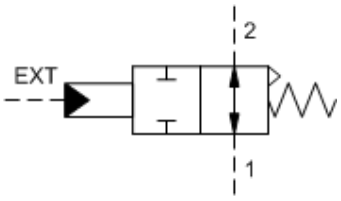
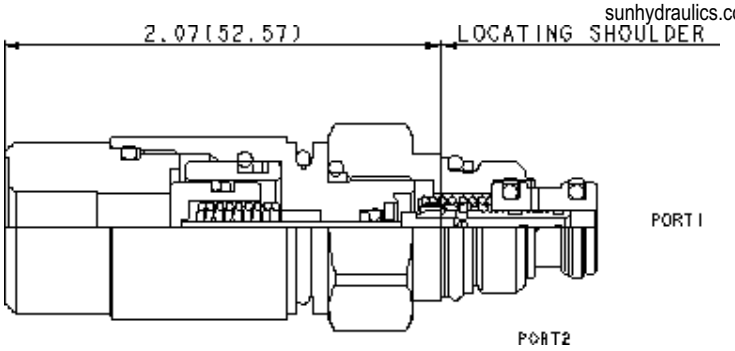
MODEL
DAAH

2-way, hydraulically operated, spool directional valve - pilot capacity
SERIES P / CAPACITY: 1 L/min. / CAVITY: T-8A

sunhydraulics.com/model/DAAH



H-Spool



CONFIGURATION

D	Control	External 1/8 BSPP Port
H	Spool Configuration	Normally Open
N	Seal Material	Buna-N
(none)	Material/Coating	

These pilot-stage, directional, 2-position, 2-way valves are hydraulically operated, spring-return cartridges and are available in either a normally open or normally closed configuration. These cartridges are designed for pilot flow applications and utilize Sun's T-8A cavity so they can be used in conjunction with Sun's pilot-operated, main-stage valves.

TECHNICAL DATA

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

Cavity	T-8A
Series	P
Capacity	1 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,3 cc/min.
Minimum Pilot Pressure to Operate	See Technical Features
Pilot Control Port	See Control Options
Valve Hex Size	22,2 mm
Valve Installation Torque	27 - 33 Nm
Seal kit - Cartridge	Buna: 990508007
Seal kit - Cartridge	Viton: 990508006
Model Weight	0.15 kg.

CONFIGURATION OPTIONS

Model Code Example: DAAHDHN

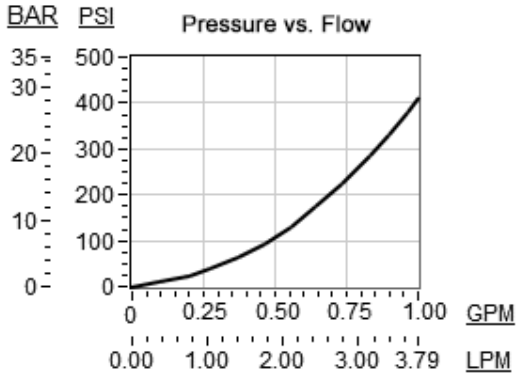
CONTROL (D)	SPOOL CONFIGURATION (H)	SEAL MATERIAL (N)	MATERIAL/COATING
D External 1/8 BSPP Port	**H** Normally Open	**N** Buna-N	Standard Material/Coating
A External 1/8 NPTF Port	**C** Normally Closed	**V** Viton	**/AP** Stainless Steel, Passivated
B External 4-SAE Port			

TECHNICAL FEATURES

- Utilizes the Sun T-8A 2-port cavity making it the ideal choice to use in conjunction with Sun's main stage pilot or vent-to-operate cartridges. Separate pilot lines are eliminated and only one cavity needs to be machined to accommodate both the control and primary function. Note: All 2-position, 2-way pilot stage control cartridges utilize the same cavity and are physically interchangeable. Functionality is the only consideration.
- Note: The main stage valve should first be installed to the correct torque value followed by the T-8A pilot control section into the main stage valve to its required torque value.
- The preferred flow path through the valve is port 2 to port 1.
- Different pilot control port options are available. See Option Selection for details.
- All ports will accept 5000 psi (350 bar) including the pilot control port.
- Hardened spool and sleeve provide consistent operation, low spool leakage rates and superior wear characteristics.
- The minimum pilot pressure required to operate the valve is determined by the following formula: pilot pressure = 85 psi + pressure @ Port 1 times .023. This results in a pilot pressure range of 85 to 200 psi. In metric; pilot pressure = 6 bar + pressure @ Port 1 times 0,023. This results in a pilot pressure of 6 to 14 bar.
- 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.

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PERFORMANCE CURVES



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