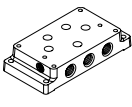
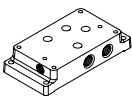
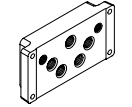



SUBPLATE MODEL SELECTION

Subplates are connection bases for the mounting of, and connection to, subplate-type valves. They are of die-cast, sand-cast, or solid aluminum construction. Connection ports, located in the sides or bottom, are standard NPTF dryseal pipe threads. No mounting hardware or seals are furnished with subplates. O-rings and mounting screws are furnished with each subplate mounted valve.

SUBPLATE DESCRIPTION (3/8" Subplate Shown)	1/4" NPTF Port Size	3/8" NPTF Port Size	1/2" NPTF Port Size	3/4" NPTF Port Size	1" NPTF Port Size	1-1/2" NPTF Port Size	2" NPTF Port Size
SIDE PORTED, DUAL EXHAUST Inlet and two exhausts on one side, two cylinder ports on opposite side. 	Models with no pilot ports in the subplate: SP2-3N	SP3-3N	SP4-3N	SP6-3N	SP8-3N	SP12-3N	N/A
	Models with 1/8" NPTF pilot ports on both ends of subplate: SP2-3	SP3-3	SP4-3	SP6-3	SP8-3	SP12-3	N/A
SIDE PORTED, SINGLE EXHAUST Inlet and common exhaust on one side, two cylinder ports on opposite side. 	Models with no pilot ports in the subplate: SP2-4N	SP3-4N	SP4-4N	SP6-4N	N/A	N/A	N/A
	Models with 1/8" NPTF pilot ports on both ends of subplate: SP2-4	SP3-4	SP4-4	SP6-4	N/A	N/A	N/A
BOTTOM PORTED, DUAL EXHAUST Inlet, two exhausts and two cylinder ports tapped into bottom side of subplate. 	Models with no pilot ports in the subplate: SP2-1N	SP3-1N	SP4-1N	SP6-1N	SP8-1N	SP12-1N	SP16-1N
	Models with 1/8" NPTF pilot ports on bottom of subplate: SP2-1	SP3-1	SP4-1	SP6-1	SP8-1	SP12-1	SP16-1
BOTTOM PORTED, SINGLE EXHAUST Inlet, one common exhaust, and two cylinder ports tapped into bottom of subplate. 	Models with no pilot ports in the subplate: SP2-2N	SP3-2N	SP4-2N	SP6-2N	N/A	N/A	N/A
	Models with 1/8" NPTF pilot ports on bottom of subplate: SP2-2	SP3-2	SP4-2	N/A	N/A	N/A	N/A

STANDARD SUBPLATES

The table below gives diameter and spacing of the mounting holes in the subplates. If more dimensions are required, please request factory drawings through your distributor. (All dimensions in inches and threads per inch).

Subplate No.	Hole Pattern	Hole Dia.	Mounting Screw
SP2 & SP3	1-29/32" x 4-3/16"	13/64"	10-24x7/8"
SP4	3" x 4-3/4"	17/64"	1/4-20x2"
SP6 & SP8	3-3/4" x 7-7/16"	11/32"	5/16-18x2-1/4"
SP12 & SP16	5-3/4" x 10-3/4"	35/64"	1/2-13x3-3/4"

SUBPLATE-TO-VALVE SEALS

O-ring seals are furnished with each subplate valve for sealing between valve body and subplate. Replacement O-rings, if needed, can be purchased locally. Sizes are shown in this chart. Any material, such as Buna-N which is compatible with air line lubrication can be used. Seal kits obtained from the AAA factory include these seals.

Subplate No.	Port O-Ring	Pilot O-Ring
SP2 & SP3	1/2" x 5/8"	3/16" x 5/16"
SP4	5/8" x 13/16"	1/8" x 1/4"
SP6 & SP8	1-1/8" x 1-3/8"	3/8" x 9/16"
SP12 & SP16	1-3/4" x 2"	3/8" x 9/16"

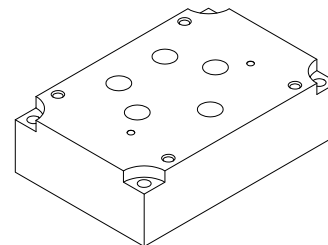
PILOT PORTS. Read the valve description to see whether external pilot or bleed connections can be brought to the valve through the subplate. Then, select a subplate either with or without external pilot ports as required.

SUBPLATE DIMENSIONS

Subplate Model NO.	Subplate Height	Mounting Dimensions	Mounting Holes (4)	Blank Subplate NO.
SP2-, SP3-	29/32"	4-3/16"x1-29/32"	13/64"	*
SP4-	1-1/2"	4-3/4"x3"	17/64"	SP4
SP6-, SP8-	2-5/16"	7-7/16"x3-3/4"	11/32"	SP8
SP12-, SP16-	3-7/16"	10-3/4"x5-3/4"	35/64"	SP12

*The SP2 and SP3 subplates are die cast and cannot be furnished

without port holes. They can be used as 29/32" high mounting spacers for threaded body 1/4" and 3/8" valves.



SP4 Blank Subplate

BLANK SUBPLATES

Blank bases are provided with four tapped holes for valve mounting but without port holes. For special applications, user can drill port holes to suit. For 3-way service, the unused cylinder port hole can be left undrilled.