 - 10"		1	2000	2,0
			KSHFIG300.1976	300 - 12"		1	2800	2,8
			Fig. 9505/9555P: KSH950xxx.1976. Fig. 9515: KSH95Vxxx.1976					
9525/9535 	DZR Brass ON/OFF Terminal Balancing Valve Threaded F/F (ISO 228/1) Body, inner components, test points and drain in DZR brass Disc gasket and O-rings in EPDM Perox Polypropylene/polyamide regulation indicators ABS ON/OFF cap, blue color DN15 also in low flow versions (15 _{LF}) Working conditions: -10°C to +130°C	PN20	9525					
			F95E0L015.1934	015 _{LF} - 1/2"		20	330	6,6
			F95E00015.1934	015 - 1/2"		20	340	6,8
			F95E00020.1934	020 - 3/4"		20	455	9,1
			F95E00025.1934	025 - 1"		12	620	7,4
			9535					
			F95EBL015.2028	015 _{LF} - 1/2"		20	350	7,0
			F95EB0015.2028	015 - 1/2"		20	390	7,8
			F95EB0020.2028	020 - 3/4"		20	510	10,2
			F95EB0025.2028	025 - 1"		12	650	7,8
VAURIEN I & II 	Electric actuator with wax element Supply voltage: 24VAC or 230VAC Threaded nut with fast connection specific for 9525 Enclosure protection: IP54 2 points control Stroke time: about 3 to 5 minutes Normally open ver. opened by spring and closed by wax Normally closed ver. closed by spring and opened by wax		230VAC ver., normally close					
			KA952AT00.800	015 - 020		1	100	0,1
			KA952AT05.800	025		1	110	0,1
			230VAC ver., normally open					
			KA952AT01.800	015 - 020		1	100	0,1
			KA952AT06.800	025		1	110	0,1
			24VAC ver., normally close					
			KA952AT02.800	015 - 020		1	100	0,1
			KA952AT07.800	025		1	110	0,1
			24VAC ver., normally open					
			KA952AT03.800	015 - 020		1	100	0,1
			KA952AT08.800	025		1	110	0,1
9555P 	Cast iron double reg. valve with test points Flanged PN16 (EN1092-2) Cast Iron body Brass inner components, EPDM O-ring gaskets Composite material regulating disc Poliamid handwheel Supplied with 2 test points in DZR brass (unmounted) Working conditions: -10°C to +120°C	PN16	F9500I065.1959	065 - 2 1/2"		1	13464	13,5
			F9500I080.1959	080 - 3"		1	17864	17,9
			F9500I100.1959	100 - 4"		1	22764	22,8
			F9500I125.1959	125 - 5"		1	34064	34,1
			F9500I150.1959	150 - 6"		1	48564	48,6
			F9500I200.1959	200 - 8"		1	114564	114,6
			F9500I250.1959	250 - 10"		1	159064	159,1
			F9500I300.1959	300 - 12"		1	210564	210,6
9565P 	Cast iron balancing valve with orifice plate Flanged PN16 (EN1092-2) Cast Iron body Brass inner components, EPDM O-ring gaskets Composite material regulating disc Poliamid handwheel Supplied with SS316 stainless steel orifice plate Working conditions: -10°C to +120°C	PN16	9555P+9450	065 - 2 1/2"		1	14868	14,9
			9555P+9450	080 - 3"		1	19562	19,6
			9555P+9450	100 - 4"		1	24667	24,7
			9555P+9450	125 - 5"		1	36560	36,6
			9555P+9450	150 - 6"		1	51450	51,5
			9555P+9450	200 - 8"		1	118640	118,6
			9555P+9450	250 - 10"		1	164350	164,4
			9555P+9450	300 - 12"		1	217330	217,3
			Use code of fig. 9555P + 9450					



STATIC BALANCING VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
9550T	Cast iron balancing valve	PN16	F9500I350.1556	350 - 14"		1	535000	535,0
			F9500I400.1556	400 - 16"		1	765000	765,0
	Flanged PN16 (EN1092-2) Cast iron body, steel plug Graphite bonnet and stem gaskets Stainless steel stem Working conditions: -10°C to +200°C							
9565XL	Commissioning Kit	PN10	4325G+9450	350 - 14"		1	92300	92,3
			4325G+9450	400 - 16"		1	152200	152,2
			4325G+9450	450 - 18"		1	175700	175,7
			4325G+9450	500 - 20"		1	247600	247,6
			4325G+9450	600 - 24"		1	350500	350,5
			4325G+9450	700 - 28"		1	0	0,0
			4325G+9450	800 - 32"		1	0	0,0
			4325G+9450	900 - 36"		1	0	0,0
			4325G+9450	1000 - 40"		1	0	0,0
	Lug ductile iron GGG40 butterfly valve Disc and stem in SS316 stainless steel EPDM seats, EPDM O-ring, PTFE bushings Supplied with wafer orifice plate for EN1092 PN16 flanges SS316 stainless steel body (SS304 for DN≥450) Working conditions: 0°C to +120°C							
			Use code of fig. 4325G + 9450					
9557K	Cast iron double reg. valve with test points	PN16	F9500I065.xxx	065 - 2 1/2"		1	15000	15,0
			F9500I080.xxx	080 - 3"		1	19000	19,0
			F9500I100.xxx	100 - 4"		1	26000	26,0
			F9500I125.xxx	125 - 5"		1	40000	40,0
			F9500I150.xxx	150 - 6"		1	50000	50,0
			F9500I200.xxx	200 - 8"		1	114000	114,0
			F9500I250.xxx	250 - 10"		1	165000	165,0
			F9500I300.xxx	300 - 12"		1	215000	215,0
	Flanged PN16 (EN1092-2) Ductile Iron body and disc Bronze inner components EPDM/PTFE gaskets Plastic handwheel Supplied with 2 test points in DZR brass (unmounted) Working conditions: -10°C to +120°C							
9567K	Cast iron balancing valve with orifice plate	PN16	9557K+9450	065 - 2 1/2"		1	16468	16,5
			9557K+9450	080 - 3"		1	20762	20,8
			9557K+9450	100 - 4"		1	27967	28,0
			9557K+9450	125 - 5"		1	42560	42,6
			9557K+9450	150 - 6"		1	52950	53,0
			9557K+9450	200 - 8"		1	118140	118,1
			9557K+9450	250 - 10"		1	170350	170,4
			9557K+9450	300 - 12"		1	221830	221,8
	Flanged PN16 (EN1092-2) Ductile Iron body and disc Bronze inner components EPDM/PTFE gaskets Plastic handwheel Supplied with SS316 stainless steel orifice plate Working conditions: -10°C to +120°C							
			Use code of fig. 9557K + 9450					
9400	DZR brass metering station	PN25	F95MS4015.1096	015₁₄ - 1/2"		25	219	5,5
			F95MS3015.1096	015₁₃ - 1/2"		25	219	5,5
			F95MS2015.1096	015₁₂ - 1/2"		25	217	5,4
			F95MS1015.1096	015 - 1/2"		25	213	5,3
			F95MS1020.1096	020 - 3/4"		25	254	6,4
			F95MS1025.707	025 - 1"		15	353	5,3
			F95MS1032.707	032 - 1 1/4"		15	463	6,9
			F95MS1040.707	040 - 1 1/2"		5	531	2,7
			F95MS1050.707	050 - 2"		5	755	3,8
	Threaded M/F ISO7/1 Rp (F side ISO 228/1 on DN15 and DN20) Body and Venturi insert in DZR brass EPDM/NBR test point gaskets DN15 also for low (L2), very low (L3) or ultra low flows (L4) Working conditions: -10°C to +130°C							



STATIC BALANCING VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
9450 	Stainless steel orifice plate Wafer type suitable for EN1092 PN16 flanges SS304 stainless steel body Supplied with extensions and test points Working conditions: -10°C to +130°C	PN16	F94500065.1073	065 - 2 1/2"		1	1468	1,5
			F94500080.1073	080 - 3"		1	1762	1,8
			F94500100.1073	100 - 4"		1	1967	2,0
			F94500125.1073	125 - 5"		1	2560	2,6
			F94500150.1073	150 - 6"		1	2950	3,0
			F94500200.1073	200 - 8"		1	4140	4,1
			F94500250.1073	250 - 10"		1	5350	5,4
			F94500300.1073	300 - 12"		1	6830	6,8
			F94500350.1073	350 - 14"		1	11000	11,0
			F94500400.1073	400 - 16"		1	14000	14,0
			F94500450.1073	450 - 18"		1	17000	17,0
			F94500500.1073	500 - 20"		1	21000	21,0
			F94500600.1073	600 - 24"		1	35000	35,0
				700 - 28"		1		
				800 - 32"		1		
				900 - 36"		1		
				1000 - 40"		1		
9595 	Stainless steel balancing ball valve Flanged PN40 for DN≤50, PN16 above (EN1092-1) Body and shaped ball in stainless steel SS316 FPM stem seal, PTFE seats PN25 for DN≥65 Working conditions: -30°C to 200°C	PN40	F95950020.1775	020 - 3/4"		1	2600	2,6
			F95950025.1775	025 - 1"		1	3100	3,1
			F95950032.1775	032 - 1 1/4"		1	4700	4,7
			F95950040.1775	040 - 1 1/2"		1	5900	5,9
			F95950050.1775	050 - 2"		1	7600	7,6
			F95950065.1775	065 - 2 1/2"		1	9800	9,8
			F95950080.1775	080 - 3"		1	11300	11,3
			F95950100.1775	100 - 4"		1	15000	15,0
			F95950125.1775	125 - 5"		1	22000	22,0
			F95950150.1775	150 - 6"		1	30400	30,4
			F95950200.1775	200 - 8"		1	51000	51,0
9594 	Stainless steel balancing ball valve Welding ends Body and shaped ball in stainless steel SS316 FPM stem seal, PTFE seats PN25 for DN≥65 Working conditions: -30°C to 200°C	PN40	F95940020.1215	020 - 3/4"		1	900	0,9
			F95940025.1215	025 - 1"		1	1100	1,1
			F95940032.1215	032 - 1 1/4"		1	1300	1,3
			F95940040.1215	040 - 1 1/2"		1	2100	2,1
			F95940050.1215	050 - 2"		1	2600	2,6
			F95940065.1215	065 - 2 1/2"		1	4300	4,3
			F95940080.1215	080 - 3"		1	5200	5,2
			F95940100.1215	100 - 4"		1	7200	7,2
			F95940125.1215	125 - 5"		1	11500	11,5
			F95940150.1215	150 - 6"		1	16400	16,4
			F95940200.1215	200 - 8"		1	36000	36,0
9315 	Test point with drain Threaded M 1/4" ISO 7/1 R Built in DZR brass		KDV950008.1151	008 - 1/4"		40	160	6,4
95TP 	Pressure test points Threaded M 1/4" ISO 7/1 R Built in DZR brass		Version with blue tag					
			KC95TP008.710	008 - 1/4"		10	32	0,3
			Version with red tag					
			KC95TP008.711	008 - 1/4"		10	32	0,3
			With extension (blue tag)					
			KPR95AS08.1479	008 - 1/4"		10	85	0,9
			With extension (red tag)					
			KPR95AS08.1478	008 - 1/4"		10	85	0,9



STATIC BALANCING VALVES

Family code	Specifications	PN	VIR code	Size mm - inches	Price €	Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
T550F	Flow and pressure digital measuring cpu		KMMMAND02.720	T550F		1	1800	1.8
	Supplied with PC data storage software Portable battery power supply integral pressure measuring sensor 1200 valve type storage capacity 20000 data entry capacity 1000 Kpa pressure range Working conditions: 0°C to 90°C		Spare measuring needles for VIR test points					
			KMM2AGO00.1451	-		1	279	0,3
T900	Flow and pressure digital measuring cpu		Sensor only					
	Supplied with PC data storage software 1000 Kpa pressure range Working conditions: -30°C to 120°C (Fluid) 0°C to 40°C (Ambient)		KMMMNDT03.1600	T900		1	2900	2,9
			Spare measuring needles for VIR test points					
			KMM2AGO00.1451	-		1	279	0,3
SBS5000 radio version for proportional balancing available on request								



