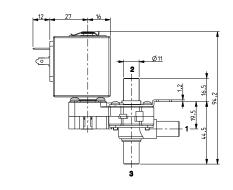
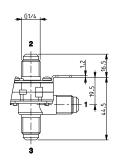
ASCO™ SOLENOID VALVE - DRY

SERIES D344

3/2 US - DIRECT ACTING - TOTAL ISOLATION - G 1/4 - BARBED PORT







86.7

General Features

Direct acting, total isolation solenoid valve: the actuator is totally isolated from the fluid so that the wetted parts are just the body and the lever-seal.

Possibility of disassembling for inspection.

Core duly coated by PTFE(polytetrafluoroethylene) based self lubricating material.

Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Technical Features							
Maximum allowable pressure (PS)	12 bar						
Opening time	~ 25ms						
Closing time	~ 25ms						
Fluid temperature	-10°C +100°C						
Max viscosity	5°E (~37 cStokes or mm²/s)						

Materials in Contact with Fluid						
Body	PEI (Polyetherimide)					
Sealing	EPDM or VMQ or FPM					

Coil						
Continuous Duty		ED 100%				
Encapsulation material		PET (polyethylene terephtalate) fiberglass reinforced				
Insulation class		F (140°C)				
Ambient temperature		-10°C +60°C				
Electric connections		DIN 46340 - 3 poles connector (EN175301-803)				
Protection degree		IP 65 (EN 60529) with plug connector				
	DC	12-24V (+10% -5%)				
Voltages	AC	24V/50Hz - 110V/50Hz (120V/60Hz) – 230V/50Hz (+10% -15%)				
		(Other voltages and frequencies on request)				

Port			Different	ial pressur	re (bar)			Series and type		Power absorption		Sealings	Notes	Weight	
size	Orifice size			Δρ	max		Kv Series and tyl		ld type Power at		ver absorption				
G = ISO	(mm)	∆p min	Ga	ses	Liq	uids	(m³/h) Valve Coil Ir	Volvo	Value Cail	AC (VA)		DC	Sealings	Notes	(kg)
228	, ,		AC	DC	AC	DC		Inrush	Holding	(VV)					
				D344D56					EPDM						
Barbed port 3,2 0		0 1,5 1,5	1,5	1,5	1,5	0,28	D344S56	Z530A	23	14	9	VMQ	1	0,315	
							D344V56					FPM			
	0						D344D57					EPDM			
							D344S57					VMQ			
							D344V57					FPM			

Notes

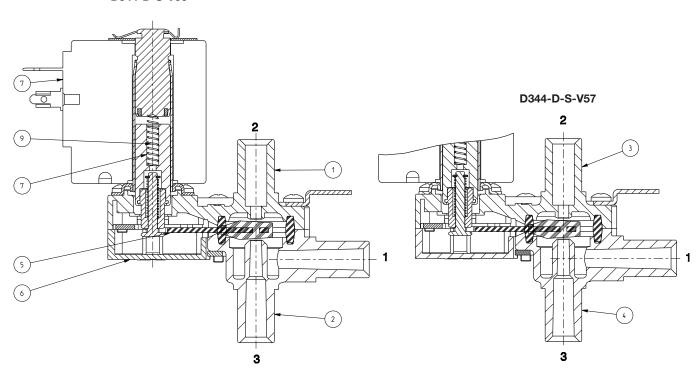
- Sealings: EPDM = Ethylene propylene elastomer VMQ = Silicone elastomer FPM = Fluoro-carbon elastomer
- On request and depending on quantities: silent execution (only for DC)
- 1 Model available on request only: ask for minimum quantity.



3/2 US - DIRECT ACTING - TOTAL ISOLATION - G 1/4 - BARBED PORT

Spare Parts

D344-D-S-V56



Kit description	Model	Kit P.N.	Consisting of:	
Body kit	D344D56-S56-V56	G2846702	Upper body pos.1 Lower body pos.2	
	D344D57-S57-V57	G2846701	Upper body pos.3 Lower body pos.4	
Core kit		G2999401	Core pos.8 Core return spring pos.9	
Lever seal kit	D344D56-D57	2977703R		
	D344S56-S57	2977704R	Lever seal kit pos. 5	
	D344V56-V57	2977702R		
Cover		3119801R	Cover pos. 6	
Coil		Z530A	Coil pos. 7	

Installation

- In case of disassembling for usual maintenance, the fixing screws have to be tightened at 0,6 Nm max torque.
- Solenoid valve can be mounted in any position.
- Maximum driving torque of the pipe fittings for thread connections = 10Nm.