

PROPORTIONAL PERFORMANCE DATA

Hysteresis (with dither)	<20%
Recommended dither frequency	A & V spool: 160 Hz, C & X spool: 220 Hz, E & Z spool: 320 Hz
Linearity (with dither and compensated)	<8%

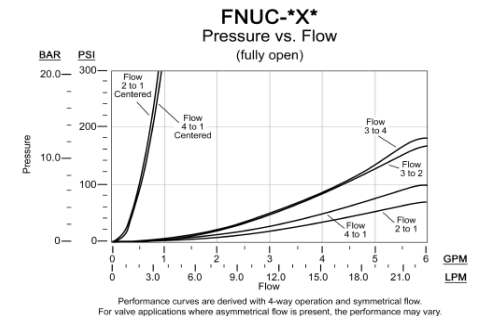
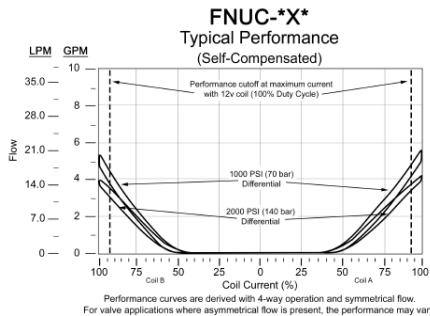
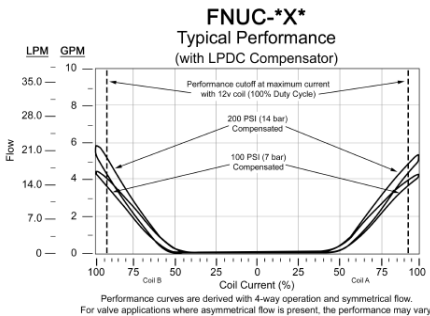
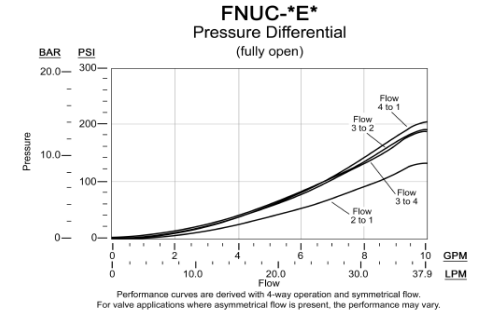
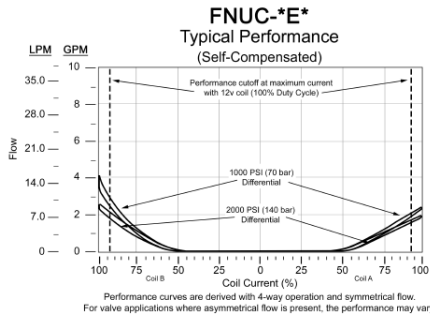
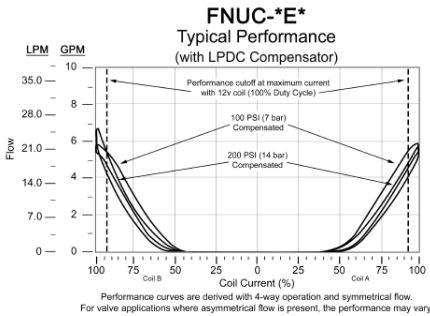
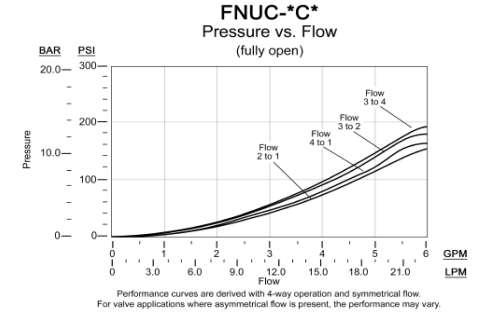
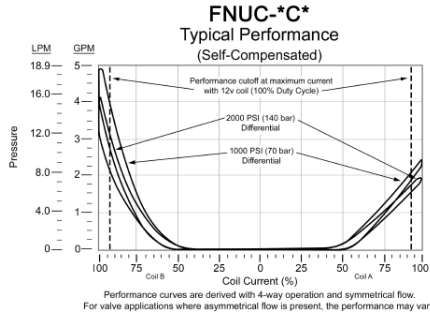
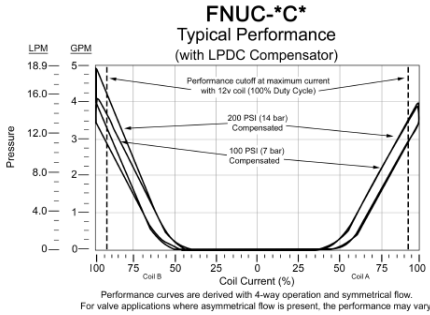
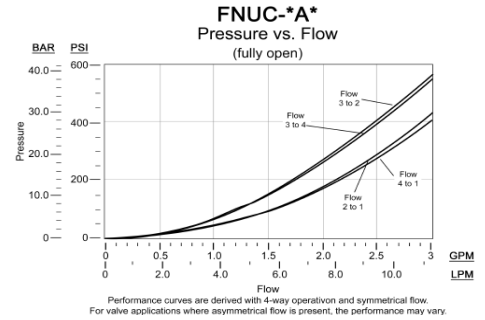
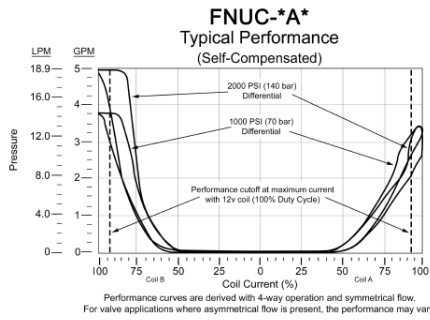
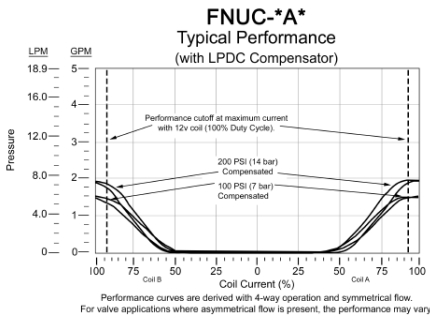
TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