DYNAMIC BALANCING VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (n)	Wgt per carton (Kg)
9900P 	Automatic Balancing valve Threaded F/F union ends (ISO 7/1 Rp) With metallic cartridges from 0,02l/s to 6,6l/s 2 available ΔP ranges (up to max 440kPa depending on DN) DZR brass body and cartridge Working conditions: -10°C to +130°C Add cartridge	PN25	9900P					
			F990P0015.2281	015 - 1/2"		1	325	0,3
			F990P0H15.2281	H015 - H 1/2"		1	554	0,6
			F990P0L20.2281	020_{LF} - 3/4"		1	400	0,4
			F990P0020.2281	020 - 3/4"		1	554	0,6
			F990P0025.2281	025 - 1"		1	686	0,7
			F990P0032.2281	032 - 1 1/4"		1	1739	1,7
			F990P0040.2281	040 - 1 1/2"		1	1763	1,8
			F990P0050.2281	050 - 2"		1	2273	2,3
9905V 	Automatic Balancing valve Threaded F/F union ends (ISO 7/1 Rp) With metallic cartridges from 0,02l/s to 6,6l/s 2 available ΔP ranges (up to max 440kPa depending on DN) DZR brass body and cartridge With test points Working conditions: -10°C to +130°C Add cartridge	PN25	9905V					
			F990V5015.1904	015 - 1/2"		1	376	0,4
			F990V5H15.1904	020_{LF} - 3/4"		1	449	0,4
			F990V5L20.1904	020 - 3/4"		1	473	0,5
			F990V5020.1904	025 - 1"		1	595	0,6
			F990V5025.1904	032 - 1 1/4"		1	1510	1,5
			F990V5032.1904	040 - 1 1/2"		1	1486	1,5
			F990V5040.1904	050 - 2"		1	2020	2
			F990V5H50.1904	050_{HF} - 2"		1	3706	4
			F990V5065.1904	065 - 2 1/2"		1	3686	4
9920/9925 	Automatic Balancing valve Threaded F/F union ends (ISO 7/1 Rp) With metallic cartridges from 0,02l/s to 0,95l/s 2 available ΔP ranges (up to max 440kPa depending on DN) DZR brass body and cartridge May be used with Varuien actuator on/off function Working conditions: -10°C to +130°C Add cartridge	PN25	9920					
			F99T00015.2164	015 - 1/2"		1	613	0,6
			F99T00H15.2234	015HF - 1/2"		1	831	0,8
			F99T00L20.2164	020_{LF} - 3/4"		1	663	0,7
			F99T00020.2164	020 - 3/4"		1	845	0,8
			F99T00025.2164	025 - 1"		1	965	1,0
			9925					
			F99T50015.2358	015 - 1/2"		1	677	0,7
			F99T50H15.2359	015HF - 1/2"		1	895	0,9
			F99T50L20.2358	020_{LF} - 3/4"		1	727	0,7
			F99T50020.2359	020 - 3/4"		1	909	0,9
			F99T50025.2359	025 - 1"		1	1029	1,0
9955V 	Ductile iron dynamic balancing valve Wafer type suitable for EN1092 PN16 flanges With metallic cartridges from 1,6l/s to 6,6l/s Multi cartridge system for valves DN100 and above With extended test points Working conditions: -10°C to +130°C Add cartridge 065 - 080: 1 cartridge 100: 1-2 cartridges 125: 1-3 cartridges 150: 1-4 cartridges 200: 1-7 cartridges 250: 1-9 cartridges 300: 1-14 cartridges 350: 1-19 cartridges 400: 1-26 cartridges 450: 1-31 cartridges 500: 1-37 cartridges 600: 1-55 cartridges	PN16	F995V0065.xxx	065 - 2 1/2"		1	3950	4,0
			F995V0080.xxx	080 - 3"		1	4890	4,9
			F995V0100.xxx	100 - 4"		1	7720	7,7
			F995V0125.xxx	125 - 5"		1	10300	10,3
			F995V0150.xxx	150 - 6"		1	12200	12,2
			F995V0200.xxx	200 - 8"		1	22200	22,2
			F995V0250.xxx	250 - 10"		1	30200	30,2
			F995V0300.xxx	300 - 12"		1	41100	41
			F995V0350.xxx	350 - 14"		1	57800	58
			F995V0400.xxx	400 - 16"		1	69400	69
			F995V0450.xxx	450 - 18"		1	78100	78
			F995V0500.xxx	500 - 20"		1	86100	86
			F995V0600.xxx	600 - 24"		1	114900	115
Cartridges 	Cartridges for 9900V, 9920 and 9950V valve Cartridges: DZR brass body Spring in stainless steel Wide range of flows available Blind caps for wafer housings Used to blind off not used cartridge holes.		KRR9RANGE.1880	015_{HF} - 020_{LF}		1	43	0,0
			KRR9RANGE.1880	015HF - 020 - 025		1	95	0,1
			KRR9RANGE.1880	032_{HF} - 050		1	253	0,3
			KRR9RANGE.1880	050_{HF} - 300		1	1334	1,3
				Blind cap		1		
VAURIEN I & II 	Electric actuator with wax element Supply voltage: 24VAC or 230VAC Threaded nut with fast connection specific for 9525 Enclosure protection: IP54 2 points control Stroke time: about 3 to 5 minutes Normally open ver. opened by spring and closed by wax Normally closed ver. closed by spring and opened by wax		230VAC ver., normally closed					
			KA952AT00.800	015 - 020		1	100	0,1
			KA952AT05.800	25		1	110	0,1
			230VAC ver., normally open					
			KA952AT01.800	015 - 020		1	100	0,1
			KA952AT06.800	25		1	110	0,1
			24VAC ver., normally closed					
			KA952AT02.800	015 - 020		1	100	0,1
			KA952AT07.800	25		1	110	0,1
			24VAC ver., normally open					
			KA952AT03.800	015 - 020		1	100	0,1
			KA952AT08.800	25		1	110	0,1



DYNAMIC BALANCING VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
FBB 	Differential Pressure Control Valve Threaded DZR brass body DN15 - DN50: Δp range 5 - 25 kPa (L) DN15 - DN50: Δp range 20 - 40 kPa (H) Stainless steel spring Diaphragm and O-rings in EPDM Working conditions: -20°C to +135°C	PN25	FBB1L015.xxx	15 - 1/2" 5-25		1	950	1,0
			FBB1H015.xxx	15 - 1/2" 20-40		1	950	1,0
			FBB1L020.xxx	20 - 3/4" 5-25		1	1090	1,1
			FBB1H020.xxx	20 - 3/4" 20-40		1	1090	1,1
			FBB1L025.xxx	25 - 1" 5-25		1	2300	2,3
			FBB1H025.xxx	25 - 1" 20-40		1	2300	2,3
			FBB1L032.xxx	32 - 1 1/4" 5-25		1	2760	2,8
			FBB1H032.xxx	32 - 1 1/4" 20-40		1	2760	2,8
			FBB1L040.xxx	40 - 1 1/2" 5-25		1	4830	4,8
			FBB1H040.xxx	40 - 1 1/2" 20-40		1	4830	4,8
			FBB1L050.xxx	50 - 2" 5-25		1	6300	6,3
			FBB1H050.xxx	50 - 2" 20-40		1	6300	6,3
9655 	Differential Pressure Control Valve Flanged PN16 (EN1092-2) DN65 - DN150: Δp range: 30 - 80 kPa (L) DN65 - DN100: Δp range: 80 - 160 kPa (H) Cast iron body, stainless steel spring Diaphragm and O-rings in EPDM Working conditions: -10°C to +120°C	PN16	F9650x065.xxx	L65 - 2 1/2"		1	21600	21,6
			F9650x065.xxx	H65 - 2 1/2"		1	21600	21,6
			F9650x080.xxx	L80 - 3"		1	28100	28,1
			F9650x080.xxx	H80 - 3"		1	28100	28,1
			F9650x100.xxx	L100 - 4"		1	33600	33,6
			F9650x100.xxx	H100 - 4"		1	33600	33,6
			F9650x125.xxx	125 - 5"		1	46400	46,4
			F9650x150.xxx	150 - 6"		1	75400	75,4
9650K 	Differential Pressure Control Valve Flanged PN16 (EN1092-2) Cast Iron body Bronze seat and regulating disc, EPDM diaphragm Δp control range: 20 -200 kPa or 150 - 500 kPa PN20 version available as option Working conditions: 0°C to +170°C	PN10	F9650K200.xxx	200 - 8"		1		
			F9650K250.xxx	250 - 10"		1		
			F9650K300.xxx	300 - 12"		1		



REGULATING AND STANDARD BALL VALVES FOR ACTUATORS

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
980S 	DZR brass 2-way and 3-way regulating ball valve Threaded ends F/F (ISO 7/1 Rp) DZR brass body, flange, ball and stem Chrome-plated ball, Blow-out proof stem PTFE Seats, PEROX EPDM O-ring Actuator connection according to ISO 5211 F04-9mm Equal percentage characteristic (Linear on bypass for 980T) Water: -10°C to +130°C <i>Not available in Europe and the Middle East</i>	PN40	980S					
			F980S015.1861	015 - 1/2"		36	272	9,8
			F980S020.1861	020 - 3/4"		36	303	10,9
			F980S025.1861	025 - 1"		18	452	8,1
			F980S032.1861	032 - 1 1/4"		18	689	12,4
			F980S040.1861	040 - 1 1/2"		13	1114	14,5
			F980S050.1861	050 - 2"		13	1748	22,7
			980T					
			F980T015.1861	015 - 1/2"		36	309	11,1
			F980T020.1861	020 - 3/4"		36	375	13,5
			F980T025.1861	025 - 1"		18	604	10,9
			F980T032.1861	032 - 1 1/4"		18	949	17,1
			F980T040.1861	040 - 1 1/2"		13	1364	17,7
			F980T050.1861	050 - 2"		13	2266	29,5
			Kv100% available: 1.0, 1.6, 2.5, 4.0, 6.3, 10, 16, 25, 40, 63 (depending on size)					
AM-980 	Electric actuator for 980S/980T valves		230VAC version travel 30" or 120" resp., 2/3 point control					
			KAM05F100.800	015 - 050		1	700	0,7
			KAM15F120.800	015 - 050		1	700	0,7
			24VAC version travel 120", 2/3 point control					
			KAM15F122.800	015 - 050		1	700	0,7
			24V AC/DC version, adj. travel 35°/60" or 120", 0-10V control					
			KAM15S132.800	015 - 050		1	700	0,7
			Suitable for ball valves 980S/980T (Max dp 1,2 bar/3,5 bar depending on model)					
325 	Two ways brass valve with flange		PN40					
			F325I0015.829	015 - 1/2"		8	384	3,1
			F325I0020.829	020 - 3/4"		8	536	4,3
			F325I0025.829	025 - 1"		8	804	6,4
			F325I0032.829	032 - 1 1/4"		8	1202	9,6
			F325I0040.828	040 - 1 1/2"		4	1297	5,2
			F325I0050.828	050 - 2"		4	2098	8,4
32TT 	Three ways brass valve with flange		PN40					
			F32TTI020.831	020 - 3/4"		8	570	4,6
			F32TTI025.831	025 - 1"		8	862	6,9
			F32TTI032.831	032 - 1 1/4"		8	1312	10,5
			F32TTI040.911	040 - 1 1/2"		4	1834	7,3
			F32TTI050.911	050 - 2"		4	3099	12,4
			Unions and nuts kit (provided separately)					
			KBC34B020.744	020 - 3/4"		1	252	0,3
			KBC34B025.744	025 - 1"		1	480	0,5
			KBC34B032.744	032 - 1 1/4"		1	675	0,7
			TT version A ← → AB ↑ B					
32TG 	Three ways brass valve with flange		PN40					
			F32TGI020.831	020 - 3/4"		8	550	4,4
			F32TGI025.831	025 - 1"		8	819	6,6
			F32TGI032.831	032 - 1 1/4"		8	1236	9,9
			F32TGI040.911	040 - 1 1/2"		4	1758	7,0
			F32TGI050.911	050 - 2"		4	2892	11,6
			Unions and nuts kit (provided separately)					
			KBC34B020.744	020 - 3/4"		1	252	0,3
			KBC34B025.744	025 - 1"		1	480	0,5
			KBC34B032.744	032 - 1 1/4"		1	675	0,7
			TG version A → → AB ↑ B					



ACTUATORS AND ROOM THERMOSTATS

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
SLOOP-L	Electric actuator 14 Nm		KASLOOP09.800	up to 050		5	600	3,0
	Supply voltage: 230 Vac F05 flange, stem connections: □9mm (□11mm on request) Protection degree: IP54 Travel time for 90°: 60" 2 points control Output signal 230Vac							
CE								
			Suitable for ball valves 32S, 32TT and 32TG					
SLOOP	Electric actuator 14 Nm		230VAC					
	Supply voltage: 230 Vac or 24 Vac F05 flange, stem connections: □9mm or □11mm Protection degree: IP54 Travel time for 90°: 60" 2 or 3 points control Microswitches: 1, second optional on 2 point control versions Manual operation available		2 points contr., 1 microswitch			5	600	3,0
CE			KASLOOP04.800	up to 050				
			2 points contr., 2 microswitches			5	600	3,0
			KASLOOP06.800	up to 050				
			3 points contr., 1 microswitch			5	600	3,0
			KASLOOP08.800	up to 050				
			24VAC					
			2 points contr., 1 microswitch			5	600	3,0
			KASLOOP02.800	up to 050				
			2 points contr., 2 microswitches			5	600	3,0
			KASLOOP07.800	up to 050				
			3 points contr., 1 microswitch			5	600	3,0
			KASLOOP05.800	up to 050				
			Suitable for ball valves 32S, 32TT and 32TG					
FCV-2	Two way brass Fan Coil valve with actuator	PN20	FFCV2015.xxx	015 - 1/2"		20	730	14,6
	Threaded ends F/F Forged brass body Aluminium cover/actuator NBR seal Water: 2°C to +94°C Kv 2,0 - 5,7		FFCV2020.xxx	020 - 3/4"		20	780	15,6
	NC spring return		FFCV2025.xxx	025 - 1"		20	780	15,6
FCV-3	Three way brass Fan Coil valve with actuator	PN20	FFCV3015.xxx	015 - 1/2"		20	850	17,0
	Threaded ends F/F Forged brass body Aluminium cover/actuator NBR seal Water: 2°C to +94°C Kv 2,0 - 5,7		FFCV3020.xxx	020 - 3/4"		20	860	17,2
	NC spring return		FFCV3025.xxx	025 - 1"		20	950	19,0
THERM	Room thermostat		FSRT026250.xxx	SRT026 250V AC		50	220	11,0
	SRT026: HEAT-OFF-COOL; Fan HIGH—MED—LOW Unipolar gas filled bellow Mechanical 10°C to 30°C Hard fireproof white plastic		FSRE06250.xxx	SRE06 250V AC		50	200	10,0
	SRE06: HEAT-OFF-COOL; Fan HIGH—MED—LOW NTC thermistor 10kΩ (when at 25°C) Digital 10°C to 30°C Hard fireproof white plastic		FSRE06024.xxx	SRE06 24V AC		50	200	10,0
	SRE06 Modulating: On request							



