

## A2RA 7736-7 - Specifications

### General

Mounting	Flange mounting
Connection threads	
Inlet port (std)	1/4 NPTF
Alt. Inlet port	1/4 NPTF
Nozzle outlet (plug)	1/8 NPTF
Alt. nozzle port#1 (gauge port)	1/8 NPTF
Alt. nozzle port#2 (bleeder port)	1/8 NPSF
Pressure gauge port	1/8 NPTF
Bleeder valve port	1/8 NPSF
External pressure regulator needed	No
Cut-off at nozzle port	Yes
Cut-off at alternate nozzle plug port	No cut-off
Strainer	30x30 mesh (build into pump)
Shaft diameter	5/16 in

### Hydraulic Data

Nozzle pressure range	100-150 psi
Alternate nozzle port pressure range	0-150 psi **
Factory pressure setting	100 psi
Outlet flow rate (Gph)	2.5 @ 110 psi, 2.5 @ 30 psi *
Oil temperature	50 - 115 F
Inlet pressure	10 psi max
Operating vacuum	20" Hg max.(waste oil and #4 fuel) 10" Hg max.(#2 and lighter fuel) to prevent air separation from oil
Motor Speed	1725 rpm (use alt. nozzle port) or 3450 rpm
Required Motor HP	1/8 HP 1725 rpm, 1/7 HP 3450 rpm
Recommended inlet line length (Ft)	1/2" line 20' max, 3/4" line 90' max.

Note: (\*) Use alternate nozzle port for 1725 rpm on this model.

Note: (\*\*) Alternate nozzle ports do not have cutoff; port line pressure depends on line restrictions, but will not exceed the primary nozzle port pressure setting.