



032U380429 [↗](#)

Solenoid valve, EV225B, Function: NC, G, 1/2, 2.2 m³/h, PTFE

Media recommendations: Steam, Approval: UL; CE; UR, Body material: DZR brass, Operation: Servo-operated (diaphragm), Number of ways: 2/2

PRODUCT DETAILS

Gross weight	0.751 Kilogram
Net weight	0.7 Kilogram
Volume	3.684 Liter
EAN	5702428473002
Type	EV225B
Product group	Solenoid valves
Product Name Description	Solenoid valve
Actuator	B
Actuator size	13.5 mm
Actuator size [in]	0.53 in
Actuator system [mm]	13.5 mm
Ambient temperature max. [°C]	40 °C
Ambient temperature max. [°F]	104 °F
Application	Open
Approval	CE UL UR
Body material	DZR brass
CE mark	Yes
China RoHS compliance	Yes with exemptions
China RoHS exemption clause	7.3
Coil option	Clip-on
Coil type	BQ
Connection Internal/External	Internal
Connection material	DZR brass
Connection size [in]	1/2
Connection standard	ISO 228-1
Connection type	G
Contains batteries	No
Cv value [gal/min]	2.55 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
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical connection	Spade DIN 43650-A
Enclosure rating IP	IP65
Est. time to close, water [ms]	20 ms

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PRODUCT DETAILS

Est. time to open, water [ms]	20 ms
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flow direction	Single-flow
Fluid Group	1
Frequency [Hz]	60 Hz
Function	NC
In scope of WEEE	Yes
Kv value [m³/h]	2.2 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	Steam
Media tolerance comments	Slightly aggressive media
Medium temperature range [°C] [max]	185 °C
Medium temperature range [°C] [min]	-10 °C
Medium temperature range [°F] [max]	365 °F
Medium temperature range [°F] [min]	14 °F
Number of ways	2/2
Operation	Servo-operated (diaphragm)
Orifice size [mm]	10 mm
Orifice size fraction [in]	3/8 in
Packing format	Multi pack
Power consumption [W] 60Hz	12 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.	37eed611- ac6e-4afb-8c8d-2fa1dd1fb454
SCIP dossier product name	EV225B - solenoid valve
Seal Material	PTFE
Serviceable	Solenoid valve spare parts
Specification key	EV225B 10BD G 12T NC000 BQ220B
Supply voltage 60Hz Max [V]	220 V
Supply voltage [V] AC	220 V
Type designation	EV225B 10
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



018F4511 [🔗](#)

Solenoid coil, BQ240CS, DIN Spade, Supply voltage [V] AC: 240, Multi pack

Electrical connection: DIN Spade, Supply voltage [V] AC: 240, Frequency [Hz]: 50/60 Hz, Enclosure rating IP: IP65

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