STAINLESS STEEL BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)	
39BV0	 Stainless steel ball valve Threaded F/F (ISO 228/1) Full bore SS316 stainless steel body and ball PTFE seat rings and packing Stainless steel handle Working conditions: -10°C a +160°C	PN40	F39BV0008.1237	008 - 1/4"		1	250	0,3	
			F39BV0010.1237	010 - 3/8"		1	240	0,2	
			F39BV0015.1237	015 - 1/2"		1	310	0,3	
			F39BV0020.1237	020 - 3/4"		1	500	0,5	
			F39BV0025.1237	025 - 1"		1	810	0,8	
			F39BV0032.1237	032 - 1 1/4"		1	1250	1,3	
			F39BV0040.1237	040 - 1 1/2"		1	1940	1,9	
			F39BV0050.1237	050 - 2"		1	3030	3,0	
			F39BV0065.1237	065 - 2 1/2"		1	6000	6,0	
			F39BV0080.1237	080 - 3"		1	9500	9,5	
			F39BV0100.1237	100 - 4"		1	20000	20,0	
39BVF	 Stainless steel ball valve with flange Threaded F/F (ISO 228/1) Full bore SS316 stainless steel body and ball PTFE seat rings and packing Actuator connection according ISO5211 Working conditions: -10°C a +160°C	PN40	F39BVF008.1677	008 - 1/4"		1	300	0,3	
			F39BVF010.1677	010 - 3/8"		1	300	0,3	
			F39BVF015.1677	015 - 1/2"		1	400	0,4	
			F39BVF020.1677	020 - 3/4"		1	600	0,6	
			F39BVF025.1677	025 - 1"		1	900	0,9	
			F39BVF032.1677	032 - 1 1/4"		1	1400	1,4	
			F39BVF040.1677	040 - 1 1/2"		1	2200	2,2	
			F39BVF050.1677	050 - 2"		1	3500	3,5	
RESPON	 Electric actuator Supply voltage 230V or 24V ISO 5211 mount Protection degree IP67 Travel time 30 sec 2 point control Working conditions: -25°C a +60°C Aluminium housing		230VAC version						
			REA05B-230	008 - 025		1	2400	2,4	
			REA10B-230	032 - 050		1	4200	4,2	
			24VAC version						
			REA05B-24	008 - 025		1	2400	2,4	
			REA10B-24	032 - 050		1	4200	4,2	
OVERCRAFT	 Aluminum pneumatic actuator Anodized aluminum body or technopolymer body ISO5211 connection Nickel plated steel pinion Flange, end cap and pistons in die cast aluminum Air supply: 1 to 10 bar Double acting or spring return available 90° travel; 120°, 135°, 150° or 180° travel on request		Double acting model						
			KAHOVER15.801	up to 050		1	1830	1,8	
			KAHOVER18.801	065 - 080		1	4000	4,0	
			Spring return model						
			KAHOVER29.801	up to 032		1	2590	2,6	
			KAHOVER31.801	040 - 050		1	4520	4,5	
			KAHOVER34.801	065 - 080		1	10710	10,7	

Suitable for ball valves 39BVF, sized at max dP 6Bar



CHECK VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
771 	Brass spring loaded check valve Wafer type suitable for EN1092 PN10 or PN16 flanges Spring and disc in SS316 stainless steel Body in brass (cast iron GG25 beyond DN100) Working conditions: -10°C to +120°C	PN16	F77100015.1016	015 - 1/2"		1	94	0,1
			F77100020.1016	020 - 3/4"		1	134	0,1
			F77100025.1016	025 - 1"		1	202	0,2
			F77100032.1016	032 - 1 1/4"		1	458	0,5
			F77100040.1016	040 - 1 1/2"		1	620	0,6
			F77100050.1016	050 - 2"		1	976	1,0
			F77100065.1016	065 - 2 1/2"		1	1360	1,4
			F77100080.1016	080 - 3"		1	2078	2,1
			F77100100.1016	100 - 4"		1	3030	3,0
			F77100125.1020	125 - 5"		1	6800	6,8
			F77100150.1020	150 - 6"		1	10000	10,0
			F77100200.1020	200 - 8"		1	20000	20,0
775 	Stainless steel spring loaded check valve Wafer type suitable for EN1092 PN10 or PN16 flanges Body, spring and disc in SS316 stainless steel Working conditions: -29°C a +220°C	PN40	F77500015.1021	015 - 1/2"		1	150	0,2
			F77500020.1021	020 - 3/4"		1	200	0,2
			F77500025.1021	025 - 1"		1	300	0,3
			F77500032.1021	032 - 1 1/4"		1	450	0,5
			F77500040.1021	040 - 1 1/2"		1	650	0,7
			F77500050.1021	050 - 2"		1	1000	1,0
			F77500065.1021	065 - 2 1/2"		1	1500	1,5
			F77500080.1021	080 - 3"		1	2100	2,1
			F77500100.1021	100 - 4"		1	3250	3,3
776 	Cast iron dual check valve Suitable for EN1092 PN16 flanges Suitable also for flanges PN10 up to DN≤250 GG25 Cast iron body, EPDM seal SS316 Stainless steel disc PN10 for DN≤350 Working conditions: Water: 0°C to +120°C	PN16	F77600050.1013	050 - 2"		1	1500	1,5
			F77600065.1013	065 - 2 1/2"		1	2000	2,0
			F77600080.1013	080 - 3"		1	2800	2,8
			F77600100.1013	100 - 4"		1	4100	4,1
			F77600125.1013	125 - 5"		1	6400	6,4
			F77600150.1013	150 - 6"		1	8500	8,5
			F77600200.1013	200 - 8"		1	13500	13,5
			F77600250.1013	250 - 10"		1	22000	22,0
			F77600300.1013	300 - 12"		1	30000	30,0
			F77600350.1013	350 - 14"		1	48000	48,0
			F77600400.1013	400 - 16"		1	65000	65,0
			F77600450.1013	450 - 18"		1	80000	80,0
			F77600500.1013	500 - 20"		1	110000	110,0
			F77600600.1013	600 - 24"		1	157000	157,0
777 	Wafer swing check valve Suitable for EN1092 PN10 or PN16 flanges Galvanized carbon steel body Stainless steel disc NBR seal Working conditions: Water: 0°C to +100°C	PN16	F77700050.1372	050 - 2"		1	900	0,9
			F77700065.1372	065 - 2 1/2"		1	1200	1,2
			F77700080.1372	080 - 3"		1	1500	1,5
			F77700100.1372	100 - 4"		1	2400	2,4
			F77700125.1372	125 - 5"		1	3400	3,4
			F77700150.1372	150 - 6"		1	4200	4,2
			F77700200.1372	200 - 8"		1	7500	7,5
830 	Brass swing check valve Threaded F/F (ISO 228/1) Disc in brass NBR disc gasket Body/bonnet gasket in fiber Working conditions: Water: 0°C to +90°C	PN16	F8300Z015.62	015 - 1/2"		16	180	2,9
			F8300Z020.62	020 - 3/4"		20	240	4,8
			F8300Z025.62	025 - 1"		12	350	4,2
			F8300Z032.62	032 - 1 1/4"		7	550	3,9
			F8300Z040.62	040 - 1 1/2"		6	880	5,3
			F8300Z050.62	050 - 2"		3	1200	3,6
			F8300Z065.62	065 - 2 1/2"		6	1780	10,7
			F8300Z080.62	080 - 3"		4	2900	11,6
			F8300Z100.62	100 - 4"		2	5000	10,0



CHECK VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
835 	Bronze swing check valve Threaded F/F (ISO 228/1) Bronze body, brass hinge cap and internal parts Metal seat Body/bonnet gasket in NBR (PTFE for DN≥32) Hinge cap o-ring in NBR Working conditions: Water: 0°C to +95°C	PN16	F8350B010.14	010 - 3/8"		16	180	2,9
			F8350B015.14	015 - 1/2"		16	210	3,4
			F8350B020.14	020 - 3/4"		20	340	6,8
			F8350B025.14	025 - 1"		12	360	4,3
			F8350B032.14	032 - 1 1/4"		7	699	4,9
			F8350B040.14	040 - 1 1/2"		6	840	5,0
			F8350B050.14	050 - 2"		3	1330	4,0
			F8350B065.14	065 - 2 1/2"		6	2070	12,4
			F8350B080.14	080 - 3"		4	3120	12,5
			F8350B100.14	100 - 4"		2	5480	11,0
835HP 	Bronze swing check valve Threaded F/F (ISO 228/1) Bronze body, brass hinge cap and internal parts Metal seat Body/bonnet gasket in NBR (PTFE for DN≥32) Hinge cap o-ring in NBR Working conditions: Water: 0°C to +95°C	PN20	F835HP015.xx	015 - 1/2"		16	252	4,0
			F835HP020.xx	020 - 3/4"		20	385	7,7
			F835HP025.xx	025 - 1"		12	605	7,3
			F835HP032.xx	032 - 1 1/4"		7	870	6,1
			F835HP040.xx	040 - 1 1/2"		6	1155	6,9
			F835HP050.xx	050 - 2"		3	1800	5,4
765 	Spring-loaded brass check valve Threaded F/F (ISO 228/1) Stainless steel AISI 304 spring Brass disc, NBR gasket Working conditions: Water: 0°C to +100°C	PN16	F76500015.1014	015 - 1/2"		16	185	3,0
			F76500020.1014	020 - 3/4"		12	265	3,2
			F76500025.1014	025 - 1"		12	420	5,0
			F76500032.1014	032 - 1 1/4"		8	650	5,2
			F76500040.1014	040 - 1 1/2"		6	875	5,3
			F76500050.1014	050 - 2"		3	1325	4,0
			F76500065.1014	065 - 2 1/2"		3	2830	8,5
			F76500080.1014	080 - 3"		2	4200	8,4
			F76500100.1014	100 - 4"		2	6265	12,5
890 	Cast iron swing check valve Flanged PN16 (EN1092-2) Body and disc in cast iron GG25 Metal seat Body/bonnet gasket in NBR Working conditions: Water: 0°C to +100°C	PN16	F8905I050.1015	050 - 2"		1	18000	18,0
			F8905I065.1015	065 - 2 1/2"		1	20900	20,9
			F8905I080.1015	080 - 3"		1	28000	28,0
			F8905I100.1015	100 - 4"		1	36000	36,0
			F8905I125.1015	125 - 5"		1	52000	52,0
			F8905I150.1015	150 - 6"		1	62000	62,0
			F8905I200.1015	200 - 8"		1	108000	108,0
			F8905I250.1015	250 - 10"		1	191000	191,0
			F8905I300.1015	300 - 12"		1	305000	305,0
790 	Cast iron silent check valve Flanged PN16 (EN1092-2) Body and guide in cast iron GG25 Spring in SS304 EPDM seal Working conditions: Water: 0°C to +100°C Filter available as option	PN16	F7900I050.695	050 - 2"		1	5700	5,7
			F7900I065.695	065 - 2 1/2"		1	8700	8,7
			F7900I080.695	080 - 3"		1	10800	10,8
			F7900I100.695	100 - 4"		1	13500	13,5
			F7900I125.695	125 - 5"		1	21000	21,0
			F7900I150.695	150 - 6"		1	30000	30,0
			F7900I200.695	200 - 8"		1	49000	49,0
			F7900I250.695	250 - 10"		1	73300	73,3
				300 - 12"		1	131000	131,0
790HP 	Cast iron silent check valve Flanged PN20 (EN1092-2) Body and guide in cast iron GG25 Spring in SS304 EPDM seal Working conditions: Water: 0°C to +100°C Filter available as option	PN25	F790HP050.xxx	050 - 2"		1	5700	5,7
			F790HP065.xxx	065 - 2 1/2"		1	8700	8,7
			F790HP080.xxx	080 - 3"		1	10800	10,8
			F790HP100.xxx	100 - 4"		1	13500	13,5
			F790HP125.xxx	125 - 5"		1	21000	21,0
			F790HP150.xxx	150 - 6"		1	30000	30,0
			F790HP200.xxx	200 - 8"		1	49000	49,0
			F790HP250.xxx	250 - 10"		1	73300	73,3
			F790HP300.xxx	300 - 12"		1	131000	131,0