cavidad	SC-10-04
Series	1C
Capacity	40 L/min.
Maximum Operating Pressure	250 bar
Typical Valve Leakage at 110 SUS (24cSt)	110 mL/min.@3600 psi
Response Time - Typical	50 ms
Solenoid Tube Diameter	19 mm
Coil Nut Torque	4,8 - 5,3 Nm
Valve Hex Size	25,4 mm
Valve Installation Torque	38 - 43 Nm
Mounting Bolt Installation Torque (T Control)	5,7 - 6,2 Nm
Model Weight (with coil)	0,55 kg

OPTION SELECTION EXAMPLE: FNUCXEN

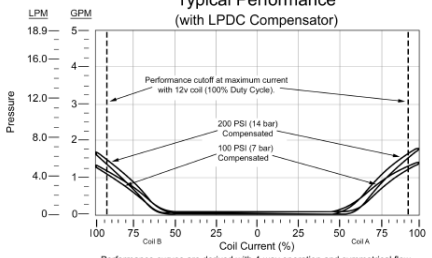
CONTROL	(X) FLOW RATE	(E) SEAL MATERIAL	(N) BOBINA
X No Manual Override	E 8 gpm Blocked Center (30 L/min.)	N Buna-N	No coil
T Lever (Momentary) Manual Override	A 1.3 gpm Blocked Center (4,8 L/min.)		
	C 4 gpm Blocked Center (15 L/min.)		
	V 1.3 gpm A and B Bleed to Center (4,8 L/min.)		
	X 4 gpm A and B Bleed to Center (15 L/min.)		
	Z 8 gpm A and B Bleed to Center (30 L/min.)		

PERFORMANCE CURVES



FNUC-*V*

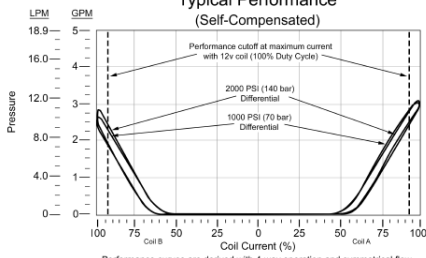
Typical Performance (with LPDC Compensator)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*V*

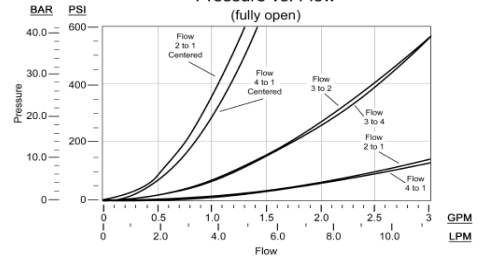
Typical Performance (Self-Compensated)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*V*

