



Plastic valves & fittings for industry

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2014/68/EU Directive - Risk category I / module A - PVC-U body & ball - TPV seat - EPDM gaskets - ABS lever - Full bore - Supplied with solvent cement socket ends as standard - PS: 10 bar - TS: 0°C/+55°C.



W1 - PVC-U

d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
mandatory pack code	20	20	20	10	10	10	1	1	1
	5100WC015	5100WC020	5100WC025	5100WC032	5100WC040	5100WC050	5100WC065	5100WC080	5100WC100

2014/68/EU Directive - Risk category I / module A - PTFE seats - EPDM or FKM gaskets - ABS lever - Full bore.



CL1 - PVC-U

PVC-U body & ball - Anti-UV protection - PS: 10 bar - TS: 0°C/+55°C.

d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
EPDM gaskets code	5100SC015	5100SC020	5100SC025	5100SC032	5100SC040	5100SC050	5100SC065	5100SC080	5100SC100
FKM gaskets code	5101SC015	5101SC020	5101SC025	5101SC032	5101SC040	5101SC050	5101SC065	5101SC080	5101SC100
spare threaded union	ECL1CT02	ECL1CT03	ECL1CT04	ECL1CT05	ECL1CT06	ECL1CT07	ECL1CT08	ECL1CT09	ECL1CT10

CL1 - PP

PP body & ball - PS: 10 bar - Supplied with solvent cement socket ends as standard (option for threaded unions) - TS: +10°C/+80°C.



d (mm)	20	25	32	40	50	63	75	90
DN	15	20	25	32	40	50	65	80
EPDM gaskets code	5110SC015	5110SC020	5110SC025	5110SC032	5110SC040	5110SC050	5110SC065	5110SC080
FKM gaskets code	5111SC015	5111SC020	5111SC025	5111SC032	5111SC040	5111SC050	5111SC065	5111SC080
spare threaded union	ECL1PT02	ECL1PT03	ECL1PT04	ECL1PT05	ECL1PT06	ECL1PT07	ECL1PT08	ECL1PT09

2014/68/EU Directive - Risk category I / module A2 - PCV-U body and ball - PTFE seat - EPDM gaskets - ABS lever - Full bore - Supplied with solvent cement socket ends - PS: 16 bar up to DN50, 10 bar above - TS: 0°C/+60°C.



B1 - PVC-U

d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
code	5100PC015	5100PC020	5100PC025	5100PC032	5100PC040	5100PC050

97/23/EC Directive - Risk category I / module A - PTFE seats - EPDM or FKM gaskets - ABS lever.



C200 - PVC-U

PVC-U body, ball & stem - Supplied with solvent cement socket ends as standard - PS: 16 bar - TS: 0°C/+60°C.



d (mm)	16	20	25	32	40	50	63
DN	10	15	20	25	32	40	50
EPDM gaskets code	5100AC010	5100AC015	5100AC020	5100AC025	5100AC032	5100AC040	5100AC050
FKM gaskets code	-	5101AC015	5101AC020	5101AC025	5101AC032	5101AC040	5101AC050
spare threaded union	-	EC20CT02	EC20CT03	EC20CT04	EC20CT05	EC20CT06	EC20CT07

C200 - PP

PP body, ball & stem - Supplied with socket ends to be welded as standard - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	16	20	25	32	40	50	63
DN	10	15	20	25	32	40	50
EPDM gaskets code	5110AC010	5110AC015	5110AC020	5110AC025	5110AC032	5110AC040	5110AC050
FKM gaskets code	5111AC010	5111AC015	5111AC020	5111AC025	5111AC032	5111AC040	5111AC050

Spare PE electrofusion welding male socket

For C200 - PVC-U & C200 - PP.



DN	15	20	25	32	40	50
code	EC20EP020	EC20EP025	EC20EP032	EC20EP040	EC20EP050	EC20EP063

Dosing valve

C200P - PVC-U

PVC-U body, ball & stem - PTFE seat - Supplied with solvent cement socket ends as standard - PS: 16 bar - TS: 0°C/+60°C - 0-90° graduation (scale 5°).



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
Kv (l/min)	90	160	250	400	620	850
EPDM gaskets code	6000BC015	6000BC020	6000BC025	6000BC032	6000BC040	6000BC050

Excluded from 2014/68/EU directive (article 4, §3) - PVC-U body & ball - TPV seat - EPDM gaskets - Full bore - Threaded connections & 8/10/12 fluted nozzle -PS: 10 bar - TS: 0°C/+55°C.

Microvalve

KVS1 - PVC-U



Ø	1/4"	1/2"
code	5100KT00	5100KT02

Actuated plastic ball valves

All our pneumatic actuated plastic ball valves are designed for a compressed air supply of 6 bar - Other air supply pressure on request.

All our electric actuated plastic ball valves are equipped with a 230V AC actuator as standard - Other power supply on request.

⚠ ΔP Max.: 10 bar.

■ Pneumatic actuated plastic ball valves

B1 - PVC-U - Ball valve with plastic pneumatic actuator

PVC-U body & ball - PS: 16 bar up to DN50, 10 bar above - TS: 0°C/+60°C.



d (mm)	DN	double acting	
		actuator	code
20	15	PP00	5100PC015012103
25	20	PP00	5100PC020012103
32	25	PP00	5100PC025012103
40	32	PP00	5100PC032012103
50	40	PP00	5100PC040012103
63	50	PP00	5100PC050012103

d (mm)	DN	spring return	
		actuator	code
20	15	PP00S	5100PC015012123
25	20	PP00S	5100PC020012123
32	25	PP00S	5100PC025012123
40	32	PP00S	5100PC032012123
50	40	PP00S	5100PC040012123
63	50	PP10S	5100PC050012126

■ Electric actuated plastic ball valves

B1 - PVC-U - Ball valve with electric actuator

PVC-U body & ball - PS: 16 bar up to DN50, 10 bar above - TS: 0°C/+60°C.



d (mm)	DN	actuator	code
20	15	TCR05	5100PC015024310
25	20	TCR05	5100PC020024310
32	25	TCR05	5100PC025024310
40	32	TCR05	5100PC032024310
50	40	TCR05	5100PC040024310
63	50	TCR05	5100PC050024310

PNEUMATIC

ELECTRIC

Actuated plastic ball valves

All our pneumatic actuated plastic ball valves are designed for a compressed air supply of 6 bar - Other air supply pressure on request.
All our electric actuated plastic ball valves are equipped with a 230V AC actuator as standard - Other power supply on request.
⚠ ΔP Max.: 10 bar.

■ Pneumatic actuated plastic ball valves



CL1 - PVC-U - Ball valve with plastic pneumatic actuator

PVC-U body & ball - PS: 10 bar - TS: 0°C/+55°C.



d (mm)	DN	double acting	
		actuator	code
EPDM gaskets			
75	65	PP10	5100SC065012106
90	80	PP10	5100SC080012106
110	100	PP20	5100SC100012109
FKM gaskets			
75	65	PP10	5101SC065012106
90	80	PP10	5101SC080012106
110	100	PP20	5101SC100012109



d (mm)	DN	spring return	
		actuator	code
EPDM gaskets			
75	65	PP10S	5100SC065012126
90	80	PP10S	5100SC080012126
110	100	PP20S	5100SC100012129
FKM gaskets			
75	65	PP10S	5101SC065012126
90	80	PP10S	5101SC080012126
110	100	PP20S	5101SC100012129

CL1 - PP - Ball valve with plastic pneumatic actuator

PP body & ball - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	DN	double acting		
		actuator	code	
EPDM gaskets				
75	65	PP10	5110SC065012106	
90	80	PP10	5110SC080012106	
FKM gaskets				
75	65	PP10	5111SC065012106	
90	80	PP10	5111SC080012106	



d (mm)	DN	spring return	
		actuator	code
EPDM gaskets			
75	65	PP10S	5110SC065012126
90	80	PP10S	5110SC080012126
FKM gaskets			
75	65	PP10S	5111SC065012126
90	80	PP10S	5111SC080012126

