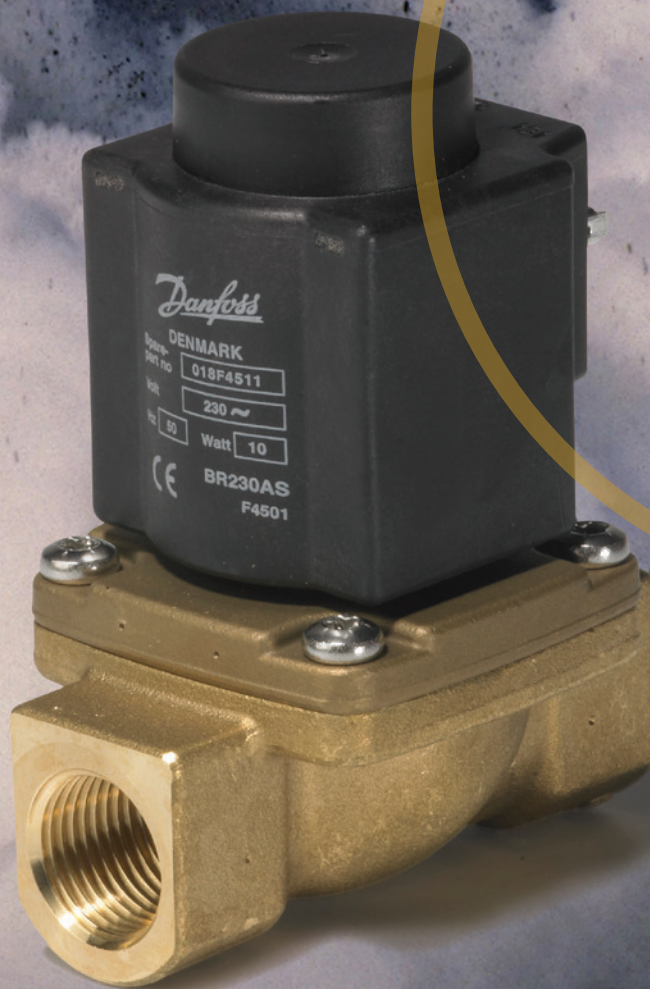


Tailored to fit your application

New steam valve range

New highly flexible solenoid steam valve which is less sensitive to dirt and aggressive media



3

coil types

and 2 valve bodies can be combined to meet temperatures of 140 °C, 160°C and even up to 185 °C

A high performance competitor

To help you **improve the system stability** and **reduce the operating costs** of your steam applications, we have launched a new range of steam valves with interchangeable coils. Designed to meet a range of steam process needs, the versatile range combines **flexibility** with **high performance**.

Applications:

Danfoss steam valves can be used in these and many other steam applications:

- Heating up of water for laundry washers and dishwashers
- Steam injection on industrial flat ironers
- Steam injection on dryers
- Injection of steam into autoclaves and sterilizers
- Steam handling and distribution in boiler room installations



Your benefits:

PTFE diaphragm operated design

- Less sensitive to dirt deposits compared with piston-cylinder operated types

Use of DZR brass body with SS seat:

- Not sensitive to aggressive technical steam:
 - dezincification
 - erosion-corrosion
 - cavitations

Integrated high tech aflas o-ring:

- Total external tightness from low to very high temperatures

High flexible Steam Valve Range:

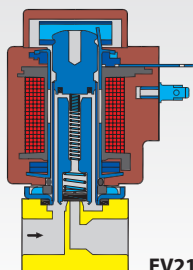
- Two different valve bodies can be combined with three different coils offering temperatures 140°C, 160°C and 185°C

Easy to mount and service:

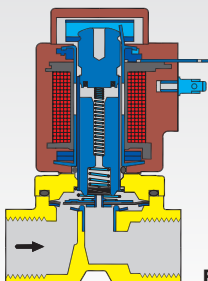
- Clip on coils for use on EV215B and EV225B up to 185°C

Extra features:

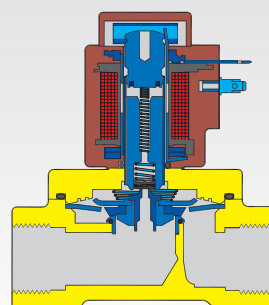
- Enclosure: IP65
- Available with NPT threads
- Available with UL approval



EV215B



EV225B 6-10



EV225B 15-25

itive steam valve programme

Technical data



Valve:	Valve type	EV215B	EV225B
	Function	Direct operated, Normally closed (NC)	Servo operated, Normally closed (NC)
	Connections valve body	G1/4"	G1/4" - G1"
	Medium	Steam	Steam
	Max. opening differential pressure	10 bar	10 bar
	Min. opening differential pressure	0 bar	0.2 bar
	Orifice size	3 mm	6-25 mm
	Kv-value	0.3	0.9 - 6
	Max. media temperature	185°C	185°C
	Min. media temperature	0°C	0°C
	Ambient temperature	Max. 40°C at a medium temperature of 185°C	Max. 40°C at a medium temperature of 185°C
Material:	Body	Stainless steel	DZR brass
	Valve plate	PTFE	PTFE
	Internal parts	Stainless steel	Stainless steel
	Diaphragm	-	PTFE
Features:	External seal	AFLAS	AFLAS
	Coil mounting	Clip-on coil	Clip-on coil
	Media viscosity	Max. 50 cSt	Max. 50 cSt

Technical data



Coil:	Coil type	BQ standard steam coil	BN steam coil	BB standard coil for lower steam temperatures
	Current / suitable for up to	AC voltage / 185°C steam	DC voltage / 160°C steam.	AC voltage / 160°C steam. DC voltage / 140°C steam
	Ambient temperature, maximum	40°C.	40°C.	40°C
Features:		Polyester: Pocan with graphite.	Polymer material: Polyester - Pocan.	Polymer material: Polyester - Pocan



Here **today.** Here **tomorrow.**

Danfoss is a leading global player within the development and production of mechanical and electronic products and controls. Since 1933, our extensive know-how has made modern life easier and we continue to break new ground within our core business areas.

Every day, more than 250,000 items are produced at 70 factories in 25 countries. Impressive as these figures are, we are most proud of the way our dedicated employees apply the high-quality components in customer solutions, adding value to the end products. Building strong partnerships is of great importance to us, because it is purely by understanding our customers' needs that we can meet the expectations of tomorrow.

This is also true in Industrial Automation, a Danfoss entity dedicated to focusing on the industrial world of today. Through us, you gain access to the entire Danfoss pool of technologies, with special emphasis on sensors and controls.

We offer safer, more reliable and more efficient solutions in a close cooperation based on firm values.