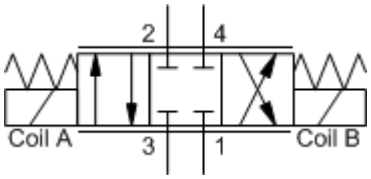
MODÈLE

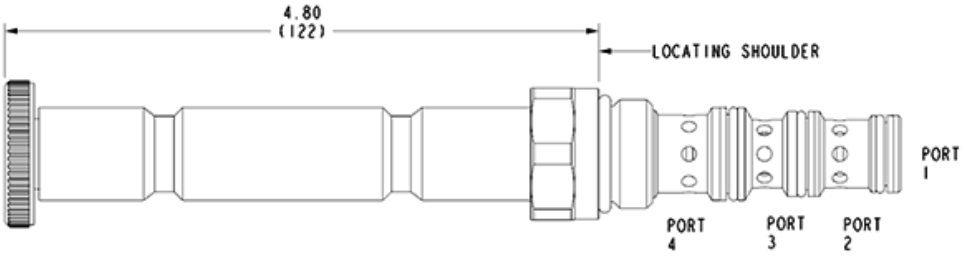
FNUC

4 voies , 3 Positions, électro-proportionnel, électro distributeur Valve, 3600 psi (250 bar) - common cavity

CAPACITÉ: 40 L/min. / CAVITY: SC-10-04

sunhydraulics.com/model/FNUC





CARACTÉRISTIQUES

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

Cavité	SC-10-04
Taille	1C
Capacité	40 L/min.
Pression maximale de fonctionnement	250 bar
Temps de Réponse - Typique	50 ms
Diamètre du Doigt de Gant	19 mm
Couple de Serrage de l'Ecrou de la Bobine	4,8 - 5,3 Nm
Dimensions du six pans de la valve	25,4 mm
Couple de serrage de la valve	38 - 43 Nm
Poids du composant (avec la bobine)	0,55 kg
Linearity (with dither and compensated)	<8%
Typical Valve Leakage at 110 SUS (24cSt)	110 mL/min.@3600 psi
Mounting Bolt Installation Torque (T Control)	5,7 - 6,2 Nm

CARACTÉRISTIQUES DE LA FONCTION PROPORTIONNELLE

Hystérésis (avec dither)	<20%
Fréquence de dither recommandée	A & V spool: 160 Hz, C & X spool: 220 Hz, E & Z spool: 320 Hz

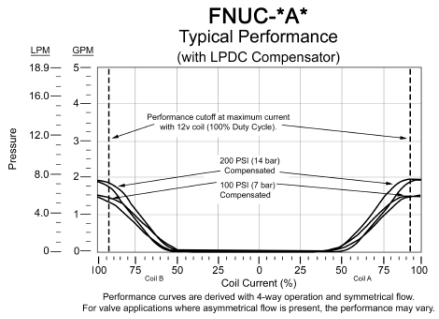
OPTION SELECTION EXAMPLE: FNUCXEN

DISPOSITIF DE CONTRÔLE (X)	VALEUR DE DÉBIT (E)	MATIÈRE DES JOINTS (N)	BOBINE
X Sans Commande Manuelle	**E** 8 gpm Centre Fermé (30 L/min.)	**N** Buna N	Sans bobine
T Lever (Momentary) Manual Override	**A** 1.3 gpm Centre Fermé (4,8 L/min.)		
	C 4 gpm Centre Fermé (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.)		

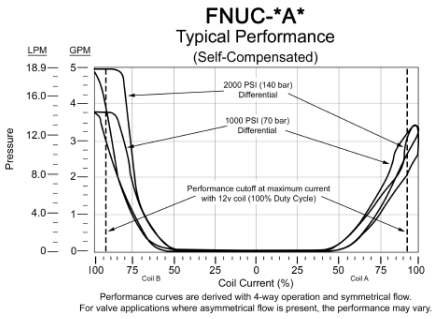
TECHNICAL FEATURES

- Cette valve est à action directe et ne nécessite pas de minimum de pression hydraulique pour fonctionner.
- Le noyau du solénoïde est à bain d'huile, ce qui signifie que le fluide du système, qui entoure le noyau, est soumis à la chaleur générée par la bobine. Il faut en tenir compte dans les cas où la bobine est excitée pendant une durée prolongée. Certains fluides, notamment les mélanges eau/glycol, se détériorent à ces températures et avec le temps, des vernis se forment et peuvent affecter le fonctionnement de la cartouche.