C200 - PVC-U - Ball valve with plastic pneumatic actuator

PVC-U body & ball - PS: 16 bar - TS: 0°C/+60°C.



d (mm)	DN	double acting	
		actuator	code
EPDM gaskets			
20	15	PPW	5100AC015012100
25	20	PPW	5100AC020012100
32	25	PPW	5100AC025012100
40	32	PPW	5100AC032012100
50	40	PP00	5100AC040012103
63	50	PP00	5100AC050012103
FKM gaskets			
20	15	PPW	5101AC015012100
25	20	PPW	5101AC020012100
32	25	PPW	5101AC025012100
40	32	PPW	5101AC032012100
50	40	PP00	5101AC040012103
63	50	PP00	5101AC050012103



d (mm)	DN	spring return	
		actuator	code
EPDM gaskets			
20	15	PPWS	5100AC015012120
25	20	PPWS	5100AC020012120
32	25	PP00S	5100AC025012123
40	32	PP00S	5100AC032012123
50	40	PP10S	5100AC040012126
63	50	PP10S	5100AC050012126
FKM gaskets			
20	15	PPWS	5101AC015012120
25	20	PPWS	5101AC020012120
32	25	PP00S	5101AC025012123
40	32	PP00S	5101AC032012123
50	40	PP10S	5101AC040012126
63	50	PP10S	5101AC050012126

C200 - PP - Ball valve with plastic pneumatic actuator

PP body & ball - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	DN	double acting	
		actuator	code
EPDM gaskets			
20	15	PPW	5110AC015012100
25	20	PPW	5110AC020012100
32	25	PPW	5110AC025012100
40	32	PPW	5110AC032012100
50	40	PP00	5110AC040012103
63	50	PP00	5110AC050012103
FKM gaskets			
20	15	PPW	5111AC015012100
25	20	PPW	5111AC020012100
32	25	PPW	5111AC025012100
40	32	PPW	5111AC032012100
50	40	PP00	5111AC040012103
63	50	PP00	5111AC050012103



d (mm)	DN	spring return	
		actuator	code
EPDM gaskets			
20	15	PPWS	5110AC015012120
25	20	PPWS	5110AC020012120
32	25	PP00S	5110AC025012123
40	32	PP00S	5110AC032012123
50	40	PP10S	5110AC040012126
63	50	PP10S	5110AC050012126
FKM gaskets			
20	15	PPWS	5111AC015012120
25	20	PPWS	5111AC020012120
32	25	PP00S	5111AC025012123
40	32	PP00S	5111AC032012123
50	40	PP10S	5111AC040012126
63	50	PP10S	5111AC050012126

Electric actuated plastic ball valves

CL1 - PVC-U - Ball valve with electric actuator

PVC-U body & ball - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	DN	actuator	code
EPDM gaskets			
75	65	TCR05N	5100SC065024310
90	80	TCR05N	5100SC080024310
110	100	TCR05N	5100SC100024310
FKM gaskets			
75	65	TCR05N	5101SC065024310
90	80	TCR05N	5101SC080024310
110	100	TCR05N	5101SC100024310



d (mm)	DN	actuator	code
EPDM gaskets			
75	65	SA03	5100SC065023000
90	80	SA05	5100SC080023010
110	100	SA05	5100SC100023010
FKM gaskets			
75	65	SA03	5101SC065023000
90	80	SA05	5101SC080023010
110	100	SA05	5101SC100023010

CL1 - PP - Ball valve with electric actuator

PP body & ball - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	DN	actuator	code
EPDM gaskets			
75	65	TCR05N	5110SC065024310
90	80	TCR05N	5110SC080024310
FKM gaskets			
75	65	TCR05N	5111SC065024310
90	80	TCR05N	5111SC080024310



d (mm)	DN	actuator	code
EPDM gaskets			
75	65	SA03	5110SC065023000
90	80	SA05	5110SC080023010
FKM gaskets			
75	65	SA03	5111SC065023000
90	80	SA05	5111SC080023010

C200 - PVC-U - Ball valve with electric actuator

PVC-U body & ball - PS: 16 bar - TS: 0°C/+60°C.



d (mm)	DN	actuator	code
EPDM gaskets			
20	15	TCR02N	5100AC015024110
25	20	TCR02N	5100AC020024110
32	25	TCR02N	5100AC025024110
40	32	TCR02N	5100AC032024110
50	40	TCR02N	5100AC040024110
63	50	TCR02N	5100AC050024110
FKM gaskets			
20	15	TCR02N	5101AC015024110
25	20	TCR02N	5101AC020024110
32	25	TCR02N	5101AC025024110
40	32	TCR02N	5101AC032024110
50	40	TCR02N	5101AC040024110
63	50	TCR02N	5101AC050024110



d (mm)	DN	actuator	code
EPDM gaskets			
20	15	SA03	5100AC015023000
25	20	SA03	5100AC020023000
32	25	SA03	5100AC025023000
40	32	SA03	5100AC032023000
50	40	SA03	5100AC040023000
63	50	SA03	5100AC050023000
FKM gaskets			
20	15	SA03	5101AC015023000
25	20	SA03	5101AC020023000
32	25	SA03	5101AC025023000
40	32	SA03	5101AC032023000
50	40	SA03	5101AC040023000
63	50	SA03	5101AC050023000

C200 - PP - Ball valve with electric actuator

PP body & ball - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	DN	actuator	code
EPDM gaskets			
20	15	TCR02N	5110AC015024110
25	20	TCR02N	5110AC020024110
32	25	TCR02N	5110AC025024110
40	32	TCR02N	5110AC032024110
50	40	TCR02N	5110AC040024110
63	50	TCR02N	5110AC050024110
FKM gaskets			
20	15	TCR02N	5111AC015024110
25	20	TCR02N	5111AC020024110
32	25	TCR02N	5111AC025024110
40	32	TCR02N	5111AC032024110
50	40	TCR02N	5111AC040024110
63	50	TCR02N	5111AC050024110



d (mm)	DN	actuator	code
EPDM gaskets			
20	15	SA03	5110AC015023000
25	20	SA03	5110AC020023000
32	25	SA03	5110AC025023000
40	32	SA03	5110AC032023000
50	40	SA03	5110AC040023000
63	50	SA03	5110AC050023000
FKM gaskets			
20	15	SA03	5111AC015023000
25	20	SA03	5111AC020023000
32	25	SA03	5111AC025023000
40	32	SA03	5111AC032023000
50	40	SA03	5111AC040023000
63	50	SA03	5111AC050023000

2014/68/EU Directive - Risk category I / module A - Between flanges PN10 - EPDM or FKM seat - Stainless steel stem - Anti-UV protection - ABS lever up to DN200, cast iron gearbox above - PS: 10 bar.



PL1 - PVC-U

PVC-U body - Reinforced PP disc - TS: 0°C/+55°C.

d (mm)	50	63	75	90	110	140	160	225	280	315
DN	40	50	65	80	100	125	150	200	250	300
face to face (mm)	34	44	46	57	60	66	72	82	92	98
EPDM seat code	5300SW040	5300SW050	5300SW065	5300SW080	5300SW100	5300SW125	5300SW150	5300SW200	5300SW250	5300SW300
FKM seat code	-	5301SW050	5301SW065	5301SW080	5301SW100	5301SW125	5301SW150	5301SW200	-	-



PL1 - PP

PP body - Reinforced PP disc - TS: +10°C/+80°C.

d (mm)	63	75	90	110	140	160	225
DN	50	65	80	100	125	150	200
face to face (mm)	43	46	49	58	64	70	88
EPDM seat code	5310SW050	5310SW065	5310SW080	5310SW100	5310SW125	5310SW150	5310SW200

2014/68/EU Directive N°1115 - Risk category I / module A2 - Between flanges PN10 - EPDM or FKM seat - Stainless steel stem - Anti-UV protection - ABS lever - Locking handle from DN150 to DN200 - PS: 10 bar.



