BELIMO

Resilient Seat, 304 Stainless Steel Disc

Technical data sheet F6150HDU

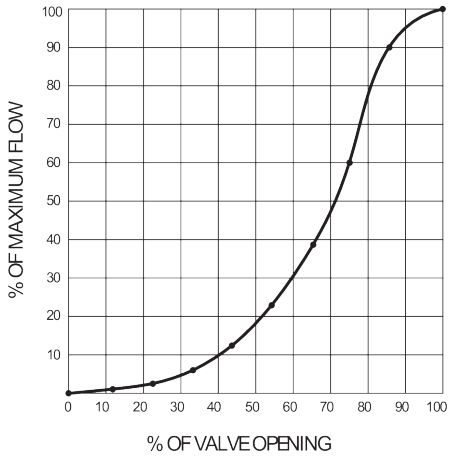
5-year warranty

Technical data

Functional data	Valve Size	6" [150]
	Fluid	chilled or hot water, up to 60% glycol
	Fluid Temp Range (water)	-22...250°F [-30...120°C]
	Body Pressure Rating	ANSI Class Consistent with 125, 232 psi CWP
	Close-off pressure Δps	50 psi
	Servicing	maintenance-free
	Rangeability Sv	10:1 (for 30...70° range)
	Flow Pattern	2-way
	Leakage rate	0%
	Controllable flow range	90° rotation
	Cv	1579
	ANSI Class	Consistent with 125
	Body pressure rating note	232 psi CWP
	Maximum Velocity	12 FPS
	Lug threads	3/4-10 UNC
Materials	Valve body	Ductile cast iron ASTM A536
	Body finish	epoxy powder coating (blue RAL 5002)
	Stem seal	EPDM (lubricated)
	Seat	EPDM
	End fitting	for use with ANSI class 125/150 flanges
	Bearing	RPTFE
	Disc	304 stainless steel
	Gear operator materials	Gears - hardened steel
Suitable actuators	Non-Spring	DRB(X)

Product features

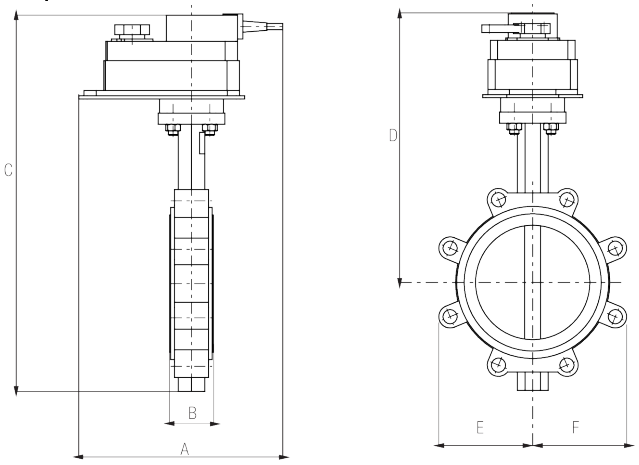
Flow/Mounting details



Dimensions

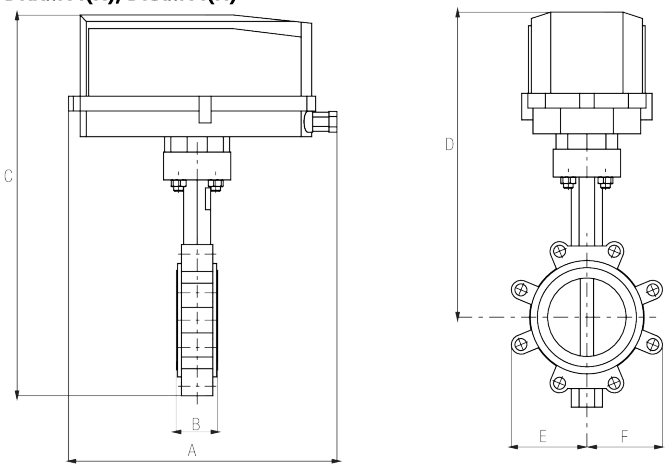
Dimensional drawings

DKR, DRX



A	B	C	D	E	F	Number of Bolt Holes
11.3" [286]	2.3" [58]	19.0" [483]	14.0" [355]	5.4" [137]	5.4" [137]	8