STRAINERS

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
899 	Brass strainer Threaded F/F (ISO 228/1) Stainless steel AISI 304 filter Body/bonnet gasket in PTFE Working conditions: Water: 0°C to +110°C	PN16	F8990Z010.62	010 - 3/8"		16	70	1,1
			F8990Z015.62	015 - 1/2"		16	130	2,1
			F8990Z020.62	020 - 3/4"		20	200	4,0
			F8990Z025.62	025 - 1"		12	280	3,4
			F8990Z032.62	032 - 1 1/4"		6	560	3,4
			F8990Z040.62	040 - 1 1/2"		4	680	2,7
			F8990Z050.62	050 - 2"		12	1250	15,0
			F8990Z065.62	065 - 2 1/2"		10	2650	26,5
			F8990Z080.62	080 - 3"		6	3000	18,0
			F8990Z100.62	100 - 4"		4	6200	24,8
900 	Bronze strainer Threaded F/F (ISO 228/1) Stainless steel AISI 304 filter Body/bonnet gasket in PTFE Plug in brass Working conditions: Water: 0° to +150°	PN16	F9000B015.19	015 - 1/2"		100	175	17,5
			F9000B020.19	020 - 3/4"		50	290	14,5
			F9000B025.19	025 - 1"		40	410	16,4
			F9000B032.19	032 - 1 1/4"		20	700	14,0
			F9000B040.19	040 - 1 1/2"		10	915	9,2
			F9000B050.19	050 - 2"		10	1390	13,9
			F9000B065.19	065 - 2 1/2"		8	2800	22,4
			F9000B080.19	080 - 3"		4	3725	14,9
			F9000B100.19	100 - 4"		2	6860	13,7
900HP 	Bronze strainer Threaded F/F (ISO 228/1) Stainless steel AISI 304 filter Body/bonnet gasket in PTFE Plug in brass Working conditions: Water: 0° to +150°	PN20	F9000H015.xxx	015 - 1/2"		100	185	18,5
			F9000H020.xxx	020 - 3/4"		50	298	14,9
			F9000H025.xxx	025 - 1"		40	426	17,0
			F9000H032.xxx	032 - 1 1/4"		20	720	14,4
			F9000H040.xxx	040 - 1 1/2"		10	980	9,8
			F9000H050.xxx	050 - 2"		10	1500	15,0
895 	Cast iron strainer Flanged PN16 (EN1092-2) Cast iron GG25 body Stainless steel AISI 304 filter Body/bonnet gasket in graphite Working conditions: Water: 0°C to +120°C	PN16	F8951I065.842	065 - 2 1/2"		1	15500	15,5
			F8951I080.842	080 - 3"		1	20200	20,2
			F8951I100.842	100 - 4"		1	26800	26,8
			F8951I125.842	125 - 5"		1	37100	37,1
			F8951I150.842	150 - 6"		1	56100	56,1
			F8951I200.842	200 - 8"		1	90600	90,6
			F8951I250.842	250 - 10"		1	144000	144,0
			F8951I300.842	300 - 12"		1	185000	185,0
			F8951I350.842	350 - 14"		1	294000	294,0
			F8951I400.842	400 - 16"		1	388000	388,0
895HP 	Ductile iron strainer Flanged PN20 (EN1092-2) Cast iron GG25 body Stainless steel AISI 304 filter Body/bonnet gasket in graphite Working conditions: Water: 0°C to +120°C	PN25	F895HP065.xxx	065 - 2 1/2"		1	17500	17,5
			F895HP080.xxx	080 - 3"		1	21800	21,8
			F895HP100.xxx	100 - 4"		1	42000	42,0
			F895HP125.xxx	125 - 5"		1	52500	52,5
			F895HP150.xxx	150 - 6"		1	70000	70,0
			F895HP200.xxx	200 - 8"		1	133500	133,5
			F895HP250.xxx	250 - 10"		1	186000	186,0
			F895HP300.xxx	300 - 12"		1	280000	280,0
			F895HP350.xxx	350 - 14"		1	363000	363,0
			F895HP400.xxx	400 - 16"		1	638000	638,0



STRAINERS, GATE VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
896 	Basket Strainer Flanged PN16 (EN1092-2) Cast iron GG25 body Stainless steel AISI 304 filter Body/bonnet gasket in graphite Working conditions: Water: 0°C to +120°C	PN16	F896LP050.xxx	050 - 2"		1	21000	21,0
			F896LP065.xxx	065 - 2 1/2"		1	23000	23,0
			F896LP080.xxx	080 - 3"		1	29000	29,0
			F896LP100.xxx	100 - 4"		1	55000	55,0
			F896LP125.xxx	125 - 5"		1	68000	68,0
			F896LP150.xxx	150 - 6"		1	90000	90,0
			F896LP200.xxx	200 - 8"		1	158000	158,0
			F896LP250.xxx	250 - 10"		1	227000	227,0
			F896LP300.xxx	300 - 12"		1	344000	344,0
			F896LP350.xxx	350 - 14"		1	475000	475,0
			F896LP400.xxx	400 - 16"		1	585000	585,0
			F896LP450.xxx	450 - 18"		1	717000	717,0
			F896LP500.xxx	500 - 20"		1	811000	811,0
			F896LP600.xxx	600 - 24"		1	925000	925,0
			F896LP700.xxx	700 - 28"		1	1328000	1328,0
			F896LP800.xxx	750 - 30"		1	1465000	1465,0
896HP 	Carbon Steel Basket Strainer Flanged PN40 (EN1092-2) Carbon Steel body Stainless steel AISI 304 filter Body/bonnet gasket in graphite Working conditions: Water: 0°C to +120°C	PN40	F896HP050.xxx	050 - 2"		1	21000	21,0
			F896HP065.xxx	065 - 2 1/2"		1	23000	23,0
			F896HP080.xxx	080 - 3"		1	29000	29,0
			F896HP100.xxx	100 - 4"		1	55000	55,0
			F896HP125.xxx	125 - 5"		1	68000	68,0
			F896HP150.xxx	150 - 6"		1	90000	90,0
			F896HP200.xxx	200 - 8"		1	158000	158,0
40 	Brass gate valve Threaded F/F (ISO 228/1) Steel handwheel, red color Stem and wedge in brass Working conditions: Water: 0°C to +100°C	PN16	F0400Z010.63	010 - 3/8"		100	155	15,5
			F040K0015.1872	015 - 1/2"		80	181	14,5
			F040K0020.1872	020 - 3/4"		60	257	15,4
			F040K0025.1872	025 - 1"		30	357	10,7
			F040K0032.1872	032 - 1 1/4"		20	501	10,0
			F040K0040.1872	040 - 1 1/2"		15	667	10,0
			F040K0050.1872	050 - 2"		10	1042	10,4
			F040K0065.1872	065 - 2 1/2"		10	1620	16,2
			F040K0080.1872	080 - 3"		8	2197	17,6
			F040K0100.1872	100 - 4"		4	4084	16,3
90 	Bronze gate valve Threaded F/F (ISO 228/1) Steel handwheel, red color Bonnet, stem and wedge in brass Working conditions: Water: 0°C to +100°C	PN16	F0900B015.15	015 - 1/2"		80	191	15,3
			F0900B020.15	020 - 3/4"		50	281	14,1
			F0900B025.15	025 - 1"		40	367	14,7
			F0900B032.15	032 - 1 1/4"		20	565	11,3
			F0900B040.15	040 - 1 1/2"		20	808	16,2
			F0900B050.15	050 - 2"		15	1194	17,9
			F0900B065.15	065 - 2 1/2"		10	2054	20,5
			F0900B080.15	080 - 3"		8	2710	21,7
			F0900B100.15	100 - 4"		4	4666	18,7
90HP 	Bronze gate valve Threaded F/F (ISO 228/1) Steel handwheel, red color Bonnet, stem and wedge in brass Working conditions: Water: 0°C to +100°C	PN20	F0900H015.xxx	015 - 1/2"		80	260	20,8
			F0900H020.xxx	020 - 3/4"		50	355	17,8
			F0900H025.xxx	025 - 1"		40	524	21,0
			F0900H032.xxx	032 - 1 1/4"		20	770	15,4
			F0900H040.xxx	040 - 1 1/2"		20	1007	20,1
			F0900H050.xxx	050 - 2"		15	1620	24,3
			F0900H065.xxx	065 - 2 1/2"		10	2980	29,8
			F0900H080.xxx	080 - 3"		8	4800	38,4
			F0900H100.xxx	100 - 4"		4	8650	34,6



GATE AND GLOBE VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
120 	Bronze gate valve Union Bonnet Threaded F/F (ISO 228/1) Bonnet, stem and disc in brass Handwheel in steel Working conditions: Water: 0°C to +150°C	PN25	F1200B015.15	015 - 1/2"		50	390	19,5
			F1200B020.15	020 - 3/4"		40	560	22,4
			F1200B025.15	025 - 1"		25	760	19,0
			F1200B032.15	032 - 1 1/4"		20	1130	22,6
			F1200B040.15	040 - 1 1/2"		9	1580	14,2
			F1200B050.15	050 - 2"		6	2450	14,7
			F1200B065.15	065 - 2 1/2"		5	3870	19,4
			F1200B080.15	080 - 3"		4	5400	21,6
			F1200B100.15	100 - 4"		3	8800	26,4
914 	Flanged soft sealed gate valve Flanged PN16 (EN1092-2) Designed according EN558-1 series 14 (DIN 3202 F4) Ductile iron GGG50 body, bonnet and handwheel Ductile iron GGG50 wedge NBR coated Stainless steel stem, epoxy coating Working conditions: Water: 0°C to +100°C	PN16	F0914I040.1047	040 - 1 1/2"		1	9000	9,0
			F0914I050.1047	050 - 2"		1	11500	11,5
			F0914I065.1047	065 - 2 1/2"		1	14000	14,0
			F0914I080.1047	080 - 3"		1	18000	18,0
			F0914I100.1047	100 - 4"		1	22500	22,5
			F0914I125.1047	125 - 5"		1	30000	30,0
			F0914I150.1047	150 - 6"		1	39000	39,0
			F0914I200.1047	200 - 8"		1	60000	60,0
			F0914I250.1047	250 - 10"		1	95000	95,0
			F0914I300.1047	300 - 12"		1	130000	130,0
			F0914I350.1047	350 - 14"		1	195000	195,0
			On request	400 - 16"		1	252000	252,0
			On request	450 - 18"		1	350000	350,0
			On request	500 - 20"		1	426000	426,0
			On request	600 - 24"		1	587000	587,0
914HP 	Flanged soft sealed gate valve Flanged PN25 (EN1092-2) Designed according EN558-1 series 14 (DIN 3202 F4) Ductile iron GGG50 body, bonnet and handwheel Ductile iron GGG50 wedge NBR coated Stainless steel stem, epoxy coating Working conditions: Water: 0°C to +100°C	PN25	F914HP040.xxx	040 - 1 1/2"		1	9000	9,0
			F914HP050.xxx	050 - 2"		1	11500	11,5
			F914HP065.xxx	065 - 2 1/2"		1	14000	14,0
			F914HP080.xxx	080 - 3"		1	18000	18,0
			F914HP100.xxx	100 - 4"		1	24500	24,5
			F914HP125.xxx	125 - 5"		1	36500	36,5
			F914HP150.xxx	150 - 6"		1	43000	43,0
			F914HP200.xxx	200 - 8"		1	68500	68,5
			F914HP250.xxx	250 - 10"		1	107000	107,0
			F914HP300.xxx	300 - 12"		1	143000	143,0
924C 	Flanged cast iron gate valve Flanged PN16 (EN1092-2) Cast iron GG25 body Epoxy coating Adjustable packing Non rising stem Working conditions: Water: 0°C to +120°C	PN16	F8090I015.1438	040 - 1 1/2"		1	15000	15,0
			F8090I020.1438	050 - 2"		1	18500	18,5
			F8090I025.1438	065 - 2 1/2"		1	23000	23,0
			F8090I032.1438	080 - 3"		1	29000	29,0
			F8090I040.1438	100 - 4"		1	35300	35,3
			F8090I050.1438	125 - 5"		1	54000	54,0
			F8090I065.1438	150 - 6"		1	69100	69,1
			F8090I080.1438	200 - 8"		1	101800	101,8
			F8090I100.1438	250 - 10"		1	142000	142,0
			F8090I125.1438	300 - 12"		1	182000	182,0
934 	Flanged cast iron OS&Y gate valve Flanged PN16 (EN1092-2) Cast iron GG50 body Epoxy coating Adjustable packing Rising stem Working conditions: Water: 0°C to +120°C	PN16	F934RS050.xxx	050 - 2"		1	16000	16,0
			F934RS065.xxx	065 - 2 1/2"		1	19000	19,0
			F934RS080.xxx	080 - 3"		1	25000	25,0
			F934RS100.xxx	100 - 4"		1	30000	30,0
			F934RS125.xxx	125 - 5"		1	39000	39,0
			F934RS150.xxx	150 - 6"		1	48000	48,0
			F934RS200.xxx	200 - 8"		1	69000	69,0
			F934RS250.xxx	250 - 10"		1	109000	109,0
			F934RS300.xxx	300 - 12"		1	150000	150,0
			F934RS350.xxx	350 - 14"		1	221000	221,0
			F934RS400.xxx	400 - 16"		1	280000	280,0