1115



PL2 - PVC-U

PVC-U body - PVC-U disc - TS: 0°C/+60°C.

d (mm)	75	90	110	140	160	225
DN	65	80	100	125	150	200
face to face (mm)	48	59	59,5	65	69	71
EPDM seat code	5300EW065	5300EW080	5300EW100	5300EW125	5300EW150	5300EW200
FKM seat code	5301EW065	5301EW080	5301EW100	5301EW125	5301EW150	5301EW200



PL2 - PP

PP body - Reinforced PP disc - TS: 0°C/+100°C.

d (mm)	75	90	110	140	160	225
DN	65	80	100	125	150	200
face to face (mm)	48	59	59,5	65	69	71
EPDM seat code	5310EW065	5310EW080	5310EW100	5310EW125	5310EW150	5310EW200
FKM seat code	5311EW065	5311EW080	5311EW100	5311EW125	5311EW150	5311EW200



PVC PN10 flanges set

DN	40	50	65	80	100	125	150	200
code	982030	982031	982032	982033	982034	982035	982036	982037

Actuated PVC butterfly valves

All our pneumatic actuated plastic ball valves are designed for a compressed air supply of 6 bar - Other air supply pressure on request.
All our electric actuated plastic ball valves are equipped with a 230V AC actuator as standard - Other power supply on request.
PS: 10 bar - ⚠ **Max. ΔP: 10 bar.**

■ Pneumatic actuated PVC butterfly valves

PL1 - PVC-U - Butterfly valve with pneumatic actuator

PVC-U body - Reinforced PP disc - TS: 0°C/+55°C.



DN	face to face (mm)	double acting	
		actuator	code
40	34	PP00	5300SW040012103
50	44	PP00	5300SW050012103
65	46	PP00	5300SW065012103
80	57	PP10	5300SW080012106
100	60	PP10	5300SW100012106
125	66	PP20	5300SW125012109
150	72	PP20	5300SW150012109
200	82	PP20	5300SW200012109
250	92	RE116	5300SW250017011R
300	98	RE126	5300SW300017012R



DN	face to face (mm)	spring return	
		actuator	code
40	34	PP10S	5300SW040012126
50	44	PP10S	5300SW050012126
65	46	PP10S	5300SW065012126
80	57	PP10S	5300SW080012126
100	60	PP20S	5300SW100012129
125	66	PP20S	5300SW125012129
150	72	RES116	5300SW150017111R
200	82	RES116	5300SW200017111R
250	92	RES161	5300SW250017114R
300	98	RES161	5300SW300017114R

PL2 - PVC-U - Butterfly valve with pneumatic actuator

PVC-U body - PVC-U disc - TS: 0°C/+60°C.



DN	face to face (mm)	double acting	
		actuator	code
65	48	PP00	5300EW065012103
80	59	PP10	5300EW080012106
100	59,5	PP10	5300EW100012106
125	65	PP20	5300EW125012109
150	69	PP20	5300EW150012109
200	71	PP20	5300EW200012109



DN	face to face (mm)	spring return	
		actuator	code
65	48	PP10S	5300EW065012126
80	59	PP10S	5300EW080012126
100	59,5	PP20S	5300EW100012129
125	65	PP20S	5300EW125012129
150	69	RES116	5300EW150017111R
200	71	RES116	5300EW200017111R

■ Pneumatic actuated PP butterfly valves

PL1 - PP - Butterfly valve with pneumatic actuator

PP body - Reinforced PP disc - TS: +10°C/+80°C.



DN	face to face (mm)	EPDM seat double acting	
		actuator	code
50	44	PP00	5310SW050012103
65	46	PP00	5310SW065012103
80	57	PP10	5310SW080012106
100	60	PP10	5310SW100012106
125	66	PP20	5310SW125012109
150	72	PP20	5310SW150012109
200	82	PP20	5310SW200012109



DN	face to face (mm)	EPDM seat spring return	
		actuator	code
50	44	PP10S	5310SW050012126
65	46	PP10S	5310SW065012126
80	57	PP10S	5310SW080012126
100	60	PP20S	5310SW100012129
125	66	PP20S	5300SW125012129
150	72	RES116	5310SW150017111R
200	82	RES116	5310SW200017111R

PL2 - PP - Butterfly valve with pneumatic actuator

PP body - Reinforced PP disc - TS: 0°C/+100°C.



DN	face to face (mm)	double acting	
		actuator	code
65	48	PP00	5310EW065012103
80	59	PP10	5310EW080012106
100	59,5	PP10	5310EW100012106
125	65	PP20	5310EW125012109
150	69	PP20	5310EW150012109
200	71	PP20	5310EW200012109



DN	face to face (mm)	spring return	
		actuator	code
65	48	PP10S	5310EW065012126
80	59	PP10S	5310EW080012126
100	59,5	PP20S	5310EW080012129
125	65	PP20S	5310EW125012129
150	69	RES116	5310EW150017111R
200	71	RES116	5310EW200017111R

■ Electric actuated PVC butterfly valves

PL1 - PVC-U - Butterfly valve with electric actuator

PVC-U body - Reinforced PP disc - TS: 0°C/+55°C.



DN	face to face (mm)	actuator	code
40	34	TCR05	5300SW040024310
50	44	TCR05	5300SW050024310
65	46	TCR05	5300SW065024310
80	57	TCR05	5300SW080024310
100	60	TCR05	5300SW100024310
125	66	TCR11	5300SW125024610
150	72	TCR11	5300SW150024610
200	82	TCR11	5300SW200024610
250	92	TCR40	5300SW250024720
300	98	TCR40	5300SW300024720



DN	face to face (mm)	actuator	code
40	34	SA05	5300SW040023010
50	44	SA05	5300SW050023010
65	46	SA05	5300SW065023010
80	57	SA05	5300SW080023010
100	60	SA05	5300SW100023010
125	66	NA06	5300SW125023110
150	72	NA09	5300SW150023120
200	82	NA15	5300SW200023130
250	92	NA28	5300SW250023150
300	98	NA38	5300SW300023160

PL2 - PVC-U - Butterfly valve with electric actuator

PVC-U body - PVC-U disc - TS: 0°C/+60°C.



DN	face to face (mm)	actuator	code
65	48	TCR05	5300EW065024310
80	59	TCR05	5300EW080024310
100	59,5	TCR05	5300EW100024310
125	65	TCR11	5300EW125024610
150	69	TCR11	5300EW150024610
200	71	TCR11	5300EW200024610



DN	face to face (mm)	actuator	code
65	48	SA05	5300EW065023010
80	59	SA05	5300EW080023010
100	59,5	SA05	5300EW100023010
125	65	SA06	5300EW125023110
150	69	NA09	5300EW150023120
200	71	NA15	5300EW200023130

■ Electric actuated PP butterfly valves

PL1 - PP - Butterfly valve with electric actuator

PP body - Reinforced PP disc - TS: +10°C/+80°C.



DN	face to face (mm)	actuator	code
50	44	TCR05	5310SW050024310
65	46	TCR05	5310SW065024310
80	57	TCR05	5310SW080024310
100	60	TCR05	5310SW100024310
125	66	TCR11	5310SW125024610
150	72	TCR11	5310SW150024610
200	82	TCR11	5310SW200024610



DN	face to face (mm)	actuator	code
50	44	SA05	5310SW050023010
65	46	SA05	5310SW065023010
80	57	SA05	5310SW080023010
100	60	SA05	5310SW100023010
125	66	NA06	5310SW125023110
150	72	NA09	5310SW150023120
200	82	NA15	5310SW200023130

PL2 - PP - Butterfly valve with electric actuator

PP body - Reinforced PP disc - TS: +10°C/+100°C.



DN	face to face (mm)	actuator	code
65	48	TCR05	5310EW065024310
80	59	TCR05	5310EW080024310
100	59,5	TCR05	5310EW100024310
125	65	TCR11	5310EW125024610
150	69	TCR11	5310EW150024610
200	71	TCR11	5310EW200024610



DN	face to face (mm)	actuator	code
65	48	SA05	5310EW065023010
80	59	SA05	5310EW080023010
100	59,5	SA05	5310EW100023010
125	65	SA06	5310EW125023110
150	69	NA09	5310EW150023120
200	71	NA15	5310EW200023130

Actuators

SIL 2 (& SIL 3 capable) - Valve mounting acc. to ISO 5211- Limit switch box bracket connection acc. to NAMUR 1 - Solenoid pilot valve connection acc. to NAMUR VDI/DE 3845 - Rack and pinion actuator - 90° operating angle - Reinforced fiberglass polyamide body - Position indicator - TS: -32°C/+90°C - Max. air supply: 8 bar - Air supply connection 1/4" - C € II 2 GD c T6.



