



032U451416

Solenoid valve, EV220B, Function: NC, G, 1/2, 4 m³/h, NBR

This product has been discontinued.

018F7358

132U1500

032U7116

042N1256

Media recommendations: Water,Brine,Oil,Air, Approval: DNVGL-CG-0339; UL; CE; EAC, Body material: Brass, Operation: Servo-operated (diaphragm), Number of ways: 2/2

PRODUCT DETAILS

Gross weight	1.005 Kilogram
Net weight	0.943 Kilogram
Volume	3.684 Liter
EAN	5702423187102
Type	EV220B
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]	80 °C
Ambient temperature max. [°F]	176 °F
Application	Open
Approval	CE DNVGL-CG-0339 EAC UL
Body material	Brass
CE mark	Yes
China RoHS compliance	Yes with exemptions
China RoHS exemption clause	7.3
Coil option	Clip-on
Coil type	BB
Connection Internal/External	Internal
Connection material	Brass
Connection size [in]	1/2
Connection standard	ISO 228-1
Connection type	G
Contains batteries	No
Cv value [gal/min]	4.6 gal/min
Differential pressure [bar] [max]	16 bar
Differential pressure [bar] [min]	0.3 bar
Differential pressure [psi] [max]	232 psi
Differential pressure [psi] [min]	4.35 psi
EEE category	5 small equipment (any external dimension < 50 cm)

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PRODUCT DETAILS

Electrical connection	Spade DIN 43650-A
Enclosure rating IP	IP65
Est. time to close, water [ms]	350 ms
Est. time to open, water [ms]	40 ms
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 Hz
Function	NC
In scope of WEEE	Yes
Kv value [m³/h]	4 m ³ /h
Max media viscosity [cSt]	50 cSt
Max. test pressure [bar]	24 bar
Max. test pressure [psig]	348 psig
Max. Working Pressure [bar]	16 bar
Max. Working Pressure [psig]	232 psig
Media recommendations	Water,Brine,Oil,Air
Media tolerance comments	Neutral media
Medium temperature range [°C] [max]	90 °C
Medium temperature range [°C] [min]	-10 °C
Medium temperature range [°F] [max]	194 °F
Medium temperature range [°F] [min]	14 °F
Number of ways	2/2
Open/close equalizing orifice	Optional Equalization orifice
Operation	Servo-operated (diaphragm)
Orifice size [mm]	15 mm
Orifice size fraction [in]	5/8 in
Packing format	Multi pack
Parts Program name	EV220B 15 - 50
Power consumption [W] 50Hz	11 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.	b8af40bc-3f7f-4177-bd55- c3503cccf04
SCIP dossier product name	EV220B 15-50 brass NC - solenoid valve
Seal Material	NBR
Serviceable	Solenoid valve spare parts
Specification key	EV220B 15B G 12N NC000 BB024AS
Supply voltage 50Hz Max [V]	24 V
Supply voltage [V] AC	24 V
Type designation	EV220B 15
UL mark	Yes

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