GLOBE VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
302C 	Brass globe valve Threaded F/F (ISO 228/1) Steel handwheel, red color Bonnet, stem and wedge in brass Working conditions: Water/steam: 0°C to +130°C	PN16	F302C015.xxx	015 - 1/2"		80	166	13,3
			F302C020.xxx	020 - 3/4"		50	236	11,8
			F302C025.xxx	025 - 1"		40	368	14,7
			F302C032.xxx	032 - 1 1/4"		20	539	10,8
			F302C040.xxx	040 - 1 1/2"		20	825	16,5
			F302C050.xxx	050 - 2"		15	1307	19,6
405C 	Bronze globe valve Threaded F/F (ISO 228/1) Steel handwheel, red color Bonnet, stem and wedge in bronze Working conditions: Water/steam: 0°C to +170°C	PN20	F405C015.xxx	015 - 1/2"		80	266	21,3
			F405C020.xxx	020 - 3/4"		50	437	21,9
			F405C025.xxx	025 - 1"		40	695	27,8
			F405C032.xxx	032 - 1 1/4"		20	1062	21,2
			F405C040.xxx	040 - 1 1/2"		20	1426	28,5
			F405C050.xxx	050 - 2"		15	2379	35,7
560 	Brass stop-check valve Threaded F/F (ISO 228/1) Bonnet, stem and shutter in brass EPDM shutter gasket and packing Body/bonnet gasket in fiber Working conditions: Water: 0°C to +90°C	PN16	F560K0015.2163	015 - 1/2"		1	227	0,2
			F560K0020.2163	020 - 3/4"		1	403	0,4
			F560K0025.2163	025 - 1"		1	576	0,6
			F560K0032.2163	032 - 1 1/4"		1	973	1,0
			F560K0040.2163	040 - 1 1/2"		1	1152	1,2
1510 	Cast iron globe valve Flanged PN16 (EN1092-2) Cast iron GG25 body and disc Sealing ring in stainless steel Rising stem and handwheel Face to face dimensions conform to DIN3202 F1 Working conditions: Water: 0°C to +300°C	PN16	F1510I050	050 - 2"		1	14300	14,3
			F1510I065	065 - 2 1/2"		1	18100	18,1
			F1510I080	080 - 3"		1	22300	22,3
			F1510I100	100 - 4"		1	34700	34,7
			F1510I125	125 - 5"		1	46600	46,6
			F1510I150	150 - 6"		1	62600	62,6
			F1510I200	200 - 8"		1	123400	123,4
450C 	Cast iron globe valve Flanged PN16 (EN1092-2) Cast iron GG25 body and disc Bronze disc and seat Rising stem and handwheel Face to face dimensions conform to EN558-1 list 10 Working conditions: Water: -25°C to +230°C	PN16	F0450C050.xxx	050 - 2"		1	16500	16,5
			F0450C065.xxx	065 - 2 1/2"		1	22400	22,4
			F0450C080.xxx	080 - 3"		1	29000	29,0
			F0450C090.xxx	090 - 3"		1	32500	32,5
			F0450C125.xxx	125 - 5"		1	62000	62,0
			F0450C150.xxx	150 - 6"		1	88400	88,4
			F0450C200.xxx	200 - 8"		1	143000	143,0
			F0450C250.xxx	250 - 10"		1	220000	220,0
			F0450C300.xxx	300 - 12"		1	290000	290,0



WAFER TYPE BUTTERFLY VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
4020L  CE	Ductile iron butterfly valve Body in ductile iron GGG40 epoxy coating Disc in duct. iron GGG40 nickel pl., stem in SS416 stainless steel EPDM seats, EPDM O-ring, PTFE bushings Working conditions: 0°C a +120°C Supplied with lockable lever in position open/closed Ver. with actuator (see page 20) or manual gear also available	PN16	F4020L032.927	032 - 1 1/4"		1	2800	2,8
			F4020L040.927	040 - 1 1/2"		1	3100	3,1
			F4020L050.927	050 - 2"		1	3800	3,8
			F4020L065.927	065 - 2 1/2"		1	4500	4,5
			F4020L080.927	080 - 3"		1	5000	5,0
			F4020L100.927	100 - 4"		1	6600	6,6
			F4020L125.927	125 - 5"		1	7900	7,9
			F4020L150.927	150 - 6"		1	9400	9,4
			F4020L200.927	200 - 8"		1	14700	14,7
			F4020L250.927	250 - 10"		1	21200	21,2
			F4020L300.927	300 - 12"		1	33000	33,0
4025L  CE	Ductile iron butterfly valve Body in ductile iron GGG40 epoxy coating Disc and stem in SS316 stainless steel EPDM seats, EPDM O-ring, PTFE bushings Working conditions: -10°C a +120°C Supplied with lockable lever in position open/closed Ver. with actuator (see page 20) or manual gear also available	PN16	F4025L032.929	032 - 1 1/4"		1	2800	2,8
			F4025L040.929	040 - 1 1/2"		1	3100	3,1
			F4025L050.929	050 - 2"		1	3800	3,8
			F4025L065.929	065 - 2 1/2"		1	4500	4,5
			F4025L080.929	080 - 3"		1	5000	5,0
			F4025L100.929	100 - 4"		1	6600	6,6
			F4025L125.929	125 - 5"		1	7900	7,9
			F4025L150.929	150 - 6"		1	9400	9,4
			F4025L200.929	200 - 8"		1	14700	14,7
			F4025L250.929	250 - 10"		1	21200	21,2
			F4025L300.929	300 - 12"		1	33000	33,0
4020G  CE	Ductile iron butterfly valve Body in ductile iron GGG40 epoxy coating Disc in duct. iron GGG40 nickel pl., stem in SS416 stainless steel EPDM seats, EPDM O-ring, PTFE bushings PN10 for DN≥350 Working conditions: 0°C a +120°C Supplied with gear Available also with actuator (see page 20) or lever	PN16	F4020G040.928	040 - 1 1/2"		1	7200	7,2
			F4020G050.928	050 - 2"		1	7900	7,9
			F4020G065.928	065 - 2 1/2"		1	8600	8,6
			F4020G080.928	080 - 3"		1	9100	9,1
			F4020G100.928	100 - 4"		1	10700	10,7
			F4020G125.928	125 - 5"		1	12000	12,0
			F4020G150.928	150 - 6"		1	13400	13,4
			F4020G200.928	200 - 8"		1	25700	25,7
			F4020G250.928	250 - 10"		1	32200	32,2
			F4020G300.928	300 - 12"		1	46000	46,0
			F4020G350.928	350 - 14"		1	58800	58,8
			F4020G400.928	400 - 16"		1	101200	101,2
			F4020G450.928	450 - 18"		1	117700	117,7
			F4020G500.928	500 - 20"		1	160100	160,1
			F4020G600.928	600 - 24"		1	257500	257,5
				700 - 28"		1		
				800 - 32"		1		
				900 - 36"		1		
				1000 - 40"		1		
4025G  CE	Ductile iron butterfly valve Body in ductile iron GGG40 epoxy coating Disc and stem in SS316 stainless steel EPDM seats, EPDM O-ring, PTFE bushings PN10 for DN≥350 Working conditions: 0°C a +120°C Supplied with gear Available also with actuator (see page 20) or lever	PN16	F4025G040.1009	040 - 1 1/2"		1	7200	7,2
			F4025G050.1009	050 - 2"		1	7900	7,9
			F4025G065.1009	065 - 2 1/2"		1	8600	8,6
			F4025G080.1009	080 - 3"		1	9100	9,1
			F4025G100.1009	100 - 4"		1	10700	10,7
			F4025G125.1009	125 - 5"		1	12000	12,0
			F4025G150.1009	150 - 6"		1	13400	13,4
			F4025G200.1009	200 - 8"		1	25700	25,7
			F4025G250.1009	250 - 10"		1	32200	32,2
			F4025G300.1009	300 - 12"		1	46000	46,0
			F4025G350.1009	350 - 14"		1	58800	58,8
			F4025G400.1009	400 - 16"		1	101200	101,2
			F4025G450.1009	450 - 18"		1	117700	117,7
			F4025G500.1009	500 - 20"		1	160100	160,1
			F4025G600.1009	600 - 24"		1	257500	257,5
				700 - 28"		1		
				800 - 32"		1		
				900 - 36"		1		
				1000 - 40"		1		



LUG TYPE BUTTERFLY VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
	Levers for butterfly valves		Aluminum					
 Ver. alluminio / Aluminum ver.	Available in aluminum Connections according ISO 5211 Available with black coating		KXM4PCA00.1525	032 - 080		1	400	0,4
			KXM4PCB00.1525	100		1	400	0,4
			KXM4PCC00.1525	125 - 150		1	400	0,4
			KXM4PCD00.1525	200		1	600	0,6
			KXM4PCE00.1525	250		1	600	0,6
			KXM4PCF00.1525	300		1	600	0,6
		Suitable for butterfly valves 4020, 4025, 4029, 4320 e 4325						
4320L	Ductile iron butterfly valve	PN16	F4320L032.927	032 - 1 1/4"		1	3500	3,5
 CE	Body in ductile iron GGG40 epoxy coating Disc in duct. iron GGG40 nickel pl., stem in SS416 stainless steel EPDM seats, EPDM O-ring, PTFE bushings Working conditions: 0°C a +120°C Supplied with lockable lever in position open/closed Ver. with actuator (see page 20) or manual gear also available		F4320L040.927	040 - 1 1/2"		1	3800	3,8
			F4320L050.927	050 - 2"		1	5200	5,2
			F4320L065.927	065 - 2 1/2"		1	5500	5,5
			F4320L080.927	080 - 3"		1	5900	5,9
			F4320L100.927	100 - 4"		1	9300	9,3
			F4320L125.927	125 - 5"		1	12900	12,9
			F4320L150.927	150 - 6"		1	13700	13,7
			F4320L200.927	200 - 8"		1	19500	19,5
			F4320L250.927	250 - 10"		1	29700	29,7
			F4320L300.927	300 - 12"		1	45200	45,2
4325L	Ductile iron butterfly valve	PN16	F4325L032.929	032 - 1 1/4"		1	3500	3,5
 CE	Body in ductile iron GGG40 epoxy coating Disc and stem in SS316 stainless steel EPDM seats, EPDM O-ring, PTFE bushings Working conditions: 0°C a +120°C Supplied with lockable lever in position open/closed Ver. with actuator (see page 20) or manual gear also available		F4325L040.929	040 - 1 1/2"		1	3800	3,8
			F4325L050.929	050 - 2"		1	5200	5,2
			F4325L065.929	065 - 2 1/2"		1	5500	5,5
			F4325L080.929	080 - 3"		1	5900	5,9
			F4325L100.929	100 - 4"		1	9300	9,3
			F4325L125.929	125 - 5"		1	12900	12,9
			F4325L150.929	150 - 6"		1	13700	13,7
			F4325L200.929	200 - 8"		1	19500	19,5
			F4325L250.929	250 - 10"		1	29700	29,7
			F4325L300.929	300 - 12"		1	45200	45,2
4320G	Ductile iron butterfly valve	PN16	F4320G040.928	040 - 1 1/2"		1	7900	7,9
 CE	Body in ductile iron GGG40 epoxy coating Disc in duct. iron GGG40 nickel pl., stem in SS416 stainless steel EPDM seats, EPDM O-ring, PTFE bushings PN10 for DN≥350 Working conditions: 0°C a +120°C Supplied with gear Available also with actuator (see page 20) or lever		F4320G050.928	050 - 2"		1	9300	9,3
			F4320G065.928	065 - 2 1/2"		1	9600	9,6
			F4320G080.928	080 - 3"		1	10000	10,0
			F4320G100.928	100 - 4"		1	13400	13,4
			F4320G125.928	125 - 5"		1	17000	17,0
			F4320G150.928	150 - 6"		1	17800	17,8
			F4320G200.928	200 - 8"		1	30500	30,5
			F4320G250.928	250 - 10"		1	40700	40,7
			F4320G300.928	300 - 12"		1	58200	58,2
			F4320G350.928	350 - 14"		1	81300	81,3
			F4320G400.928	400 - 16"		1	138200	138,2
			F4320G450.928	450 - 18"		1	158700	158,7
			F4320G500.928	500 - 20"		1	226600	226,6
			F4320G600.928	600 - 24"		1	315500	315,5
				700 - 28"		1		
				800 - 32"		1		
				900 - 36"		1		
				1000 - 40"		1		
4325G	Ductile iron butterfly valve	PN16	F4325G040.1009	040 - 1 1/2"		1	7900	7,9
 CE	Body in ductile iron GGG40 epoxy coating Disc and stem in SS316 stainless steel EPDM seats, EPDM O-ring, PTFE bushings PN10 for DN≥350 Working conditions: 0°C a +120°C Supplied with gear Available also with actuator (see page 20) or lever		F4325G050.1009	050 - 2"		1	9300	9,3
			F4325G065.1009	065 - 2 1/2"		1	9600	9,6
			F4325G080.1009	080 - 3"		1	10000	10,0
			F4325G100.1009	100 - 4"		1	13400	13,4
			F4325G125.1009	125 - 5"		1	17000	17,0
			F4325G150.1009	150 - 6"		1	17800	17,8
			F4325G200.1009	200 - 8"		1	30500	30,5
			F4325G250.1009	250 - 10"		1	40700	40,7
			F4325G300.1009	300 - 12"		1	58200	58,2
			F4325G350.1009	350 - 14"		1	81300	81,3
			F4325G400.1009	400 - 16"		1	138200	138,2
			F4325G450.1009	450 - 18"		1	158700	158,7
			F4325G500.1009	500 - 20"		1	226600	226,6
			F4325G600.1009	600 - 24"		1	315500	315,5
				700 - 28"		1		
				800 - 32"		1		
				900 - 36"		1		
				1000 - 40"		1		



BUTTERFLY VALVES ACCESSORIES AND SPARE PARTS

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (n)	Wgt per carton (Kg)
RESPON 	Electric actuator Supply voltage 230V or 24V ISO 5211 mount Protection degree IP67 Travel time 30 sec Working conditions: -25°C a +60°C Aluminium housing Signal Type : 1. Free Contact (ON-OFF Type) 2. 4-20mA, 1-5Vdc or 0-10Vdc Input (Modulating) 3. 4-20mA (Standard Feedback)	230VAC version ON/OFF						
		REA05B-230	032 - 080			1	2500	2,5
		REA10B-230	100 - 125			1	4200	4,2
		REA20B-230	150			1	7200	7,2
		REA50B-230	200 - 250			1	7200	7,2
		REA100B-230	300 - 400			1	11500	11,5
		REA200B230	450 - 500			1	12100	12,1
		24VAC version ON/OFF						
		REA05B-24	032 - 080			1	2500	2,5
		REA10B-24	100 - 125			1	4200	4,2
		REA20B-24	150			1	7200	7,2
		REA50B-24	200 - 250			1	7200	7,2
		REA100B-24	300 - 400			1	11500	11,5
		REA200B-24	450 - 500			1	12100	12,1
		230VAC version 0-10V						
		REA05E-230	032 - 080			1	2600	2,6
		REA10E-230	100 - 125			1	4300	4,3
		REA20E-230	150			1	7300	7,3
		REA50E-230	200 - 250			1	7300	7,3
		REA100E-230	300 - 400			1	11600	11,6
		REA200E-230	450 - 500			1	12200	12,2
		24VAC version 0-10V						
		REA05E-24	032 - 080			1	2600	2,6
		REA10E-24	100 - 125			1	4300	4,3
		REA20E-24	150			1	7300	7,3
		REA50E-24	200 - 250			1	7300	7,3
		REA100E-24	300 - 400			1	11600	11,6
		REA200E-24	450 - 500			1	12200	12,2
	Gears for butterfly valves Cast iron gears Connections according ISO 5211	KXV4PAA00.932	032 - 080			1	5000	5,0
		KXV4PAB00.932	100			1	5000	5,0
		KXV4PAC00.932	125 - 150			1	5000	5,0
		KXV4PAD00.932	200			1	13000	13,0
		KXV4PAE00.932	250			1	13000	13,0
		KXV4PAF00.932	300 - 350			1	15000	15,0
			400 - 450			1		
			500			1		
			600			1		
		Suitable for butterfly valves 4020, 4025, 4029, 4320 and 4325						
	Gear with limit switches Aluminum gear with limit switches Connection for valve according ISO 5211 1 open and 1 close limit switch, IP65	KXV4PDA00.1526	032 - 150			1	3085	3,1
		KXV4PDB00.1526	200 - 350			1	3700	3,7
		Suitable for butterfly valves 4020, 4025, 4029, 4320 and 4325						