PP - Double acting

type	avail. torque (Nm) at air supply 6 bar	ISO		code
PPW	17	F04	11	012100
PP00	25	F05	14	012103
PP10	71	F05/F07	17	012106
PP20	165	F07	22	012109

PPS - Spring return

type	avail. torque (Nm) at air supply 6 bar	ISO		code
PPWS	10,6 6,5	F04	11	012120
PP00S	13,7 11,3	F05	14	012123
PP10S	40,2 30,8	F05/F07	17	012126
PP20S	101,3 64,2	F07	22	012129

Y-strainer

FYC - PVC-U

PVC-U body & unions - Double union construction - EPDM gaskets - PP screen - Mesh 0,8 mm - Supplied with solvent cement socket ends - PS: 6 bar - TS: 0°C/+60°C.



d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
code	5600HC015	5600HC020	5600HC025	5600HC032	5600HC040	5600HC050	5600HC065	5600HC080	5600HC100

Check valves

Check valves - Double union construction



CV1 - PVC-U

PVC-U body & clack - EPDM or FKM seat & gaskets - Double union construction - Anti-UV protection - Stainless steel spring included - Horizontal or vertical mounting - Supplied with solvent cement socket ends as standard - PS: 10 bar - TS: 0°C/+55°C.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
EPDM seat & gaskets code	5500SC015EF	5500SC020EF	5500SC025EF	5500SC032EF	5500SC040EF	5500SC050EF
FKM seat & gaskets code	5501SC015EF	5501SC020EF	5501SC025EF	5501SC032EF	5501SC040EF	5501SC050EF
spare threaded union	ECCVCT02	ECCVCT03	ECCVCT04	ECCVCT05	ECCVCT06	ECCVCT07

CV1 - PP

PP body & clack - EPDM or FKM seat & gaskets - Double union construction - Stainless steel spring included - Horizontal or vertical mounting - Supplied with socket ends to be welded as standard - PS: 10 bar - TS: +10°C/+80°C.



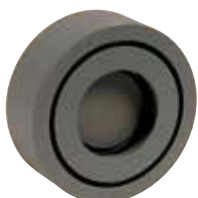
d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
EPDM seat & gaskets code	5510SC015EF	5510SC020EF	5510SC025EF	5510SC032EF	5510SC040EF	5510SC050EF
FKM seat & gaskets code	5511SC015EF	5511SC020EF	5511SC025EF	5511SC032EF	5511SC040EF	5511SC050EF

Disc check valve



DISCO - PVC-U

PVC-U body & clack - EPDM or FKM gaskets - Stainless steel spring - Horizontal or vertical mounting - Between flanges PN10 - PS: 6 bar - TS: 0°C/+60°C.



DN	15	20	25	32	40	50	65	80	100
EPDM gaskets code	5500DW015	5500DW020	5500DW025	5500DW032	5500DW040	5500DW050	5500DW065	5500DW080	5500DW100
FKM gaskets code	5501DW015	5501DW020	5501DW025	5501DW032	5501DW040	5501DW050	5501DW065	5501DW080	5501DW100

■ not on stock, on request.



Swing check valves

CS1 - PVC-U

PVC-U body & clack - EPDM or FKM gaskets - Stainless steel spring - Horizontal or vertical mounting - Between flanges PN10 - PS: 10 bar - TS: 0°C/+60°C.



DN	32	40	50	65	80	100	125	150
EPDM gaskets code	5500CW032	5500CW040	5500CW050	5500CW065	5500CW080	5500CW100	5500CW125	5500CW150
FKM gaskets code	5501CW032	5501CW040	5501CW050	5501CW065	5501CW080	5501CW100	5501CW125	5501CW150

■ not on stock, on request.

RSK1 - PP

PP body & clack - EPDM or FKM gaskets - Stainless steel spring - Spring not included - Horizontal or vertical mounting - Between flanges PN10 - PS: 6 bar - TS: +10°C/+90°C.



DN	32	40	50	65	80	100	125	150
EPDM gaskets code	5510AW032	5510AW040	5510AW050	5510AW065	5510AW080	5510AW100	5510AW125	5510AW150
FKM gaskets code	5511AW032	5511AW040	5511AW050	5511AW065	5511AW080	5511AW100	5511AW125	5511AW150
spring code	RIK032	RIK040	RIK050	RIK065	RIK080	RIK100	RIK100	RIK150

■ not on stock, on request.

CB1 - PVC-U - Ball Check Valves - Double union construction

PVC-U body & ball - EPDM or FKM seat & gaskets - Double union construction - Vertical mounting - Supplied with solvent cement socket ends as standard - PS: 10 bar - TS: +0°C / +55°C.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
EPDM seat & gaskets code	5500PC015	5500PC020	5500PC025	5500PC032	5500PC040	5500PC050
FKM seat & gaskets code	5501PC015	5501PC020	5501PC025	5501PC032	5501PC040	5501PC050
spare threaded union	ECCVCT02	ECCVCT03	ECCVCT04	ECCVCT05	ECCVCT06	ECCVCT07

Foot valves

FFV - PVC-U

PVC-U body - EPDM gaskets - Vertical mounting - Between flanges PN10 - PS: 10 bar - TS: 0°C/+55°C.



DN	65	80	100	150
code	5500FB065	5500FB080	5500FB100	5500FB150

CRECL - PVC-U Strainer basket

PVC-U strainer basket - Suitable for CV1/CB1 - ⚠ Check valve not included.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
code	CRECL02	CRECL03	CRECL04	CRECL05	CRECL06	CRECL07

97/23/EC Directive - Risk category I / module A - EPDM diaphragm & gaskets or PTFE diaphragm & FKM gaskets - PS: 10 bar.



MV310 - PVC-U

PVC-U body - Supplied with female connections to be welded up to DN50, with male connections above - TS: 0°C/+60°C.



d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
EPDM diaphragm code	5400CC015	5400CC020	5400CC025	5400CC032	5400CC040	5400CC050	5400CM065	5400CM080	5400CM100
PTFE diaphragm code	5402CC015	5402CC020	5402CC025	5402CC032	5402CC040	5402CC050	5402CM065	5402CM080	5402CM100

MV310 - PP

PP body - TS: +10°C/+80°C.



d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
EPDM diaphragm code	5410CC015	5410CC020	5410CC025	5410CC032	5410CC040	5410CC050	5410CM065	5410CM080	5410CM100
PTFE diaphragm code	-	-	-	-	5412CC040	5412CC050	5412CM065	5412CM080	5412CM100

■ Pneumatic actuated diaphragm valves

MV309 - PVC-U

PVC-U body - PS: 6 bar - TS: 0°C/+60°C - Max. air supply 6 bar - Air supply connection 1/4" or Namur. **Normally open version on request.**



	normally closed			
d (mm)	20	25	32	40
DN	15	20	25	32
EPDM gaskets code	5400BC015NF	5400BC020NF	5400BC025NF	5400BC032NF
FKM gaskets code	5402BC015NF	5402BC020NF	5402BC025NF	5402BC032NF

MV309 - PP

PP body - PS: 6 bar - TS: +10°C/+80°C - Max. air supply 6 bar - Air supply connection 1/4" or Namur.

PP

	normally closed			
d (mm)	20	25	32	40
DN	15	20	25	32
EPDM gaskets code	5410BC015NF	5410BC020NF	5410BC025NF	5410BC032NF
FKM gaskets code	5412BC015NF	5412BC020NF	5412BC025NF	5412BC032NF

Position indicator



NEW

	code
2 mechanical SPDT switches	54IDP
Angled inlet ES31 - M12	983510

Namur solenoid pilot valves, see page 181



Solenoid valves

Normally closed (opening under tension) - Coil insulation class F - IP65 - T30 connector - Horizontal mounting - Coil on the top.

