



Solenoid Valves

Section 7 - Valves

General Purpose 2/2 N/C Pilot Operated Solenoid Valves

Media: Water, Oil, Air
Seal: NBR
Speed Control Screw: Standard on 1.1/2" & 2"
Body: Brass
Protection Class: IP65 (with connector fitted)

Media Temperature: -10°C to +90°C

Tech Sheet 10376



BSPP

0030	Coil Consumption	ND (mm)	KV (LPM)	bar	Replacement COIL	£
F180-38-230	3/8" 230/50 10VA 13 55 0.3-16 2700	76.00				
F180-38-110	3/8" 110/50 10VA 13 55 0.3-16 2400	76.00				
F180-38-24	3/8" 24DC 7W 13 55 0.3-16 2250	76.00				
F180-12-230	1/2" 230/50 10VA 13 63 0.3-16 2700	100.05				
F180-12-110	1/2" 110/50 10VA 13 63 0.3-16 2400	100.05				
F180-12-24	1/2" 24DC 7W 13 63 0.3-16 2250	100.05				
F180-34-230	3/4" 230/50 10VA 21 183 0.3-16 2700	131.60				
F180-34-110	3/4" 110/50 10VA 21 183 0.3-16 2400	131.60				
F180-34-24	3/4" 24DC 7W 21 183 0.3-16 2250	131.60				
F180-1-230	1" 230/50 10VA 25 216 0.3-16 2700	159.85				
F180-1-110	1" 110/50 10VA 25 216 0.3-16 2400	159.85				
F180-1-24	1" 24DC 7W 25 216 0.3-16 2250	159.85				
F180-112-230	1.1/2" 230/50 18VA 40 480 0.5-16 7700	343.85				
F180-112-110	1.1/2" 110/50 18VA 40 480 0.5-16 7400	343.85				
F180-112-24	1.1/2" 24DC 14W 40 480 0.5-16 7250	343.85				
F180-2-230	2" 230/50 18VA 50 600 0.5-16 7700	380.80				
F180-2-110	2" 110/50 18VA 50 600 0.5-16 7400	380.80				
F180-2-24	2" 24DC 14W 50 600 0.5-16 7250	380.80				

General Purpose 2/2 N/O Pilot Operated Solenoid Valves

Media: Water, Oil, Air
Seal: NBR
Speed Control Screw: Standard on 1.1/2" & 2"
Body: Brass
Protection Class: IP65 (with connector fitted)

Media Temperature: -10°C to +90°C

Tech Sheet 10377



BSPP

0030	Coil Consumption	ND (mm)	KV (LPM)	bar	Replacement COIL	£
F280-38-230	3/8" 230/50 10VA 13 55 0.3-16 2700	98.35				
F280-38-110	3/8" 110/50 10VA 13 55 0.3-16 2400	94.55				
F280-38-24	3/8" 24DC 7W 13 55 0.3-16 2250	94.55				
F280-12-230	1/2" 230/50 10VA 13 63 0.3-16 2700	126.05				
F280-12-110	1/2" 110/50 10VA 13 63 0.3-16 2400	126.05				
F280-12-24	1/2" 24DC 7W 13 63 0.3-16 2250	126.05				
F280-34-230	3/4" 230/50 10VA 25 183 0.3-16 2700	126.80				
F280-34-110	3/4" 110/50 10VA 25 183 0.3-16 2400	126.80				
F280-34-24	3/4" 24DC 7W 25 183 0.3-16 2250	126.80				
F280-1-230	1" 230/50 10VA 25 216 0.3-16 2700	161.80				
F280-1-110	1" 110/50 10VA 25 216 0.3-16 2400	161.80				
F280-1-24	1" 24DC 7W 25 216 0.3-16 2250	161.80				
F280-112-230	1.1/2" 230/50 18VA 40 480 0.5-16 7700	323.15				
F280-112-110	1.1/2" 110/50 18VA 40 480 0.5-16 7400	323.15				
F280-112-24	1.1/2" 24DC 14W 40 480 0.5-16 7250	323.15				
F280-2-230	2" 230/50 18VA 50 600 0.5-16 7700	373.10				
F280-2-110	2" 110/50 18VA 50 600 0.5-16 7400	373.10				
F280-2-24	2" 24DC 14W 50 600 0.5-16 7250	373.10				

General Purpose 2/2 N/C Direct Acting Solenoid Valves

Media: Water, Oil, Air
Seal: FKM
Body: Brass
Protection Class: IP65 (with connector fitted)

Media Temperature: -10°C to +120°C

Tech Sheet 10374



BSPP

0030	Coil Consumption	ND (mm)	KV (LPM)	bar	Replacement COIL	£
F133-18-230	1/8" 230/50 10VA 2 1.9 0-12 2700	49.40				
F133-18-110	1/8" 110/50 10VA 2 1.9 0-12 2400	49.40				
F133-18-24	1/8" 24DC 7W 2 1.9 0-9 2250	49.40				
F133-14-230	1/4" 230/50 18VA 3 4.5 0-15 7700	72.90				
F133-14-110	1/4" 110/50 18VA 3 4.5 0-15 7400	72.90				
F133-14-24	1/4" 24DC 14W 3 4.5 0-8 7250	72.90				
F133-38-230	3/8" 230/50 18VA 4 6 0-8 7700	76.35				
F133-38-110	3/8" 110/50 18VA 4 6 0-8 7400	76.35				
F133-38-24	3/8" 24DC 14W 4 6 0-5 7250	76.35				

Steam/Water 2/2 N/C Pilot Operated Solenoid Valves

Media: Steam & Water
Seal: EPDM (Main), PTFE (Diaphragm)
Speed Control Screw: Standard on 1.1/2" & 2"
Body: Brass (Stainless Steel Orifice)
Protection Class: IP65 (with connector fitted)

Media Temperature: -0°C to +150°C

Tech Sheet 10375



BSPP

0030	Coil Consumption	ND (mm)	KV (LPM)	bar	Replacement COIL	£
F153-38-230	3/8" 230/50 18VA 11.5 50 0.3-4.5 7701	121.90				
F153-38-110	3/8" 110/50 18VA 11.5 50 0.3-4.5 7401	121.90				
F153-38-24	3/8" 24DC 18W 11.5 50 0.3-4.5 7251	121.90				
F153-12-230	1/2" 230/50 18VA 11.5 55 0.3-4.5 7701	119.00				
F153-12-110	1/2" 110/50 18VA 11.5 55 0.3-4.5 7401	119.00				
F153-12-24	1/2" 24DC 14W 11.5 55 0.3-4.5 7251	119.00				
F153-34-230	3/4" 230/50 18VA 11.5 70 0.3-4.5 7701	131.05				
F153-34-110	3/4" 110/50 18VA 11.5 70 0.3-4.5 7401	131.05				
F153-34-24	3/4" 24DC 14W 11.5 70 0.3-4.5 7251	131.05				
F153-1-230	1" 230/50 18VA 11.5 75 0.3-4.5 7701	148.25				
F153-1-110	1" 110/50 18VA 11.5 75 0.3-4.5 7401	148.25				
F153-1-24	1" 24DC 14W 11.5 75 0.3-4.5 7251	148.25				