VARIOUS

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
9390/9380E 	Automatic air vent Fig. 9390: PN10 Brass version Threaded M (ISO 228/1) Brass body, EPDM gaskets, vent plug in polypropylene Working conditions: 0°C to +110°C Fig. 9380E: PN16 Cast iron version Threaded F (BSP) Cast iron body, EPDM gaskets Stainless steel internals, FKM vent plug Working conditions: -10°C to +120°C		9390					
			F93900010.1776	010 - 3/8"		1	156	0,2
			F93900015.1776	015 - 1/2"		1	154	0,2
			9380E					
			F93800020.xxx	020 - 3/4"		1	2700	2,7
			F93800025.xxx	025 - 1"		1	2700	2,7
				032 - 1 1/4"		1	3200	3,2
				040 - 1 1/2"		1	3200	3,2
				050 - 2"		1	3200	3,2
KGTF 	Flanged rubber flexible joint Flanged PN16 (EN1092-1) EPDM body reinforced with polyamide wire Deflection angle 15° Working conditions: -20°C to +100°C	PN16	KGT800032.1124	032 - 1 1/4"		1	2950	3,0
			KGT800040.1124	040 - 1 1/2"		1	3450	3,5
			KGT800050.1124	050 - 2"		1	3810	3,8
			KGT800065.1124	065 - 2 1/2"		1	5370	5,4
			KGT800080.1124	080 - 3"		1	6410	6,4
			KGT800100.1124	100 - 4"		1	8900	8,9
			KGT800125.1124	125 - 5"		1	10840	10,8
			KGT800150.1124	150 - 6"		1	13800	13,8
			KGT800200.1124	200 - 8"		1	20610	20,6
			KGT800250.1124	250 - 10"		1	24650	24,7
			KGT800300.1124	300 - 12"		1	37650	37,7
			On request	350 - 14"		1	46000	46,0
			On request	400 - 16"		1	60000	60,0
			On request	450 - 18"		1	71000	71,0
			On request	500 - 20"		1	105000	105,0
			On request	600 - 24"		1	130000	130,0
KGTT 	Threaded rubber flexible joint Threaded union ends (ISO 228/1) EPDM body reinforced with polyamide wire Galvanized iron ends Angular flexion 10° to 30° (depending on size) Working conditions: -20°C to +100°C	PN10	KGT800020.1163	020 - 3/4"		1	680	0,7
			KGT800025.1163	025 - 1"		1	1040	1,0
			KGT800032.1163	032 - 1 1/4"		1	1370	1,4
			KGT800040.1163	040 - 1 1/2"		1	1840	1,8
			KGT800050.1163	050 - 2"		1	2440	2,4
			KGT800065.1163	065 - 2 1/2"		1	3900	3,9
			KGT800080.1163	080 - 3"		1	5290	5,3
HOSE 	Flexible hose Stainless steel brazed EPDM hose Threaded ends F/M Working conditions: 5°C to +60°C	PN16	300mm					
			FHOS3015.xxx	015 - 1/2"		1	179	0,2
			FHOS3020.xxx	020 - 3/4"		1	330	0,3
			FHOS3025.xxx	025 - 1"		1	484	0,5
			600 mm					
			FHOS6015.xxx	015 - 1/2"		1	287	0,3
			FHOS6020.xxx	020 - 3/4"		1	540	0,5
			FHOS6025.xxx	025 - 1"		1	751	0,8
METER 	Thermometer and pressure gauge Bourdon type pressure gauge Connection 1/4" Casing in mild steel, black painted 0 to 600 kPa Bimetallic thermometer Round Stainless steel connection 1/2" -20°C to +120°C General Thermometer ABS housing Straight or angle version -20°C to +120°C		Pressure gauge					
			FPRES050.xxx	50		1	190	0,2
			FPRES075.xxx	65		1	200	0,2
			FPRES100.xxx	100		1	290	0,3
			Bimet. Thermom.					
			FTHERMR100.xxx	100		1		0,0
			Gen. Thermom.					
			FTHERMS100.xxx	Straight 150mm		1		0,0
			FTHERMA100.xxx	Angle 150mm		1		0,0
			Thermo well					
			FWELL015.xxx	015 - 1/2"		1		0,0



PN 40 BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
340    	Brass ball valve full bore Threaded F/F (ISO 228/1) Chrome-plated ball and body, blow-out proof stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +150°C; Air: -10°C to +150°C PN40 for DN≤50 up to 95°C, PN25 above PN25 for DN≥65 up to 95°C, PN16 above	PN40	F3400V008.1596	008 - 1/4"		125	110	13,8
			F3400V010.1596	010 - 3/8"		125	120	15,0
			F3400V015.1596	015 - 1/2"		90	220	19,8
			F3400V020.1596	020 - 3/4"		60	305	18,3
			F3400V025.1596	025 - 1"		35	520	18,2
			F3400V032.1596	032 - 1 1/4"		25	815	20,4
			F3400V040.1596	040 - 1 1/2"		16	1210	19,4
			F3400V050.1596	050 - 2"		8	1805	14,4
			F3400V065.1596	065 - 2 1/2"		6	3345	20,1
			F3400V080.1596	080 - 3"		4	5338	21,4
			F3400V100.1596	100 - 4"		2	8600	17,2
			Butterfly handle option at same price (up to DN50) Code F3400V***.1665					
343    	Brass ball valve full bore Threaded M/F (ISO 228/1) Chrome-plated ball and body, blow-out proof stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +150°C; Air: -10°C to +150°C PN25 above 95°C	PN40	F3430V008.1597	008 - 1/4"		125	113	14,1
			F3430V010.1597	010 - 3/8"		125	120	15,0
			F3430V015.1597	015 - 1/2"		75	213	16,0
			F3430V020.1597	020 - 3/4"		50	313	15,7
			F3430V025.1597	025 - 1"		30	519	15,6
			F3430V032.1597	032 - 1 1/4"		20	832	16,6
			F3430V040.1597	040 - 1 1/2"		12	1220	14,6
			F3430V050.1597	050 - 2"		8	1915	15,3
			Butterfly handle option at same price Code F3430V***.1665					
348    	Brass ball valve full bore Threaded M/M (ISO 228/1) Chrome-plated ball and body, blow-out proof stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +150°C; Air: -10°C to +150°C PN25 above 95°C	PN40	F3480V010.153	010 - 3/8"		125	121	15,1
			F3480V015.153	015 - 1/2"		75	220	16,5
			F3480V020.153	020 - 3/4"		50	325	16,3
			F3480V025.153	025 - 1"		30	553	16,6
			F3480V032.153	032 - 1 1/4"		20	858	17,2
			F3480V040.153	040 - 1 1/2"		12	1202	14,4
			F3480V050.153	050 - 2"		8	1927	15,4
			Butterfly handle option at same price Code F3480V***.157					
342    	Brass ball valve with plug and drain cock Threaded F/F (ISO 228/1) Chrome-plated ball and body, blow-out proof stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +150°C; Air: -10°C to +150°C PN25 above 95°C	PN40	F3420A015.131	015 - 1/2"		80	297	23,8
			F3420A020.131	020 - 3/4"		40	382	15,3
			F3420A025.131	025 - 1"		40	598	23,9
			F3420A032.131	032 - 1 1/4"		20	901	18,0
			F3420A040.131	040 - 1 1/2"		16	1314	21,0
			F3420A050.131	050 - 2"		8	1947	15,6
			Butterfly handle option at same price Code F3420A***.133					



PN25 BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)			
330N	Brass ball valve full bore	PN25	F330K0010.1598	010 - 3/8"		36	124	4,5			
			F330K0015.1598	015 - 1/2"		24	178	4,3			
			F330K0020.1598	020 - 3/4"		16	240	3,8			
			F330K0025.1598	025 - 1"		10	420	4,2			
			F330K0032.1598	032 - 1 1/4"		36	590	21,2			
			F330K0040.1598	040 - 1 1/2"		24	850	20,4			
			F330K0050.1598	050 - 2"		12	1330	16,0			
			F330K0065.1598	065 - 2 1/2"		6	2963	17,8			
			F330K0080.1598	080 - 3"		4	3747	15,0			
			F330K0100.1598	100 - 4"		2	5841	11,7			
Butterfly handle option at same price (up to DN25) Code F330K0***.1599											
333N	Brass ball valve full bore	PN25	F333K0010.1627	010 - 3/8"		36	128	4,6			
			F333K0015.1627	015 - 1/2"		24	194	4,7			
			F333K0020.1627	020 - 3/4"		16	262	4,2			
			F333K0025.1627	025 - 1"		10	445	4,5			
			F333K0032.1627	032 - 1 1/4"		36	635	22,9			
			F333K0040.1627	040 - 1 1/2"		24	900	21,6			
			F333K0050.1627	050 - 2"		12	1448	17,4			
			Butterfly handle option at same price (up to DN25) Code F333K0***.1628								
			338N	Brass ball valve full bore	PN25	F338K0015.1643	015 - 1/2"		24	196	4,7
						F338K0020.1643	020 - 3/4"		16	265	4,2
F338K0025.1643	025 - 1"					10	449	4,5			
F338K0032.1643	032 - 1 1/4"					36	647	23,3			
F338K0040.1643	040 - 1 1/2"					24	891	21,4			
F338K0050.1643	050 - 2"					12	1464	17,6			
Butterfly handle option at same price (up to DN25) Code F338K0***.1644											
328	Brass ball valve with union	PN25				F328AF015.491	015 - 1/2"		9	190	1,7
						F328AF020.491	020 - 3/4"		6	280	1,7
						F328AF025.491	025 - 1"		4	480	1,9
			F328A032.133	032 - 1 1/4"		5	800	4,0			



OTHER BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
390	Ductile iron ball valve full bore	PN16	F3900I025.868	025 - 1"		1	4400	4,4
	Flanged Ends (EN1092-2 PN16) Lengths according EN558-1 series 14 (ex DIN3202 F4) (EN558-1 series 15, ex DIN3202 F5, for DN200) Handle in steel, chrome-plated brass ball Certified version for GAS also available Working conditions: Water: 0°C to +90°C; Air: -10°C to +100°C		F3900I032.868	032 - 1 1/4"		1	4400	4,4
			F3900I040.868	040 - 1 1/2"		1	5500	5,5
			F3900I050.868	050 - 2"		1	8500	8,5
			F3900I065.868	065 - 2 1/2"		1	11500	11,5
			F3900I080.868	080 - 3"		1	15500	15,5
			F3900I100.868	100 - 4"		1	20000	20,0
			F3900I125.868	125 - 5"		1	30000	30,0
			F3900I150.868	150 - 6"		1	36000	36,0
			F3900I200.868	200 - 8"		1	93000	93,0
			Versions with locking device or gearbox on request					
RESPON	Electric actuator		230VAC version ON/OFF					
	Supply voltage 230V or 24V ISO 5211 mount Protection degree IP67 Travel time 30 sec Working conditions: -25°C a +60°C Aluminium housing Signal Type : 1. Free Contact (ON-OFF Type) 2. 4-20mA, 1-5Vdc or 0-10Vdc Input (Modulating) 3. 4-20mA (Standard Feedback)		REA10B-230	050 - 080		1	2500	2,5
			REA20B-230	100		1	4200	4,2
			REA50B-230	125 - 150		1	8000	8,0
			REA100B-230	200		1	11500	11,5
			24VAC version ON/OFF					
			REA10B-24	050 - 080		1	2500	2,5
			REA20B-24	100		1	4200	4,2
			REA50B-24	125 - 150		1	8000	8,0
			REA100B-24	200		1	11500	11,5
			230VAC version 0-10V					
			REA10E-230	050 - 080		1	2600	2,6
			REA20E-230	100		1	4300	4,3
			REA50E-230	125 - 150		1	8100	8,1
			REA100E-230	200		1	11600	11,6
			24VAC version 0-10V					
			REA10E-24	050 - 080		1	2600	2,6
			REA20E-24	100		1	4300	4,3
			REA50E-24	125 - 150		1	8100	8,1
			REA100E-24	200		1	11600	11,6
380	Bronze ball valve full bore	PN40	F3800B010.916	010 - 3/8"		100	139	13,9
	Threaded F/F (ISO 228/1) Chrome-plated ball, blow-out proof stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +185°C; Air: -10°C to +185°C PN40 for DN≤50 up to 65°C, PN10 above PN25 for DN≥65 up to 65°C, PN10 above		F3800B015.916	015 - 1/2"		50	259	13,0
			F3800B020.916	020 - 3/4"		50	364	18,2
			F3800B025.916	025 - 1"		25	597	14,9
			F3800B032.916	032 - 1 1/4"		20	926	18,5
			F3800B040.916	040 - 1 1/2"		12	1414	17,0
			F3800B050.916	050 - 2"		8	2102	16,8
			F3800B065.916	065 - 2 1/2"		5	4366	21,8
			F3800B080.916	080 - 3"		2	6200	12,4
			Butterfly handle option at same price (up to DN50)					
380I Solar	Bronze ball valve full bore	PN40	F380HI015.2141	015 - 1/2"		50	259	13,0
	Threaded F/F (ISO 228/1) Stainless steel ball and stem, blow-out proof stem PTFE + graphite seats and grafoil packing Adjustable brass packing nut Working conditions: Water: -30°C to +200°C PN10 above 100°C		F380HI020.2141	020 - 3/4"		50	364	18,2
			F380HI025.2141	025 - 1"		25	597	14,9
			F380HI032.2141	032 - 1 1/4"		20	926	18,5
			F380HI040.2141	040 - 1 1/2"		12	1414	17,0
			F380HI050.2141	050 - 2"		8	2102	16,8