IP 65

PE220 - PTFE

PTFE body - PTFE coated NBR obturator - PS: 0,1 to 1 bar - TS: -10°C/+90°C - 5 mm bore - Threaded connections.



Ø	230V 50Hz	24V DC	24V 50Hz
	code	code	code
3/8"	6432ST01	6432ST51	6432ST11
1/2"	6432ST02	6432ST52	6432ST12
spare coil	980550	980552	980551



EV150 - PVC-U

PVC-U body - PTFE bellow - EPDM tightness - TS: 0°C/+60°C - Solvent cement connections.



d (mm)	DN	PS (bar)	Kv (l/min)	230V 50Hz	24V DC	24V 50Hz
				code	code	code
15	10	0 - 2	20,7	6400BF01	6400BF51	6400BF11
20	15	0 - 1	29,7	6400BF02	6400BF52	6400BF12
25	20	0 - 0,5	53,0	6400BF03	6400BF53	6400BF13
spare coil				980270	980272	980271



■ not on stock, on request.

EV160 - PVC-U

PVC-U body - EPDM membrane - PS: 0,3 to 6 bar - TS: 0°C/+60°C - Solvent cement connections.



d (mm)	DN	Kv (l/min)	230V 50Hz	24V DC	24V 50Hz	48V 50Hz
			code	code	code	
20	15	3,1	6400CF02	6400CF52	6400CF12	6400CF32
25	20	9,8	6400CF03	6400CF53	6400CF13	6400CF33
32	25	10,3	6400CF04	6400CF54	6400CF14	6400CF34
40	32	23,2	6400CF05	6400CF55	6400CF15	6400CF35
spare coil			980280	980282	980281	980283



Pressure reducing valves

DMV755 - PVC-U

PVC-U body - EPDM gaskets - PTFE coated EPDM membrane - Supplied with solvent cement socket ends - PS: 10 bar - TS: 0°C/+50°C - Downstream setting range: 1 to 9 bar - Downstream pressure connection 1/4" - Pressure gauge not included.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
code	5800AC015	5800AC020	5800AC025	5800AC032	5800AC040	5800AC050

DMV755 - PP

PP body - EPDM or FKM gaskets - PTFE coated EPDM membrane - Supplied with solvent cement socket ends - PS: 10 bar - TS: +10°C/+70°C - Downstream setting range: 1 to 9 bar - Downstream pressure connection 1/4" - Pressure gauge not included.



d (mm)	16	20	25	32	40	50	63
DN	10	15	20	25	32	40	50
EPDM gaskets code	5810AC010	5810AC015	5810AC020	5810AC025	5810AC032	5810AC040	5810AC050
FKM gaskets code	5811AC010	5811AC015	5811AC020	5811AC025	5811AC032	5811AC040	5811AC050

Overflow valves

DHV718 - PVC-U

PVC-U body - EPDM gaskets - PTFE coated EPDM membrane - Supplied with solvent cement socket ends - PS: 10 bar - TS: 0°C/+50°C - Upstream setting range: 0,5 to 10 bar.



d (mm)	16	20	25	32	40	50	63
DN	10	15	20	25	32	40	50
code	5900CC010	5900CC015	5900CC020	5900CC025	5900CC032	5900CC040	5900CC050

DHV718 - PP

PP body - EPDM gaskets - PTFE coated EPDM membrane - Supplied with solvent cement socket ends - PS: 10 bar - TS: +10°C/+70°C - Upstream setting range: 0,5 to 10 bar.



d (mm)	16	20	25	32	40	50	63
DN	10	15	20	25	32	40	50
code	5910CC010	5910CC015	5910CC020	5910CC025	5910CC032	5910CC040	5910CC050

DHV712 - PVC-U - DN65 to 100

PVC-U body - EPDM gaskets - PTFE coated EPDM membrane - Patented piston - Male connections or flange PN10 - PS: 10 bar, except 6 bar for DN100 - TS: 0°C/+50°C - Upstream setting range: 0,3 to 4 bar.



d (mm)	75	90	110
DN	65	80	100
male code	5900BM065	5900BM080	5900BM100
flange PN10 code	5900BB065	5900BB080	5900BB100

Float valve**RF1 - PVC-U**

PVC-U body - EPDM gaskets - Stainless steel lever - PE float - PS: 10 bar up to 1"1/4, 5 bar above - TS: 0°C/+60°C.



Ø	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"
code	6200RT015	6200RT020	6200RT025	6200RT032	6200RT040	6200RT050	6200RT065	6200RT080

Water jet pump**SP820 - PVC-U**

PVC-U body - EPDM gaskets - PS: 10 bar - TS: 0°C/+60°C - Supplied with solvent cement socket ends - 1 mm nozzle bore.



d (mm)	16	20	25	32	40	50	63
DN	10	15	20	25	32	40	50
suction d1 (mm)	16	16	16	32	40	50	63
suction DN	10	10	10	25	32	40	50
code	6000AC010	6000AC015	6000AC020	6000AC025	6000AC032	6000AC040	6000AC050

Air vents**BE1 - PVC-U**

PVC-U body - PP clack - EPDM or FKM gaskets - Vertical mounting - Solvent cement socket connection - PS: 10 bar - TS: 0°C/+60°C.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
EPDM gaskets code	5500LC015	5500LC020	5500LC025	5500LC032	5500LC040	5500LC050
FKM gaskets code	5501LC015	5501LC020	5501LC025	5501LC032	5501LC040	5501LC050

BE1 - PP

PP body & clack - EPDM gaskets - Vertical mounting - Welding cement socket connection - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
EPDM gaskets code	5510LC015	5510LC020	5510LC025	5510LC032	5510LC040	5510LC050

Sight glass**VISOR - PVC-U**

PVC-U body & union - Transparent PVC-U pipe - EPDM gasket - Supplied with solvent cement socket ends - Horizontal or vertical mounting - PS: 10 bar - TS: 0°C/+60°C.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
code	6200CC015	6200CC020	6200CC025	6200CC032	6200CC040	6200CC050

Flowmeter**EPR1 - Webbed wheel flowmeter**

PVC-U body - FKM gaskets - PP rotor - Accuracy: +/- 3% - Fluid speed 0,3-10 m/s - Maximum viscosity: 300 cSt - Power supply: 10-36V DC - Outputs: pulses, 4-20 mA, RS485 - 2 programmable thresholds NPN or PNP - Display and parameter setting screen - IP 66 - Totalization function - Reset on screen - Solvent cement socket ends - M12 connector connection +2m wire - PS: 10 bar - TS: 0°C/+60°C.



d (mm)	DN	face to face	range (l/h)	code
32	25	144	340-11300	6170020
40	32	159	530-17670	6170025
50	40	189	1350-45230	6170040
63	50	216	2120-70680	6170050

Flowmeter

DFM - PVC with float

PVC-U body & tube - PDVF float - EPDM gaskets - ⚠ I/h scale for water at 20°C (other fluids please consult) - Vertical position, upstream flow - Supplied with solvent cement socket ends - ⚠ Not for compressed air - PS: 10 bar - TS: 0°C/+50°C.



d (mm)	DN	range (l/h)	standard float	magnetic float
			code	code
16	10	10-100	6100AC010H04	6100AC010H04M
20	15	5-50	6100BC015H02	-
		15-150	6100BC015H05	-
		25-250	6100BC015H06	-
		40-400	6100BC015H07	6100BC015H07M
25	20	15-150	6100CC020H05	-
		40-400	6100CC020H07	6100CC020H07M
		60-600	6100CC020H08	-
		100-1000	6100CC020H09	-
32	25	25-250	6100DC025H06	-
		40-400	6100DC025H07	6100DC025H07M
		100-1000	6100DC025H09	-
		150-1500	6100DC025H10	-
32	25	60-600	6100EC025H08	6100EC025H08M
		100-1000	6100EC025H09	6100EC025H09M
40	32	150-1500	6100EC032H10	6100EC032H10M
50	40	200-2000	6100EC040H11	6100EC040H11M
40	32	250-2500	6100EC032H12	6100EC032H12M
50	40	300-3000	6100EC040H13	6100EC040H13M
63	50	400-4000	6100EC050H14	-
		600-6000	6100EC050H15	6100EC050H15M
		1000-10000	6100EC050H16	6100EC050H16M
75	65	1500-15000	6100EC065H17	6100EC065H17M
		2500-25000	6100EC065H18	6100EC065H18M
		10000-50000	6100EC065H19	-

