

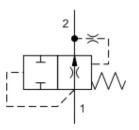


Air bleed and start-up valve

SERIES 2 / CAPACITY: 4 - 50 gpm / CAVITY: T-3A

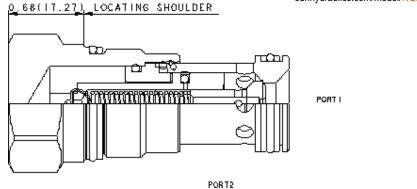


sunhydraulics.com/model/NQEB



CONFIGURATION

X	Control	Not Adjustable			
Α	Adjustment Range	-			
٧	Seal Material	Viton			
(none) Material/Coating		Standard Material/Coating			



Air-bleed and start-up cartridges are used to purge air trapped in the system to help reduce power requirements and facilitate pump priming during the start-up of blocked center circuits.

TECHNICAL DATA

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

Cavity	T-3A
Series	2
Capacity	4 - 50 gpm
Maximum Operating Pressure	5000 psi
Valve Hex Size	1 1/8 in.
Valve Installation Torque	45 - 50 lbf ft
Seal kit - Cartridge	Buna: 990203007
Seal kit - Cartridge	Polyurethane: 990003002
Seal kit - Cartridge	Viton: 990203006
Model Weight	0.39 lb.

CONFIGURATION OPTIONS

Model Code Example: NQEBXAV

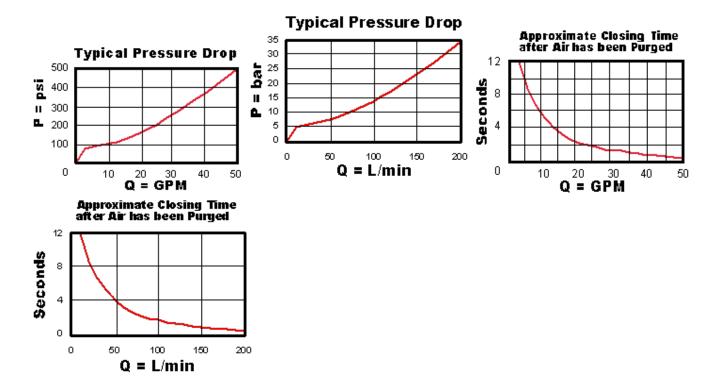
CONTROL	(X)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(V)	MATERIAL/COATING	
X Not Adjustable		A -		V Viton		Standard Material/Coating	
				E EPDM		/AP Stainless Steel, Passivated	
				N Buna-N		/LH Mild Steel, Zinc-Nickel	
				N Buna-N		/Ln Ivilia Steel, Zinc-Nickel	

TECHNICAL FEATURES

- Air-bleed and start-up valves require a minimum of 4 gpm (15 L/min.) flow rate and 80 psi (5,5 bar) system pressure.
- The valve will re-open when system pressure falls below 25 psi (1,7 bar)
- After air has been purged, closing times vary from approximately 12 seconds at 4 gpm (15 L/min.) to 0.5 seconds at 50 gpm 200 L/min.).
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

PERFORMANCE CURVES

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