OTHER BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
340 Solar	Brass ball valve for high temperatures	PN25	F340H0010.1937	010 - 3/8"		125	120	15,0
	Threaded F/F (ISO 228/1) Chrome-plated ball, blow-out proof stem PTFE + graphite seats and grafoil packing Adjustable brass packing nut Working conditions: Water: -30°C to +180°C PN10 above 100°C		F340H0015.1937	015 - 1/2"		90	220	19,8
			F340H0020.1937	020 - 3/4"		60	305	18,3
			F340H0025.1937	025 - 1"		35	520	18,2
			F340H0032.1937	032 - 1 1/4"		25	815	20,4
			F340H0040.1937	040 - 1 1/2"		16	1210	19,4
			F340H0050.1937	050 - 2"		8	1805	14,4
			Butterfly handle option at same price (up to DN25) Code F340HF***.1938					
340 Acqua Safe	Brass ball valve for drinking water	PN40	F340AT015	015 - 1/2"		90	220	19,8
	Threaded F/F (ISO 228/1) Teflon-plated ball, special brass body, blow-out proof stem PTFE seats and packing, adjustable brass packing nut DM174 compliant: materials with low lead, nickel and chrome Working conditions: Water: 0°C to +150°C PN25 above 95°C		F340AT020	020 - 3/4"		60	305	18,3
			F340AT025	025 - 1"		35	520	18,2
			F340AT032	032 - 1 1/4"		25	815	20,4
			F340AT040	040 - 1 1/2"		16	1210	19,4
			F340AT050	050 - 2"		8	1805	14,4
340T	Brass ball valve full bore	600WOG	F339VR008.1202	008 - 1/4"		80	136	10,9
   Underwriters Laboratories Inc.  APPROVED  	Threaded F/F (NPT) Chrome-plated ball, blow-out proof stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +150°C; Air: -10°C to +150°C		F339VR010.1202	010 - 3/8"		80	116	9,3
			F339VR015.1202	015 - 1/2"		80	222	17,7
			F339VR020.1202	020 - 3/4"		60	321	19,3
			F339VR025.1202	025 - 1"		45	516	23,2
			F339VR032.1202	032 - 1 1/4"		30	773	23,2
			F339VR040.1202	040 - 1 1/2"		24	1260	30,2
			F339VR050.1202	050 - 2"		15	1830	27,4
			F339VR065.1202	065 - 2 1/2"		6	3751	22,5
			F339VR080.1202	080 - 3"		4	5132	20,5
			F339VR100.1202	100 - 4"		4	7780	31,1
Butterfly handle option at same price (up to DN50)								
340GS/343GS	Brass ball valve full bore with sealable square handle	PN25	340GS					
 340GS  343GS	340GS thread.F/F (ISO 228/1), 343GS thread. M/F (ISO 228/1) Chrome-plated ball, Blow-out proof stem PTFE Seats, FKM O-ring With sealable square handle Working conditions: Water: 0°C to +150°C PN16 above 95°C		F340GS015.2047	015 - 1/2"		80	196	15,7
			F340GS020.2047	020 - 3/4"		60	273	16,4
			F340GS025.2047	025 - 1"		40	421	16,8
			F340GS032.2047	032 - 1 1/4"		25	591	14,8
			F340GS040.2047	040 - 1 1/2"		16	1005	16,1
			F340GS050.2047	050 - 2"		8	1466	11,7
			343GS					
			F343GS015.2048	015 - 1/2"		80	198	15,8
			F343GS020.2048	020 - 3/4"		60	281	16,9
			F343GS025.2048	025 - 1"		40	441	17,6
			F343GS032.2048	032 - 1 1/4"		25	618	15,5
			F343GS040.2048	040 - 1 1/2"		16	1015	16,2
			F343GS050.2048	050 - 2"		8	1570	12,6



OTHER BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
5020/5028 	Bronze EZ press full port ball valve PN16 EZpress/EZpress (Fig. 5020) or Ezpress/F with tail piece (Fig. 5028) (European copper/steel tubing - ISO228/1) Bronze body, chr.-plated brass ball, blow-out proof brass stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +130°C; Air: -10°C to +130°C PN10 above 85°C		5020					
			F68P00012.1472	012		80	146	11,7
			F68P00015.1472	015		50	240	12,0
			F68P00018.1472	018		50	271	13,6
			F68P00022.1472	022		40	365	14,6
			F68P00028.1472	028		30	590	17,7
			F68P00035.1472	035		20	896	17,9
			F68P00042.1472	042		10	1389	13,9
			F68P00054.1472	054		6	2079	12,5
			5028					
			F687P0015.1472	015-3/4"		50	322	16,1
			F687P0018.1472	018-3/4"		50	332	16,6
			F687P0022.1472	022-3/4"		50	428	21,4
5021/5024 	Bronze EZ press full port ball valve PN16 Ezpress/M ends (Fig. 5021) or Ezpress/F ends (Fig. 5024) (European copper/steel tubing - ISO228/1) Bronze body, chr.-plated brass ball, blow-out proof brass stem PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +120°C; Air: -10°C to +120°C PN10 above 85°C		5021					
			F688P00015.1472	015-1/2"		50	250	12,5
			F688P00018.1472	018-1/2"		50	260	13,0
			F688P00022.1472	022-3/4"		40	370	14,8
			F688P00028.1472	028-1"		30	580	17,4
			F688P00035.1472	035-1 1/4"		20	900	18,0
			F688P00032.1472	042-1 1/2"		10	1570	15,7
			F688P00054.1472	054-2"		6	2490	14,9
			5024					
			F683P00015.2030	015-1/2"		50	245	12,3
			F683P00018.2030	018-1/2"		50	266	13,3
			F683P00022.2030	022-3/4"		40	359	14,4
			F683P00028.2030	028-1"		30	593	17,8
			F683P00035.2030	035-1 1/4"		20	926	18,5
			F683P00042.2030	042-1 1/2"		10	1587	15,9
			F683P00054.2030	054-2"		6	2484	14,9
5020LN 	Bronze EZ press full port ball valve PN16 EZpress/EZpress ends (European copper and steel tubing) Bronze body, chrome-plated brass ball PTFE seats and packing, adjustable brass packing nut Brass stem and packing nut extension Working conditions: Water: 0°C to +120°C; Air: -10°C to +120°C PN10 above 85°C		F68LN00012.1638	012		80	277	22,2
			F68LN00015.1638	015		50	343	17,2
			F68LN00018.1638	018		50	361	18,1
			F68LN00022.1638	022		40	473	18,9
			F68LN00028.1638	028		30	735	22,1
			F68LN00035.1638	035		20	1057	21,1
			F68LN00042.1638	042		10	1870	18,7
			F68LN00054.1638	054		6	2834	17,0
380LN 	Bronze Long Neck full port ball valve PN25 Threaded F/F (ISO 228/1) Bronze body, chrome-plated brass ball PTFE seats and packing, adjustable brass packing nut Brass stem and packing nut extension Working conditions: Water: 0°C to +150°C; Air: -10°C to +150°C PN16 above 95°C		F38LN00015.xxx	015 - 1/2"		50	351	17,6
			F38LN00020.xxx	020 - 3/4"		40	461	18,4
			F38LN00025.xxx	025 - 1"		30	741	22,2
			F38LN00032.xxx	032 - 1 1/4"		20	1117	22,3
			F38LN00040.xxx	040 - 1 1/2"		10	2266	22,7
			F38LN00050.xxx	050 - 2"		6	3644	21,9



POLYPROPYLENE BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
220	PP ball valve	PN16	F2200L008.247	008 - 1/4"		100	66	6,6
	Threaded F/F (ISO 228/1) Glass reinforced polyamide PA6 handle Ball and stem in brass PTFE seats, NBR O-ring Working conditions: Water: 0°C to +75°C		F2200L010.247	010 - 3/8"		100	64	6,4
			F2200L015.247	015 - 1/2"		50	83	4,2
			F2200L020.247	020 - 3/4"		40	125	5,0
			F2200L025.247	025 - 1"		25	256	6,4
			F2200L032.247	032 - 1 1/4"		15	389	5,8
			F2200L040.247	040 - 1 1/2"		10	671	6,7
			F2200L050.247	050 - 2"		6	1009	6,1
			Ball and stem in stainless steel, NPT or ISO 7/1Rp threads on request Butterfly handle option at same price (up to DN32) Code F2200L***.246					
228	PP copolymer ball valve	PN16	F2280N015.496	015 - 1/2"		50	82	4,1
	Threaded F/F (ISO 228/1) Glass reinforced polyamide PA6 handle Ball and stem in brass PTFE seats, NBR O-ring Working conditions: Water: -20°C to +75°C Ice-damaging resistant		F2280N020.496	020 - 3/4"		40	113	4,5
			F2280N025.496	025 - 1"		25	232	5,8
			Ball and stem in stainless steel, NPT or ISO 7/1Rp threads on request Butterfly handle option at same price Code F2280N***.499					
500	PP-R80 ball valve	PN20	F5000V020.400	020 - 3/4"		50	116	5,8
	Soldering ends (DIN 16962) Glass reinforced polyamide PA6 handle Ball and stem in brass Available in different colors PTFE seats, NBR O-ring Working conditions: Water: 0°C to +75°C		F5000V025.400	025 - 1"		25	135	3,4
			F5000V032.400	032 - 1 1/4"		15	189	2,8
			F5000V040.400	040 - 1 1/2"		10	347	3,5
			F5000V050.400	050 - 2"		6	517	3,1
			F5000V063.400	065 - 2 1/2"		5	935	4,7
			F5000V075.400	080 - 3"		4	1200	4,8
			Ball and stem in stainless steel on request Butterfly handle option at same price (up to DN32) Code F5000V***.414					
500I	PP-R80 under plaster ball valve	PN20	500IM	Triangular handle				
 	Soldering ends (DIN 16962) Chromium plated brass handle and plate Ball and stem in brass Available in different colors PTFE seats, NBR O-ring Working conditions: Water: 0°C to +75°C		F5000V020.448	020 - 3/4"		20	320	6,4
			F5000V025.448	025 - 1"		15	339	5,1
			F5000V032.448	032 - 1 1/4"		10	393	3,9
			500IS-L	Light cover and plate				
			F5000V020.447	020 - 3/4"		20	210	4,2
			F5000V025.447	025 - 1"		15	229	3,4
			F5000V032.447	032 - 1 1/4"		10	283	2,8
			500IS-H	Heavy cover and plate				
			F5000V020.428	020 - 3/4"		20	263	5,3
			F5000V025.428	025 - 1"		15	282	4,2
			F5000V032.428	032 - 1 1/4"		10	336	3,4



BALL BIB COCKS

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (g)	Wgt per carton (Kg)
310N	Brass ball bib cock  Threaded M (ISO 228/1) + hose union Ring and hose union in brass Chrome-plated ball, nickel-plated body, blow-out proof stem PTFE seats, NBR stem O-ring Also available with POM check valve embedded on thread Working conditions: Water: 0°C to +100°C	PN16	F310K0015.1779	015 - 1/2"		14	185	2,6
			F310K0020.1779	020 - 3/4"		8	278	2,2
			F310K0025.1779	025 - 1"		5	445	2,2
			Version with check valve					
			F310K0015.1917	015 - 1/2"		14	185	2,6
210	PP ball bib cock  Threaded M (ISO 228/1) + hose union Ring, hose union, inlet thread and stem in brass Chrome-plated ball PTFE seats, NBR O-ring Working conditions: Water: 0°C to +75°C	PN16	F2100L010.247	010 - 3/8"		50	149	7,5
			F2100L015.247	015 - 1/2"		40	153	6,1
			F2100L020.247	020 - 3/4"		25	246	6,2
			F2100L025.247	025 - 1"		15	397	6,0
			Butterfly handle option at same price Code F2101L***_246					
218	PP copolymer ball bib cock  Threaded M (ISO 228/1) + hose union Ring, hose union, inlet thread and stem in brass Chrome-plated ball PTFE seats, NBR O-ring Working conditions: Water: -20°C to +75°C Ice-damaging resistant	PN16	F2180N015.528	015 - 1/2"		40	146	5,8
			F2180N020.528	020 - 3/4"		25	236	5,9
			F2180N025.528	025 - 1"		15	378	5,7
			Butterfly handle option at same price Code F2180N***_668					
322	Boiler drain ball valve  Threaded M (ISO 228/1) + hose union Brass body, chrome-plated brass ball Working conditions: Water: 0°C to +95°C	PN16	F3220A010.1579	010 - 3/8"		100	125	12,5
			F3220A015.1579	015 - 1/2"		100	143	14,3
			F3220A020.1579	020 - 3/4"		100	157	15,7