ZE951 - Magnetic bistable contact

Cutting power 10VA / 230V AC / 0,5A - IP65 connector.



	code
NO without flow	61951NO
NC without flow	61951NF

Pressure gauge separators

MDM902 - PVC-U

PVC-U body - PTFE coated EPDM membrane - PP-FV upper part - PS: 10 bar - TS: 0°C/+60°C.



d (mm)	25	25	32	32
Ø	1/4"	1/4"	1/2"	1/2"
Ø mano.	1/4"	1/2"	1/4"	1/2"
code	6303AM02044	6303AM02042	6303AM02524	6303AM02522

MDM902 - PP

PP body - PTFE coated EPDM membrane - PP-FV upper part - PS: 10 bar - TS: +10°C/+80°C.



d (mm)	25	25	32	32
Ø	1/4"	1/4"	1/2"	1/2"
Ø mano.	1/4"	1/2"	1/4"	1/2"
code	6313AM02044	6313AM02042	6313AM02524	6313AM02522

MDM118 - PTFE

PTFE body & gaskets - PTFE coated stainless steel 316 membrane - Stainless steel 316 upper part - PS: -1 to 10 bar - TS: 0°C/+120°C - Supplied without pressure gauge.



d (mm)	15	15
Ø mano.	1/4"	1/2"
code	6333NB0154	6333NB0152



Pressure gauges,
see page 214

PP cam-lock couplings



MIL-C-27487 & A-A-59326 - Fiberglass reinforced PP body - EPDM gasket - F304 cams - PS: 6 bar - TS: 0°C/+70°C.



Female adaptor A

DN	15	20	25	32	40	50	80	100
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"
code	2211004	2211005	2211006	2211007	2211008	2211009	2211011	2211012



Male coupling B

DN	15	20	25	32	40	50	80	100
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"
code	2212004	2212005	2212006	2212007	2212008	2212009	2212011	2212012



Hose coupling C

DN	15	20	25	32	40	50	80	100
Ø (mm)	20	25	32	40	50	63	90	110
code	2213004	2213005	2213006	2213007	2213008	2213009	2213011	2213012



Female coupling D

DN	15	20	25	32	40	50	80	100
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"
code	2214004	2214005	2214006	2214007	2214008	2214009	2214011	2214012



Hose adaptor E

DN	15	20	25	32	40	50	80	100
Ø (mm)	20	25	32	40	50	63	90	110
code	2215004	2215005	2215006	2215007	2215008	2215009	2215011	2215012



Male adaptor F

DN	15	20	25	32	40	50	80	100
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"
code	2216004	2216005	2216006	2216007	2216008	2216009	2216011	2216012



Cap coupling DC

DN	15	20	25	32	40	50	80	100
code	2217004	2217005	2217006	2217007	2217008	2217009	2217011	2217012



Cap adaptor DP

DN	20	25	32	40	50	80	100	
code	-	2218005	2218006	2218007	2218008	2218009	2218011	2218012

PP Guillemin symmetrical couplings



NF-E 29572 - PP body - White NBR gasket - PS: 6 bar - TS: 0°C/+70°C.



Female coupling with lock

DN	40	50	80
Ø	1 1/2"	2"	3"
code	2434040	2434050	2434080



Male coupling with lock

DN	40	50	80
Ø	1 1/2"	2"	3"
code	2433040	2433050	2433080



Double reduced

DN	80
DN reduced	50
code	2432081



Hose coupling with lock

DN	40	50	80
Ø	40	50	80
code	2430040	2430050	2430080



Cap with lock

DN	40	50	80
code	2437040	2437050	2437080



Spanners,
see page 281



PVC-U fittings

PVC-U body - PS: 16 bar up to DN150, 10 bar above - TS: 0°C/+60°C -
Mandatory packing: 10 pcs up to d 90 or d1 90; individual packing above.



Elbow 90°

Female connections to be glued.

d (mm)	16	20	25	32	40	50	63	75	90	110	125	140	160	200
DN	10	15	20	25	32	40	50	65	80	100	125	125	150	200
code	C90CC016	C90CC020	C90CC025	C90CC032	C90CC040	C90CC050	C90CC063	C90CC075	C90CC090	C90CC110	C90CC125	C90CC140	C90CC160	C90CC200



Elbow 45°

Female connections to be glued.

d (mm)	16	20	25	32	40	50	63	75	90	110	125	140	160
DN	10	15	20	25	32	40	50	65	80	100	125	125	150
code	C45CC016	C45CC020	C45CC025	C45CC032	C45CC040	C45CC050	C45CC063	C45CC075	C45CC090	C45CC110	C45CC125	C45CC140	C45CC160



Equal tee 90°

Female connections to be glued.

d (mm)	16	20	25	32	40	50	63	75	90	110	125	140	160	200
DN	10	15	20	25	32	40	50	65	80	100	125	125	150	200
code	TECC016	TECC020	TECC025	TECC032	TECC040	TECC050	TECC063	TECC075	TECC090	TECC110	TECC125	TECC140	TECC160	TECC200



Reduced tee 90°

Female connections to be glued.

d (mm)	25x20	32x20	32x25	40x20	40x25	40x32	50x20	50x25	50x32	50x40	63x25	63x32	63x40
DN	20x15	25x15	25x20	32x15	32x20	32x25	40x15	40x20	40x25	40x32	50x20	50x25	50x32
code	TERCC2520	TERCC3220	TERCC3225	TERCC4020	TERCC4025	TERCC4032	TERCC5020	TERCC5025	TERCC5032	TERCC5040	TERCC6325	TERCC6332	TERCC6340

d (mm)	63x50	75x50	90x63	90x75	110x90
DN	50x40	65x40	80x50	80x65	100x80
code	TERCC6350	TERCC7550	TERCC9063	TERCC9075	TERCC11090



Tee 45°

Female connections to be glued.

d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
code	TE45CC20	TE45CC25	TE45CC32	TE45CC40	TE45CC50	TE45CC63

Male nipple

Male threaded.



Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	MECT02	MECT03	MECT04	MECT05	MECT06	MECT07

3 piece union

EPDM tightness - DIN 8063 - Female connections to be glued - PS: 16 bar up to DN50, 10 bar above.



d (mm)	16	20	25	32	40	50	63	75	90
DN	10	15	20	25	32	40	50	65	80
code	U3PCC016	U3PCC020	U3PCC025	U3PCC032	U3PCC040	U3PCC050	U3PCC063	U3PCC075	U3PCC090

Threaded collar for 3 piece union

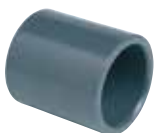
EPDM tightness - DIN 8063 - Female threaded - PS: 16 bar up to 2", 10 bar above.



d (mm)	16	20	25	32	40	50	63	75
Ø	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
code	CU3PCT01	CU3PCT02	CU3PCT03	CU3PCT04	CU3PCT05	CU3PCT06	CU3PCT07	CU3PCT08

Female socket

Female connections to be glued.



d (mm)	16	20	25	32	40	50	63	75	90	110	125	140	160	200
DN	10	15	20	25	32	40	50	65	80	100	125	125	150	200
code	MCC016	MCC020	MCC025	MCC032	MCC040	MCC050	MCC063	MCC075	MCC090	MCC110	MCC125	MCC140	MCC160	MCC200

Adaptor

Male (d1) & female (d2) connections to be glued - Male threaded.



d1 (mm)	20	25	32	40	50	63
d2 (mm)	16	20	25	32	40	50
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	EACM1602	EACM2003	EACM2504	EACM3205	EACM4006	EACM5007

