



This solenoid-operated 3-way, 2-position cartridge is a direct-acting, balanced spool pilot valve used to pilot other full-flow valves. The valve is normally open between port 1 and port 2 or port 1 and port 3 and all flow paths are bidirectional. This valve is designed to be used with 740 and 747 Series coils.

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

Maximum Operating Pressure	5000 psi
Manual Override Force Requirement	10 lbs/1000 psi @ Port 1
Manual Override Stroke	.10 in.
Maximum Valve Leakage at 110 SUS (24 cSt)	10 drops/min.@5000 psi
Seal kit - Cartridge	Buna: 990-009-007
Seal kit - Cartridge	Polyurethane: 990-009-002
Seal kit - Cartridge	Viton: 990-009-006

NOTES: • Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.

CONFIGURATION OPTIONS		Model Code Example: DBAFSCN	
POPPET CONFIGURATION	(C)	SEAL MATERIAL	(N) COIL *
C Normally Closed		N Buna-N	No coil
H Normally Open		E EPDM	* Additional coil options are available
		V Viton	