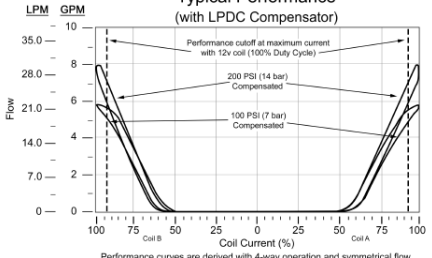
Pressure vs. Flow (fully open)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*Z*

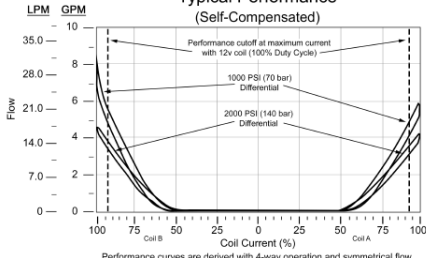
Typical Performance (with LPDC Compensator)



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FNUC-*Z*

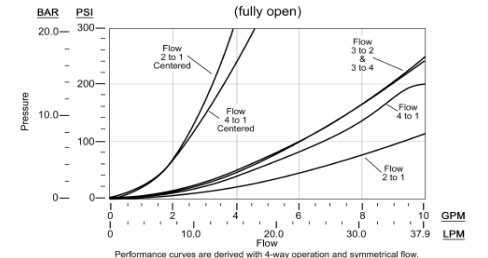
Typical Performance (Self-Compensated)



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FNUC-*Z*

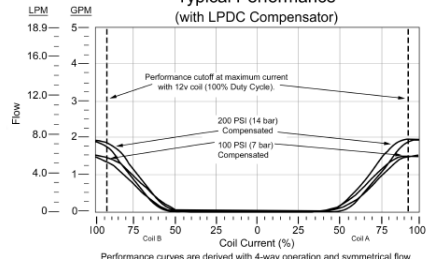
Pressure Differential (fully open)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*A*

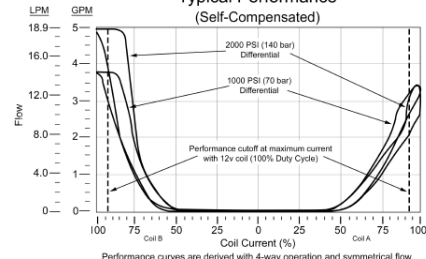
Typical Performance (with LPDC Compensator)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*A*

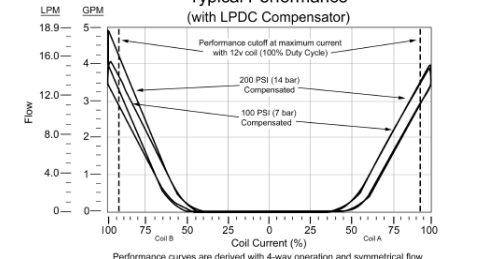
Typical Performance (Self-Compensated)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*C*

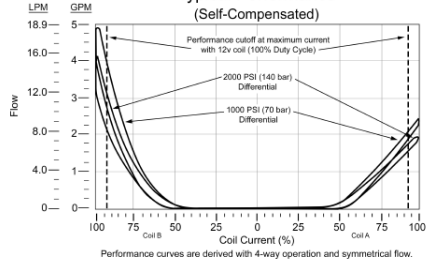
Typical Performance (with LPDC Compensator)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*C*

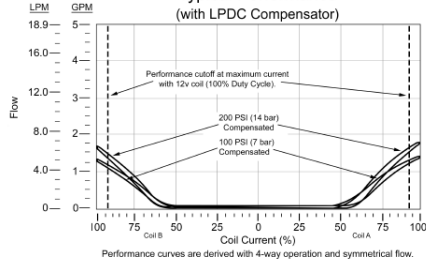
Typical Performance (Self-Compensated)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*V*

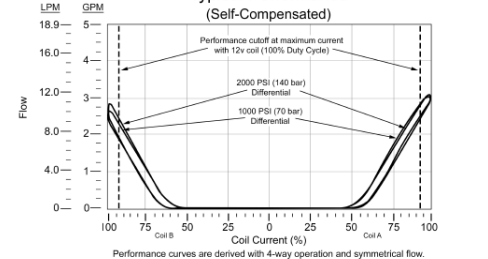
Typical Performance (with LPDC Compensator)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.

FNUC-*V*

Typical Performance (Self-Compensated)



Performance curves are derived with 4-way operation and symmetrical flow. For valve applications where asymmetrical flow is present, the performance may vary.