Threaded nipple with ring

Stainless steel reinforcement ring -
Female connection to be glued (d) - Female threaded.



d (mm)	20	25	32	40	50	63
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	MRCM2002	MRCM2503	MRCM3204	MRCM4005	MRCM5006	MRCM6307

Hose connection

Male connection to be glued (d1) - Hose connection (d2).



d1 (mm)	16	20	25	32	40	50	63
d2 (mm)	16/18	20/22	25/27	30/32	40/42	50/52	60/64
DN	10	15	20	25	32	40	50
code	ECCC16	ECCC20	ECCC25	ECCC32	ECCC40	ECCC50	ECCC63

Collar for striated face flange

Female connection to be glued.



d (mm)	20	25	32	40	50	63	75	90	110	125	140	160	200	225	250	315
DN	15	20	25	32	40	50	65	80	100	125	125	150	200	225	250	300
code	GJPC020	GJPC025	GJPC032	GJPC040	GJPC050	GJPC063	GJPC075	GJPC090	GJPC110	GJPC125	GJPC140	GJPC160	GJPC200	GJPC225	GJPC250	GJPC315

Flange

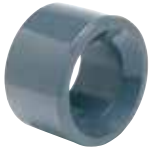
DIN 8063.



d (mm)	20	25	32	40	50	63	75	90	110	125	140	160	200	225	250	315
DN	15	20	25	32	40	50	65	80	100	125	125	150	200	225	250	300
code	BTC020	BTC025	BTC032	BTC040	BTC050	BTC063	BTC075	BTC090	BTC110	BTC125	BTC140	BTC160	BTC200	BTC225	BTC250	BTC315

Reduction

Male (d1) & female (d2) connections to be glued - PS: 16 bar.



d1 (mm)	20	25	25	32	32	40	40	40	50	50	50	63	63	63	75	75	75
d2 (mm)	16	16	20	20	25	20	25	32	25	32	40	32	40	50	40	50	63
code	RSCC2016	RSCC2516	RSCC2520	RSCC3220	RSCC3225	RSCC4020	RSCC4025	RSCC4032	RSCC5025	RSCC5032	RSCC5040	RSCC6332	RSCC6340	RSCC6350	RSCC7540	RSCC7550	RSCC7563

d1 (mm)	90	90	90	110	110	110	125	125	125	140	140	140	160	160	160	160
d2 (mm)	50	63	75	63	75	90	75	90	110	90	110	125	90	110	125	140
code	RSCC9050	RSCC9063	RSCC9075	RSCC11063	RSCC11075	RSCC11090	RSCC12575	RSCC12590	RSCC125110	RSCC14090	RSCC140110	RSCC140125	RSCC16090	RSCC160110	RSCC160125	RSCC160140

Double reduction

Male (d1) & female (d2 & d3) connections to be glued - PS: 16 bar.

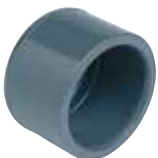


d1 (mm)	25	25	32	32	32	40	40	40	50	50	50	63	63	63	75	75	75
d2 (mm)	20	20	25	25	25	32	32	32	40	40	40	50	50	50	63	63	63
d3 (mm)	16	20	16	20	25	20	25	32	25	32	40	32	40	50	40	50	63
code	RDCC252016	RDCC252020	RDCC322516	RDCC322520	RDCC322525	RDCC403220	RDCC403225	RDCC403232	RDCC504025	RDCC504032	RDCC504040	RDCC635032	RDCC635040	RDCC635050	RDCC756340	RDCC756350	RDCC756363

d1 (mm)	90	90	90	110	110	110	110	125	125	125	125	140	140	160
d2 (mm)	75	75	75	90	90	90	90	110	110	110	110	125	125	140
d3 (mm)	50	63	75	50	63	75	90	63	75	90	110	90	110	110
code	RDCC907550	RDCC907563	RDCC907575	RDCC1109050	RDCC1109063	RDCC1109075	RDCC1109090	RDCC1251063	RDCC12511075	RDCC12511090	RDCC125110110	RDCC14012590	RDCC140125110	RDCC160140110

Cap

Female connection to be glued.



d (mm)	16	20	25	32	40	50	63
DN	10	15	20	25	32	40	50
code	BCC016	BCC020	BCC025	BCC032	BCC040	BCC050	BCC063

Expansion joint

Female connections to be welded.



d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
axial movement (mm)	54	60	68	74	81	95	108	122	149
code	CDDEC020	CDDEC025	CDDEC032	CDDEC040	CDDEC050	CDDEC063	CDDEC075	CDDEC090	CDDEC110



PVC solvent cement 965 ml Tite'n fast

code	COLPVC01
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Cleaning agent 1 l - PVC PLUDET 1000

code	DECAP01
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PP fittings

PP body - PS: 10 bar - TS: +10°C/+80°C.



Elbow 90°

Female connections to be welded.



d (mm)	20	25	32	40	50	63	75	90
DN	15	20	25	32	40	50	65	80
code	C90PS020	C90PS025	C90PS032	C90PS040	C90PS050	C90PS063	C90PS075	C90PS090

Elbow 45°

Female connections to be welded.



d (mm)	20	25	32	40	50	63	75	90
DN	15	20	25	32	40	50	65	80
code	C45PS020	C45PS025	C45PS032	C45PS040	C45PS050	C45PS063	C45PS075	C45PS090

Equal tee 90°

Female connections to be welded.



d (mm)	20	25	32	40	50	63	75	90
DN	15	20	25	32	40	50	65	80
code	TEPS020	TEPS025	TEPS032	TEPS040	TEPS050	TEPS063	TEPS075	TEPS090

Female socket

Female connections to be welded.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
code	MPS020	MPS025	MPS032	MPS040	MPS050	MPS063

Threaded collar for 3 piece union

DIN 8063 - Female threaded.



d (mm)	20	25	32	40	50	63
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	CU3PPT02	CU3PPT03	CU3PPT04	CU3PPT05	CU3PPT06	CU3PPT07

3 piece union

EPDM tightness - DIN 8063 - Female connections to be welded.



d (mm)	20	25	32	40	50	63
DN	15	20	25	32	40	50
code	U3PPS020	U3PPS025	U3PPS032	U3PPS040	U3PPS050	U3PPS063



Threaded nipple BSP

Female connection to be welded (d) - Female threaded.

d (mm)	20	25	32	40	50	63
Ø	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	MTPM2002	MTPM2503	MTPM3204	MTPM4005	MTPM5006	MTPM6307



Collar for striated face flange

Female connection to be welded.

d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
code	CJPPS020	CJPPS025	CJPPS032	CJPPS040	CJPPS050	CJPPS063	CJPPS075	CJPPS090	CJPPS110



Flange

PE - Reinforced with fiberglass - Connections according to ISO 7005/EN 1092/DIN 2501.

d (mm)	20	25	32	40	50	63	75	90	110
DN	15	20	25	32	40	50	65	80	100
code	BTP020	BTP025	BTP032	BTP040	BTP050	BTP063	BTP075	BTP090	BTP110



Reduction

Male (d1) & female (d2) connections to be welded.

d1 (mm)	25	32	40	40	50	50	63	63
d2 (mm)	20	25	25	32	32	40	40	50
code	RSPS2520	RSPS3225	RSPS4025	RSPS4032	RSPS5032	RSPS5040	RSPS6340	RSPS6350



O-ring for union

	d (mm)	20	25	32	40	50	63	75	90
EPDM	code	JTUE020	JTUE025	JTUE032	JTUE040	JTUE050	JTUE063	JTUE075	JTUE090
FKM	code	JTUF020	JTUF025	JTUF032	JTUF040	JTUF050	JTUF063	JTUF075	JTUF090



Flat gasket for collar

	d (mm)	20	25	32	40	50	63	75	90	110	125	140	160	200
EPDM	code	JPCE020	JPCE025	JPCE032	JPCE040	JPCE050	JPCE063	JPCE075	JPCE090	JPCE110	JPCE125	JPCE140	JPCE160	JPCE200

