



042U492219 [🔗](#)

Solenoid valve, EV220S, Function: NC, G, 1, 7 m³/h, EPDM

Media recommendations: Water & Brine, Approval: CE; c UL us; WRAS, Body material: Brass, Operation: Servo-operated (diaphragm), Number of ways: 2/2

PRODUCT DETAILS

Gross weight	0.95 Kilogram
Net weight	0.902 Kilogram
Volume	1.227 Liter
EAN	5715162594513
Type	EV220S
Product group	Solenoid valves
Product Name Description	Solenoid valve
Actuator	S
Actuator size	9 mm clip-on S
Actuator size [in]	0.35 in
Actuator system [mm]	9 mm
Ambient temperature max. [°C]	50 °C
Ambient temperature max. [°F]	122 °F
Application	Open
Approval	CE WRAS c UL us
Body material	Brass
CE mark	Yes
China RoHS compliance	Yes with exemptions
China RoHS exemption clause	7.3
Coil option	Clip-on
Coil type	AS
Connection Internal/External	Internal
Connection material	Brass
Connection size [in]	1
Connection standard	ISO 228-1
Connection type	G
Contains batteries	No
Cv value [gal/min]	8.1 gal/min
Differential pressure [bar] [max]	10 bar
Differential pressure [bar] [min]	0.3 bar
Differential pressure [psi] [max]	145 psi
Differential pressure [psi] [min]	4.35 psi
Electrical connection	Spade DIN 43650-A
Enclosure rating IP	IP65
Est. time to close, water [ms]	500 ms
Est. time to open, water [ms]	200 ms

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PRODUCT DETAILS

EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flow direction	Single-flow
Flow direction indicator	Embossed 1-way arrow
Fluid Group	1
Frequency [Hz]	50/60 Hz
Function	NC
Kv value [m³/h]	7 m ³ /h
Max media viscosity [cSt]	50 cSt
Max. test pressure [bar]	15 bar
Max. test pressure [psig]	217.5 psig
Max. Working Pressure [bar]	10 bar
Max. Working Pressure [psig]	145 psig
Media recommendations	Water & Brine
Medium temperature range [°C] [max]	100 °C
Medium temperature range [°C] [min]	-30 °C
Medium temperature range [°F] [max]	212 °F
Medium temperature range [°F] [min]	-22 °F
Number of ways	2/2
Operation	Servo-operated (diaphragm)
Orifice size [mm]	22 mm
Orifice size fraction [in]	7/8 in
Packing format	Multi pack
Parts Program name	EV220S
Power consumption [W] 50Hz	9.5 W
Power consumption [W] 60Hz	7 W
Product accessories	Solenoid coil accessories Solenoid valve accessories
Quantity per packing format	12 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
SCIP dossier no.	5109bece-eeb9-4151-89cf-c63ee268441d
SCIP dossier product name	EV220S
Seal Material	EPDM
Serviceable	No
Specification key	EV220S 22B G 1E NC000 AS024CS
Supply voltage 50Hz Max [V]	24 V
Supply voltage 60Hz Max [V]	24 V
Supply voltage [V] AC	24 V
Type designation	EV220S 22
UL mark	Yes

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



042N7608 [🔗](#)

Solenoid coil, AS024CS, DIN Spade, Multi pack

Electrical connection: DIN Spade, Actuator size: 9 mm, Enclosure rating IP: IP00

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