

ASCO™ Pulse Valves

Integral pilot, threaded body 3/4" to 1"

Series
353

Features

- The diaphragm pulse valves are especially designed for dust collector service applications, combining high flow, long life and extremely fast opening and closing to produce reliable and economical operation
- The high flow, angle type bodies, springless construction, in combination with the special diaphragm assemblies give the unique operating features required for dust collector service applications
- Waterproof and explosionproof solenoids for use in potentially explosive atmospheres

General Valve Information

Differential pressure (PS) 0.35 - 8.5 bar [1 bar = 100kPa]

Ambient temperature range -40 ~ +85°C

Fluids	Temperature Range (TS)	Diaphragm
Air	-40°C ~ +85°C	TPE (hytel)

Materials in Contact with Fluid

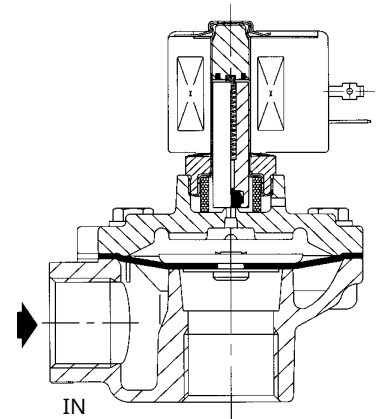
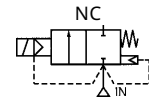
(*) Ensure that the compatibility of the fluids in contact with the materials is verified

Body	AISI316
Core tube	Stainless steel
Core and plugnut	Stainless steel
Core spring	Stainless steel
Sealings & disc	NBR
Diaphragm	TPE
Coil insulation class	F
Connector	Spade plug (cable Ø 6 - 10 mm)
Connector specification	ISO4400
Electrical safety	IEC335

Electrical Characteristics

Standard voltages DC (=): 24V
 (Other voltages and 60 Hz on request) AC (-): 24V/50; 110V/50, 120V/60; 220V/50, 240V/60

	Coil Code	Coil Type	Nominal Power Ratings				Protection
			Inrush ~	Holding ~		Hot/Cold =	
			(VA)	(VA)	(W)	(W)	
SC	238213-059	M6 FT	30	16	8.1	IP65	
	238313-903	M6 SC			21.2		



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Specifications

Pipe Size (in)	Orifice Size (mm)	Revision	Flow Coefficient Kv		Operating Pressure Differential(Bar)		Prefix Optional Solenoids			Catalog Number	
			(m ³ /h)	(l/min)	Min.	Max.(PS)		SC	NF/WSNF	EF/VCEF	Stainless
						~	=				
Threaded pipe connection											
3/4"	24	D	14	233	0.35	8.5		•		G353D132	
1"	27		17	283						G353D133	
3/4"	24	G	14	233			•		•	G353G132	
1"	27		17	283			•		•	G353G133	

Options

- Waterproof enclosure with embedded screw terminal coil according to protection class IP67, CEE 10
- Explosionproof solenoids for hazardous locations according to ATEX and CCC
- Electronic timer

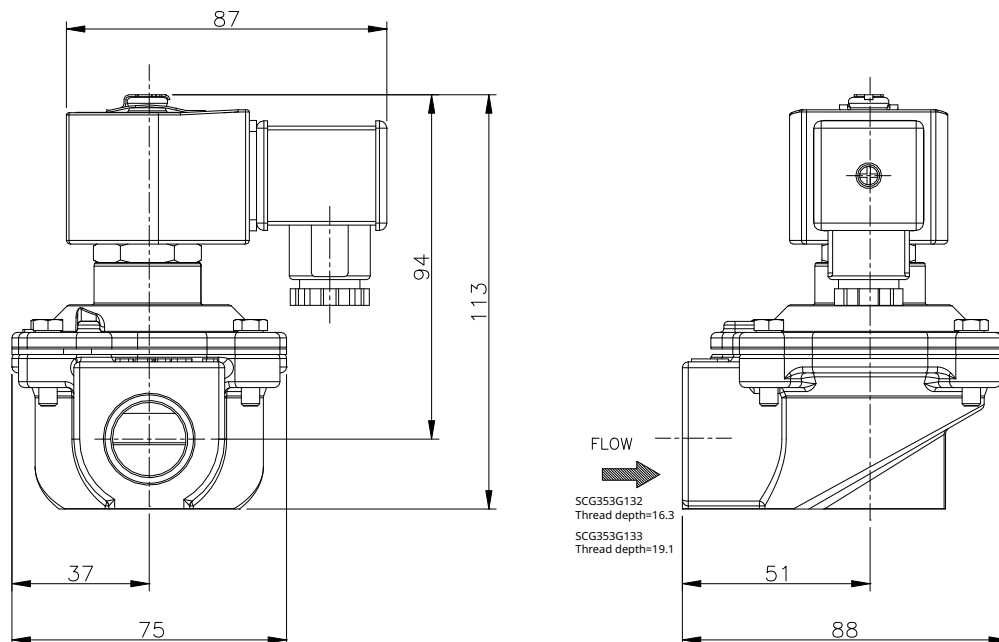
Installation

- The valves can be mounted in any position without affecting operation
- Threaded pipe connection is G (ISO 228/1)
- Other pipe threads are available on request
- Installation/maintenance instructions are included with each valve
- Spare parts kits are available

Spare Parts Kit

Part Number	Spare Parts Kit No.
SCG353G132	C140747
SCG353G133	C140748

Dimensions: mm



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 Availability, design and specifications are subject to change without notice.
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