PERFORMANCE CURVES



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



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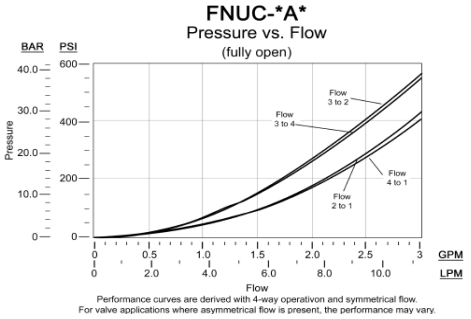

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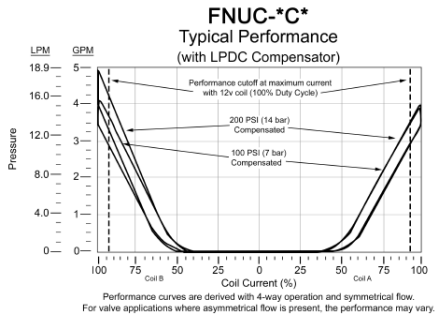

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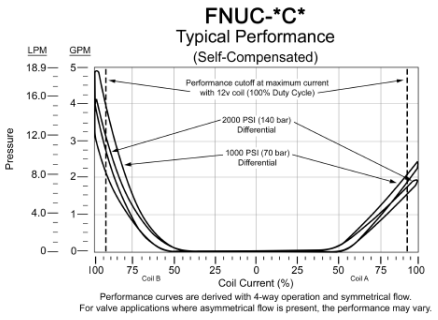

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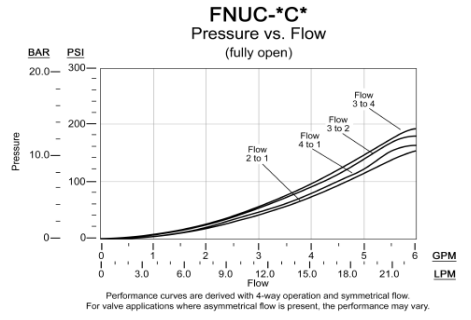

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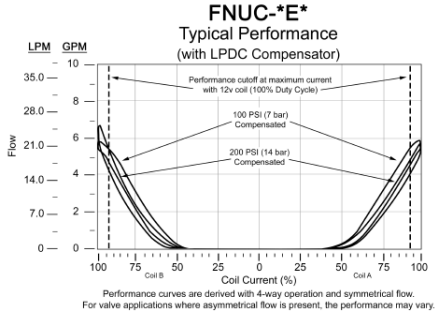

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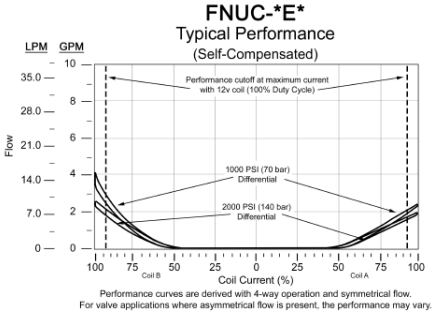

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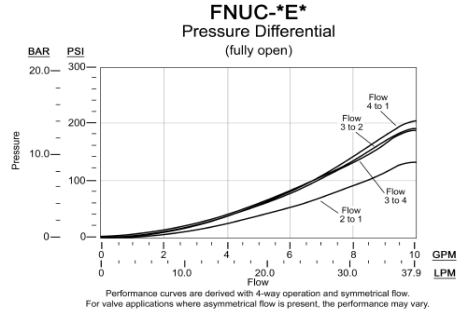

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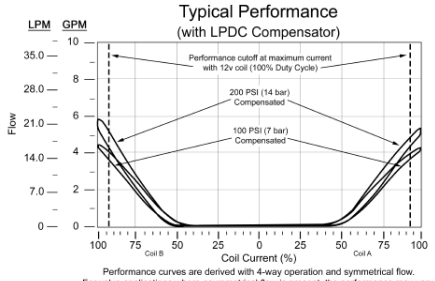
FNUC-*X*
Typical Performance
(with LPDC Compensator)



