



flow & process solutions





Plastic valves & fittings for industry

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What's New!

Electric actuated plastic ball valves with TCR range actuators



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Electric actuated plastic butterfly valves with TCR range actuators



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Webbed wheel flowmeter



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2014/68/EU Directive - Risk category I / module A - Between flanges PN10 - PVC-U body - Reinforced PP butterfly - EPDM seat - Stainless steel stem - Anti-UV protection - ABS lever up to DN200, cast iron gearbox above - PS: 10 bar - TS: 0°C/+55°C.



PL1 - PVC-U

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
code	5300SW040	5300SW050	5300SW065	5300SW080	5300SW100	5300SW125	5300SW150	5300SW200	5300SW250	5300SW300



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 - TS: 0°C/+55°C - ⚠ Max. ΔP: 10 bar.

ISO 9001

■ Pneumatic actuated PVC butterfly valves

PL1 - PVC-U - Butterfly valve with pneumatic actuator



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

PNEUMATIC

■ Electric actuated PVC butterfly valves

PL1 - PVC-U - Butterfly valve with electric actuator



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	UVD25	5300SW250022350
300	98	UVF50	5300SW300022400



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

ELECTRIC

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				+		

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			+	+		

+ = 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.



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