

EV220S Streamlined servo operated

New Danfoss solenoid valve: A very compact **high quality** product

EV220S is designed for water, air and oil applications.



Applications

Water shut off (EPDM version)

- Building control:
Commercial tap water supply,
leak detection, heating and cooling
- Water for industrial processing
- Laundry and dishwashing
- Car washing

Oil, air neutral media's (FKM version)

- Air Compressors
- Factory processes
- Pump cooling



Values

- Compact streamlined product
- Global knowhow and local support
- Value for money
- Easy selection



Functionalities

- Safe function in humid environment
- Clip-on coil for easy installation and use
- Long life time



Approvals

- WRAS approved
- RoHS Directive 2011/65/EU
- Low Voltage Directive 2014/35/EU-EN60730-1 – EN60730-2-8
- UR - recognized safety approved
- PED Directive 2014/68/EU

Complete and simple selection overview

Parts program — brass body, NC and NO

ISO228/1 Connection	Orifice [mm]	K _v value [m ³ /h]	Sealing	Coil type	Drinking water approvals	Function	
						NC	NO
G1/4	10	1.6	EPDM		WRAS ¹	042U4608	042U6108
			FKM			042U4609	042U6109
G3/8	10	1.6	EPDM		WRAS	042U4610	042U6110
			FKM			042U4611	042U6111
G1/2	13	3	EPDM		WRAS	042U4613	042U6113
			FKM			042U4612	042U6112
G1/2	14	4	EPDM		WRAS	042U4614	042U6114
				230V 50/60Hz 8W	WRAS	042U491432	042U651432
			24V 50/60Hz 9.5W	WRAS	042U491419	042U651419	
			FKM			042U4615	042U6115
G3/4	17	5	EPDM		WRAS	042U4617	042U6117
				230V 50/60Hz 8W	WRAS	042U491732	042U651732
			24V 50/60Hz 9.5W	WRAS	042U491719	042U651719	
			FKM			042U4618	042U6116
G1	22	7	EPDM		WRAS ¹	042U4622	042U6122
				230V 50/60Hz 8W	WRAS ¹	042U492232	042U652232
			24V 50/60Hz 9.5W	WRAS ¹	042U492219	042U652219	
			FKM			042U4623	042U6121
G114	32	15	EPDM		WRAS ¹	042U4632	042U6132
				230V 50/60Hz 8W	WRAS ¹	042U493232	
			FKM			042U4633	042U6131
G112	40	18	EPDM		WRAS ¹	042U4640	042U6140
				230V 50/60Hz 8W	WRAS ¹	042U494032	
			FKM			042U4641	042U6139
G2	50	32	EPDM		WRAS ¹	042U4650	042U6150
				230V 50/60Hz 8W	WRAS ¹	042U495032	
			FKM			042U4651	042U6149

¹ WRAS - Approval pending



Clip-on coils

Type	Supply voltage	Frequency	Code no.
	[V]	[Hz]	
AS024CS	24	50	042N7608
	24	60	
AS230CS	230	50	042N7601
	208 - 240	60	
AZ012DS	12	DC	042N7616
AZ024DS	24	DC	042N7617

Spare part kits — EV220S DN10 to DN50

Type	Armature kit				Diaphragm kit	
	NC		NO		NC/NO	
	EPDM	FKM	EPDM	FKM	EPDM	FKM
Spare Part EV220S 10	042U2096	042U2097	042U2098	042U2099	042U2104	042U2105
Spare Part EV220S 13					042U2106	042U2107
Spare Part EV220S 14					042U2108	042U2109
Spare Part EV220S 17					042U2110	042U2111
Spare Part EV220S 22					042U2112	042U2113
Spare Part EV220S 32					042U2114	042U2115
Spare Part EV220S 40					042U2116	042U2117
Spare Part EV220S 50					042U2118	042U2119



Cable plug

Cable plug size	Description	Code no.
DN 18	Cable plug IP65	042N1278