Medium	Concentration	Formula	T°C	Solution	PVC-U	PP	PVDF	PTFE	EPDM	FPM
Hydrochloric acid	30	HCl	40	Aqueous	+	o	+	+	+	+
Hydrochloric acid	30	HCl	20	Aqueous	+	+	+	+	+	+
Hydrochloric acid	30	HCl	60	Aqueous	o	o	+	+	o	o
Hydrochloric acid	30	HCl	80	Aqueous		-	+	+		
Hydrochloric acid	30	HCl	100	Aqueous			+	+		
Hydrochloric acid	30	HCl	120	Aqueous						
Hydrofluoric acid	70	HF	20	Aqueous	o	o	+	+	-	o
Hydrofluoric acid	70	HF	40	Aqueous			+	+		
Hydrofluoric acid	70	HF	60	Aqueous			+	+		
Hydrofluoric acid	70	HF	80	Aqueous			+	+		
Hydrofluoric acid	70	HF	100	Aqueous			+	+		
Hydrofluoric acid	70	HF	120	Aqueous						
Ammonia	25	NH ₄ OH	20	Aqueous	+	+	-	+	+	+
Ammonia	25	NH ₄ OH	40	Aqueous	+	+		+	+	o
Ammonia	25	NH ₄ OH	60	Aqueous	o	+		+	+	
Ammonia	25	NH ₄ OH	80	Aqueous				+		
Ammonia	25	NH ₄ OH	100	Aqueous				+		
Ammonia	25	NH ₄ OH	120	Aqueous						
Sulphuric acid	96	H ₂ SO ₄	20	Aqueous	+	-	+	+	-	+
Sulphuric acid	96	H ₂ SO ₄	40	Aqueous	o		+	+		
Sulphuric acid	96	H ₂ SO ₄	60	Aqueous			+	+		
Sulphuric acid	96	H ₂ SO ₄	80	Aqueous			o	+		
Sulphuric acid	96	H ₂ SO ₄	100	Aqueous			-	+		
Sulphuric acid	96	H ₂ SO ₄	120	Aqueous						
Sulphuric acid	50	H ₂ SO ₄	20	Aqueous	+	+	+	+	+	+
Sulphuric acid	50	H ₂ SO ₄	40	Aqueous	+	+	+	+	+	+
Sulphuric acid	50	H ₂ SO ₄	60	Aqueous	o	+	+	+	o	+
Sulphuric acid	50	H ₂ SO ₄	80	Aqueous			+	+		o
Sulphuric acid	50	H ₂ SO ₄	100	Aqueous			+	+		
Sulphuric acid	50	H ₂ SO ₄	120	Aqueous						
Ferric chloride	50	FeCl ₃	20	Aqueous	+	+	+	+	+	+
Ferric chloride	50	FeCl ₃	40	Aqueous	+	+	+	+	+	+
Ferric chloride	50	FeCl ₃	60	Aqueous		+	+	+	+	+
Ferric chloride	50	FeCl ₃	80	Aqueous		+	+	+	+	+
Ferric chloride	50	FeCl ₃	100	Aqueous			+	+	o	+
Ferric chloride	50	FeCl ₃	120	Aqueous						
Methyl alcohol	100	CH ₃ O	20	Pure	+	+	+	+	+	o
Methyl alcohol	100	CH ₃ O	40	Pure	+	+	+	+	+	o
Methyl alcohol	100	CH ₃ O	60	Pure	o	+	+	+	+	o
Methyl alcohol	100	CH ₃ O	80	Pure			+	+		
Methyl alcohol	100	CH ₃ O	100	Pure			+	+		
Methyl alcohol	100	CH ₃ O	120	Pure						
Sodium hydroxide	30	NaOH	20	Aqueous	+	+	-	+	+	o
Sodium hydroxide	30	NaOH	40	Aqueous	+	+		+	+	-
Sodium hydroxide	30	NaOH	60	Aqueous		+		+	+	
Sodium hydroxide	30	NaOH	80	Aqueous				+		

+ = resistant
 o = limited resistance
 - = non-resistant
 empty = not tested at the specified temperature

The above manual is not binding and does not imply Syveco's responsibility.

Medium	Concentration	Formula	T°C	Solution	PVC-U	PP	PVDF	PTFE	EPDM	FPM
Sodium hydroxide	30	NaOH	100	Aqueous				+		
Sodium hydroxide	30	NaOH	120	Aqueous				+		
Sodium hypochlorite	12,5% Cl	NaClO	20	Aqueous	+	o	o			
Sodium hypochlorite	12,5% Cl	NaClO	40	Aqueous	+	-	o	+	o	+
Sodium hypochlorite	12,5% Cl	NaClO	60	Aqueous	o		-	+		
Sodium hypochlorite	12,5% Cl	NaClO	80	Aqueous				+		
Sodium hypochlorite	12,5% Cl	NaClO	100	Aqueous				+		
Sodium hypochlorite	12,5% Cl	NaClO	120	Aqueous				+		
Hydrogen sulfide	100	H ₂ S	20	Gas	+	+	+			
Hydrogen sulfide	100	H ₂ S	40	Gas	+	+	+	+	+	-
Hydrogen sulfide	100	H ₂ S	60	Gas	+	+	+	+	o	
Hydrogen sulfide	100	H ₂ S	80	Gas			+	+	-	
Hydrogen sulfide	100	H ₂ S	100	Gas			+	+		
Hydrogen sulfide	100	H ₂ S	120	Gas				+		
Demineralised water	100	H ⁺ O	20	Pure	+	+	+			
Demineralised water	100	H ⁺ O	40	Pure	+	+	+	+	+	+
Demineralised water	100	H ⁺ O	60	Pure	+	+	+	+	+	+
Demineralised water	100	H ⁺ O	80	Pure		+	+	+	o	+
Demineralised water	100	H ⁺ O	100	Pure			+	+	-	+
Demineralised water	100	H ⁺ O	120	Pure			+	+		+
Calcium hydroxide	SAT	Ca(OH) ₂	20	Aqueous	+	+	o	+		+
Calcium hydroxide	SAT	Ca(OH) ₂	40	Aqueous	+	+	o	+	+	+
Calcium hydroxide	SAT	Ca(OH) ₂	60	Aqueous	+	+	o	+	+	o
Calcium hydroxide	SAT	Ca(OH) ₂	80	Aqueous		+	-	+	+	o
Calcium hydroxide	SAT	Ca(OH) ₂	100	Aqueous				+	+	o
Calcium hydroxide	SAT	Ca(OH) ₂	120	Aqueous				+		o
Nitric acid	70	HNO ₃	20	Aqueous	o	-	+			
Nitric acid	70	HNO ₃	40	Aqueous	o		+	+	-	+
Nitric acid	70	HNO ₃	60	Aqueous	-		+	+		o
Nitric acid	70	HNO ₃	80	Aqueous				+		-
Nitric acid	70	HNO ₃	100	Aqueous				+		
Nitric acid	70	HNO ₃	120	Aqueous				+		
Sodium chloride	SAT	NaCl	20	Aqueous	+	+	+			
Sodium chloride	SAT	NaCl	40	Aqueous	+	+	o	+	+	+
Sodium chloride	SAT	NaCl	60	Aqueous	+	+	o	+	+	+
Sodium chloride	SAT	NaCl	80	Aqueous		+		+	+	+
Sodium chloride	SAT	NaCl	100	Aqueous				+	+	
Sodium chloride	SAT	NaCl	120	Aqueous				+		
Citric acid	SAT	C ₆ H ₈ O ₇	20	Aqueous	+	+	+			
Citric acid	SAT	C ₆ H ₈ O ₇	40	Aqueous	+	+	+	+	+	+
Citric acid	SAT	C ₆ H ₈ O ₇	60	Aqueous	o	+	+	+	+	+
Citric acid	SAT	C ₆ H ₈ O ₇	80	Aqueous		+	+	+	+	+
Citric acid	SAT	C ₆ H ₈ O ₇	100	Aqueous			+	+		
Citric acid	SAT	C ₆ H ₈ O ₇	120	Aqueous			+	+		