DKR..N4(H), DRX..N4(H)

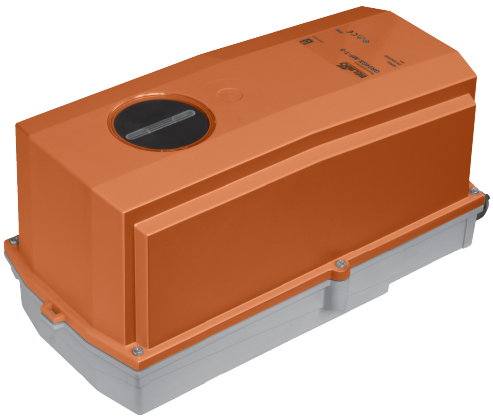


A	B	C	D	E	F	Number of Bolt Holes
14.1" [358]	2.3" [58]	21.0" [533]	16.1" [408]	5.4" [137]	5.4" [137]	8

BELIMO

On/Off or Floating Point, Non-Spring Return, 24 V

Technical data sheet DRCX24-3-T N4



5-year warranty

Technical data

Electrical data	Nominal voltage	AC/DC 24 V
	Nominal voltage frequency	50/60 Hz
	Power consumption in operation	12 W
	Power consumption in rest position	3 W
	Transformer sizing	10 VA (class 2 power source) / heater 36 VA
	Electrical Connection	Screw terminal (for 22 to 12 AWG wire)
	Overload Protection	electronic thoughout 0...90° rotation
Functional data	Input Impedance	100 Ω
	Direction of motion motor	selectable with switch 0/1
	Manual override	under cover
	Running Time (Motor)	35 s, constant, independent of load
	Running time motor note	constant, independent of load
	Noise level, motor	45 dB(A)
	Position indication	Mechanically, 5...20 mm stroke
Safety data	Degree of protection IEC/EN	IP66/67
	Degree of protection NEMA/UL	NEMA 4X
	Enclosure	UL Enclosure Type 4X
	Quality Standard	ISO 9001
	Ambient temperature	-22...122°F [-30...50°C]
	Storage temperature	-40...176°F [-40...80°C]
	Ambient humidity	max. 95% r.H., non-condensing
	Servicing	maintenance-free
Weight	Weight	2.7 lb [1.2 kg]
Materials	Housing material	Polycarbonate

Electrical installation

INSTALLATION NOTES

1 Provide overload protection and disconnect as required.

3 Actuators may also be powered by 24 VDC.

10 For triac sink the Common connection from the actuator must be connected to the Hot connection of the controller. Position feedback cannot be used with a triac sink controller; the actuator internal common reference is not compatible.

12 IN4004 or IN4007 diode. (IN4007 supplied, Belimo part number 40155).

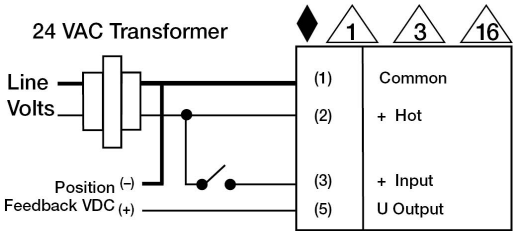
16 Actuators are provided with a numbered screw terminal strip instead of a cable.

◆ Meets cULus requirements without the need of an electrical ground connection.

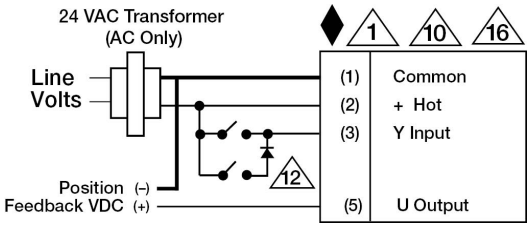
! **Warning! Live Electrical Components!**

During installation, testing, servicing and troubleshooting of this product, it may be necessary to work with live electrical components. Have a qualified licensed electrician or other individual who has been

properly trained in handling live electrical components perform these tasks. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.



On/Off



Floating Point