BALL VALVES

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
30T - 30L 	3 ways "T" & "L" port brass ball valve PN16 Threaded F/F/F (ISO 228/1) Reduced bore valve Chrome-plated ball, nickel-plated body, two seats sealing PTFE seats and packing, adjustable brass packing nut Working conditions: Water: 0°C to +150°C; Air: -30°C to +150°C		30T					
			FT3Z0A010.130	010 - 3/8"		100	170	17,0
			FT3Z0A015.130	015 - 1/2"		80	260	20,8
			FT3Z0A020.130	020 - 3/4"		60	370	22,2
			FT3Z0A025.130	025 - 1"		40	650	26,0
			FT3Z0A032.130	032 - 1 1/4"		25	990	24,8
			FT3Z0A040.130	040 - 1 1/2"		15	1840	27,6
			FT3Z0A050.130	050 - 2"		10	2840	28,4
			30L					
			FL3Z0A010.130	010 - 3/8"		100	170	17,0
			FL3Z0A015.130	015 - 1/2"		80	260	20,8
			FL3Z0A020.130	020 - 3/4"		60	380	22,8
			FL3Z0A025.130	025 - 1"		40	680	27,2
			FL3Z0A032.130	032 - 1 1/4"		25	1000	25,0
			FL3Z0A040.130	040 - 1 1/2"		15	1860	27,9
			FL3Z0A050.130	050 - 2"		10	2970	29,7
3WL 	3 ways "L" port brass ball valve PN25 Threaded F/F/F (ISO 228/1) Reduced bore valve Chrome-plated ball, two PTFE seats sealing, FKM O-ring 2 threaded bosses for mounting of accessories Working conditions: Water: 0°C to +150°C; Air: -10°C to +150°C PN16 (or PN10 for DN≥65) when used with air or above 95°C		F3TL00010.847	010 - 3/8"		50	167	8,4
			F3TL00015.847	015 - 1/2"		50	214	10,7
			F3TL00020.847	020 - 3/4"		25	391	9,8
			F3TL00025.847	025 - 1"		25	599	15,0
			F3TL00032.847	032 - 1 1/4"		15	909	13,6
			F3TL00040.847	040 - 1 1/2"		10	1325	13,3
			F3TL00050.847	050 - 2"		6	2219	13,3
			F3TL00065.847	065 - 2 1/2"		3	3776	11,3
			F3TL00080.847	080 - 3"		2	5896	11,8
300T - 300L 	3 ways "T" & "L" port brass ball valve PN40 Threaded F/F/F (ISO 228/1) Reduced bore valve Chrome-plated ball, nickel-plated body, four seats sealing PTFE seats with FKM O-ring PTFE gasket, FKM O-ring (up to DN≤32, O-rings only above) Working conditions: Water: 0°C to +100°C		300T					
			FT3Z0A010.1415	010 - 3/8"		50	638	31,9
			FT3Z0A015.1415	015 - 1/2"		50	626	31,3
			FT3Z0A020.1415	020 - 3/4"		40	861	34,4
			FT3Z0A025.1415	025 - 1"		20	1479	29,6
			FT3Z0A032.1415	032 - 1 1/4"		15	1990	29,9
			FT3Z0A040.1415	040 - 1 1/2"		10	3664	36,6
			FT3Z0A050.1415	050 - 2"		5	5728	28,6
			300L					
			FL3Z0A010.1415	010 - 3/8"		50	645	32,3
			FL3Z0A015.1415	015 - 1/2"		50	633	31,7
			FL3Z0A020.1415	020 - 3/4"		40	864	34,6
			FL3Z0A025.1415	025 - 1"		20	1492	29,8
			FL3Z0A032.1415	032 - 1 1/4"		15	2046	30,7
			FL3Z0A040.1415	040 - 1 1/2"		10	3725	37,3
			FL3Z0A050.1415	050 - 2"		5	5860	29,3
Stem extensions 	90° Stem extension Extension for 90° lever Ver. with aluminum extension and brass tie rod for models: 340 - 343 - 348 - 350 - 360 - 380 Version with Nylon extension for models: 210 - 218 - 220 - 228 Version with steel extension and tie rod for models: 390 - 390G		Version for 340 - 343 - 348 - 350 - 360 - 380 models					
			K3000X008.277	008 - 010		250	30	7,5
			K3000X015.277	015 - 020		250	59	14,8
			K3000X025.277	025 - 032		100	78	7,8
			K3000X040.277	040 - 050		50	90	4,5
			Version for 210 - 218 - 220 - 228 models					
			KPR500015.918	Mis. 2		250	31	7,8
			KPR500025.918	Mis. 3		100	52	5,2
			KPR500040.918	Mis. 4		100	49	4,9
			Version for 390 - 390G models					
			KPR390040.266	040 - 050		500	31	15,5
			KPR390065.266	065 - 100		1000	52	52,0
			KPR390125.266	125 - 150		3000	49	147,0
			Mis. 2: Fig.220/228 DN015/DN020, Fig.210 DN020/DN025, Fig. 500 DN020/DN032					
			Mis. 2: Fig.220/228 DN025/DN032, Fig.500 DN040/DN050					
			Mis. 2: Fig.220/228 DN040/DN050, Fig.500 DN063/DN075					



BALL AND BUTTERFLY VALVES FOR GAS

Family code	Specifications	PN	VIR code	Size mm - inches		Pcs per Carton	Unit weight (kg)	Wgt per carton (Kg)
340G  EN331 euroGAS	Brass ball valve for gas Threaded F/F (ISO 228/1) Valve for gas according to EN331. full bore Chrome-plated ball, Blow-out proof stem PTFE Seats, FKM O-ring Working conditions: -20°C to +60°C Also available with locking device	PN25	F340GM008.792	008 - 1/4"		125	122	15,3
			F340GM010.792	010 - 3/8"		125	116	14,5
			F340GM015.792	015 - 1/2"		80	195	15,6
			F340GM020.792	020 - 3/4"		60	272	16,3
			F340GM025.792	025 - 1"		40	433	17,3
			F340GQ032.793	032 - 1 1/4"		25	603	15,1
			F340GQ040.793	040 - 1 1/2"		16	1034	16,5
			F340GQ050.793	050 - 2"		10	1495	15,0
Versione a farfalla disponibile allo stesso prezzo Codice F340GF***.874 (fino a DN32), F340GF***.871 (oltre) Butterfly handle option at same price Code F340GF***.874 (up to DN32), F340GF***.871 (above)								
343G  EN331 euroGAS	Brass ball valve for gas Threaded M/F (ISO 228/1) Valve for gas according to EN331. full bore Chrome-plated ball, Blow-out proof stem PTFE Seats, FKM O-ring Working conditions: -20°C to +60°C Also available with locking device	PN25	F343GM008.795	008 - 1/4"		125	123	15,4
			F343GM010.795	010 - 3/8"		125	120	15,0
			F343GM015.795	015 - 1/2"		75	197	14,8
			F343GM020.795	020 - 3/4"		50	280	14,0
			F343GM025.795	025 - 1"		30	453	13,6
			F343GQ032.796	032 - 1 1/4"		20	630	12,6
			F343GQ040.796	040 - 1 1/2"		12	1044	12,5
			F343GQ050.796	050 - 2"		8	1599	12,8
Versione a farfalla disponibile allo stesso prezzo Codice F343GF***.872 (fino a DN32), F343GF***.873 (oltre) Butterfly handle option at same price Code F343GF***.872 (up to DN32), F343GF***.873 (above)								
390G  EN331 euroGAS	Ductile iron ball valve for gas Flanged Ends (EN1092-2 PN16) Lengths according EN558-1 series 14 (ex DIN3202 F4) Handle in steel, chrome-plated brass ball Valve for gas according to DVGW 3574-1 Working conditions: -20°C to +60°C Versions with locking device, gearbox or actuator on request	PN16	F3900I025.867	025 - 1"		1	3500	3,5
			F3900I032.867	032 - 1 1/4"		1	5300	5,3
			F3900I040.867	040 - 1 1/2"		1	6600	6,6
			F3900I050.867	050 - 2"		1	8800	8,8
			F3900I065.867	065 - 2 1/2"		1	11400	11,4
			F3900I080.867	080 - 3"		1	14000	14,0
			F3900I100.867	100 - 4"		1	17000	17,0
			F3900I125.867	125 - 5"		1	30000	30,0
			F3900I150.867	150 - 6"		1	37000	37,0
			F3900I200.867	200 - 8"		1	84000	84,0
4321  EN331 euroGAS	LUG type ductile iron butterfly valve for gas Lug type (suitable for EN1092 PN16 flanges) Body in GGG40, SS420 stainless steel stem Disc in GGG40 RILSAN coated NBR seats, NBR O-ring, PTFE bushings Comply to UNI9245:1988/A1 Working conditions: -10°C a +90°C Supplied with lockable lever	PN10	F4321L025.931	025 - 1"		1	1400	1,4
			F4321L032.931	032 - 1 1/4"		1	1400	1,4
			F4321L040.931	040 - 1 1/2"		1	2000	2,0
			F4321L050.931	050 - 2"		1	3200	3,2
			F4321L065.931	065 - 2 1/2"		1	4000	4,0
			F4321L080.931	080 - 3"		1	6100	6,1
			F4321L100.931	100 - 4"		1	8500	8,5
			F4321L125.931	125 - 5"		1	10000	10,0
			F4321L150.931	150 - 6"		1	11000	11,0
			F4321L200.931	200 - 8"		1	19600	19,6
			F4321L250.931	250 - 10"		1	28700	28,7
			F4321L300.931	300 - 12"		1	41200	41,2



TERMS AND CONDITION OF SALE

- 1 **VALIDITY AND RIGHT TO AMEND:** any contract stipulated between VIR S.p.A., based in Valduggia (VC), Via Circonvallazione 10, C.F. / P. IVA 00166310029 (afterwards referred to as VIR) and the Buyer shall be subject to the present "TERMS AND CONDITIONS OF SALE", which substitute any previously issued document of the same nature. Any variation to the present "TERMS AND CONDITIONS OF SALE" must be agreed upon in writing by both Parties.
- 2 **ORDER:** the contract / order shall be deemed as accepted by VIR only upon the issuing of an official order confirmation; upon receipt of the same, the Buyer loses any right to cancel said order.
- 3 **PRICES:** the prices are expressed in € (EURO) currency, and do not include VAT (Valued Added Tax). Prices refer to the price list currently in force at the time of entering into the contract. Any variation to the prices indicated in the price list may be applied by VIR without prior notice.
- 4 **PACKING:** in absence of a different agreement, the prices include VIR's standard packing. No return of packaging is accepted.
- 5 **RIGHT OF PROPERTY - PASSING OF RISK:** VIR reserves the right of property over any goods shipped or delivered until the complete payment has been made in VIR's favour. During the transport, the risk of damage, theft and loss is on the Buyer's account, even in the case of freight free shipments.
- 6 **DELIVERY TERMS:** if no delivery term has been specifically agreed upon, delivery of the goods shall be considered as EX WORKS Valduggia (VC). Should an alternative delivery term be agreed upon, it shall be in accordance with the INCOTERMS in force at the time of entering into the agreement. Delivery terms are indicative and take into consideration the lead time from the receipt of the order to the dispatch of the goods from VIR's warehouse; the delivery terms do not take into account any transit times. No responsibility for direct or indirect damages due to shipment delays, if any, shall be accepted. Failure to respect a delivery date shall not bring about the resolution of the contract.
- 7 **"PAYMENTS:** all payments must be settled in VIR's favour within the terms and agreements specified in the sales contract. Exceeding the date of maturity, VIR shall be entitled to:
 - claim penalty interest from the date of maturity at the current rate;
 - suspend shipments of any pending orders;The Buyer is not entitled to withhold payment or deduct any counterclaim against VIR as security for any claim that the Buyer may have on VIR."
- 8 **TERMINATION CLAUSE:** the non-payment of an invoice within the agreed upon terms gives VIR the right to request the immediate payment of said invoice, the return of the goods, as well as considering the sales contract as concluded. Should a sum have already been paid by the Buyer, VIR will consider this as compensation, subject to any right VIR may have in demanding any additional damage compensation.
- 9 **COMPLAINTS:** any complaint must be communicated in writing to VIR within 10 days of receipt of the goods. Upon prior written agreement with VIR, the faulty parts will be returned freight free, before replacement. Should the Buyer receive a VIR shipment with either damaged packaging, missing goods or an excess of goods, he must specify this clearly in writing on the shipment document upon receipt of the goods as being "subject to acceptance". Such document must also be sent to VIR within one day of goods receipt.
- 10 **GUARANTEE:** the standard guarantee applied to all the VIR products is of 12 calendar months from the invoice date. The guarantee shall no longer apply in case of any default in the established payment terms, in case of tampering and installation or use of the goods which is not compliant to VIR's specifications.
- 11 **DISCLAIM OF LIABILITY:** the guarantee is limited exclusively to the replacement of items found to be faulty by VIR and does not hold the latter responsible for the reimbursement of any indemnity for damages caused by the use or breakage of the product sold. . . .
- 12 **DISPUTES, APPLICABLE LAW, VENUE:** in case of controversies, any disputes shall be governed by the Italian law and the competent forum shall be Vercelli; the language of arbitration shall be Italian.



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