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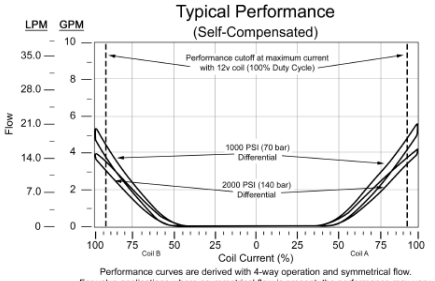
FNUC-*X*
Typical Performance
(Self-Compensated)



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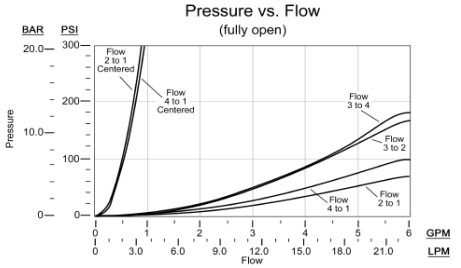
FNUC-*X*
Pressure vs. Flow
(fully open)



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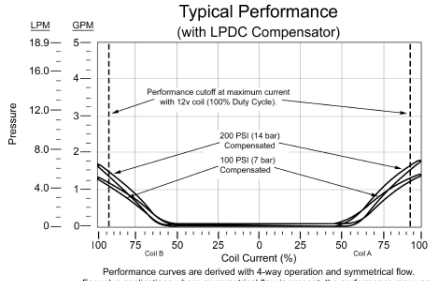
FNUC-*V*
Typical Performance
(with LPDC Compensator)



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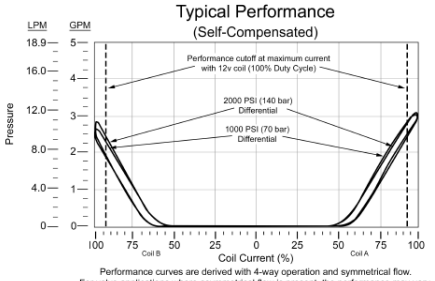
FNUC-*V*
Typical Performance
(Self-Compensated)



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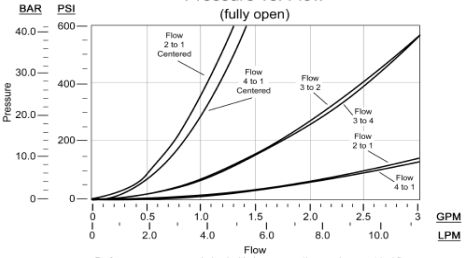
FNUC-*V*
Pressure vs. Flow
(fully open)



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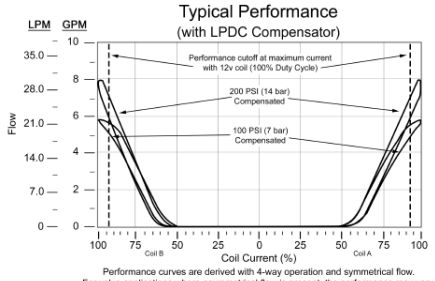
FNUC-*Z*
Typical Performance
(with LPDC Compensator)



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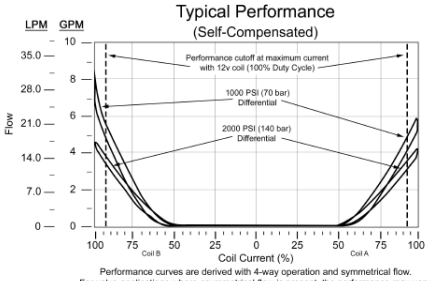
FNUC-*Z*
Typical Performance
(Self-Compensated)



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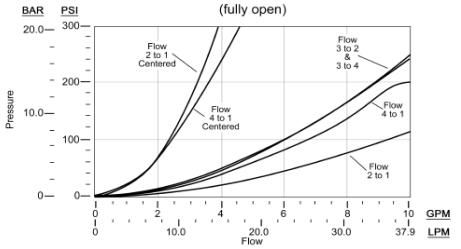
FNUC-*Z*
Pressure Differential
(fully open)



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