

TECHNICAL DATA

General

Mounting	Hub mounting according to EN 225. (Flange mounting available on AL 75/75K/95/95K models)
Connection threads	cylindrical according to ISO 228/1.
Inlet and return	G 1/4 (with facilities for conical sealing on revision 5 and 6 models)
Nozzle outlet	G 1/8
Pressure gauge port	G 1/8
Vacuum gauge port	G 1/8
Valve function	Pressure regulation.
Strainer	open area : 6 cm ² (AL 35/35K/55/55K/65/65K) 20 cm ² (AL 75/75K/95/95K). opening size : 150 µm.
Shaft	Ø 8 mm according to EN 225.
By-pass plug	inserted in return port for two-pipe system ; to be removed with a 4 mm Allen key for one pipe system.
Weight	1,1- 1,3 kg (depending on the model).

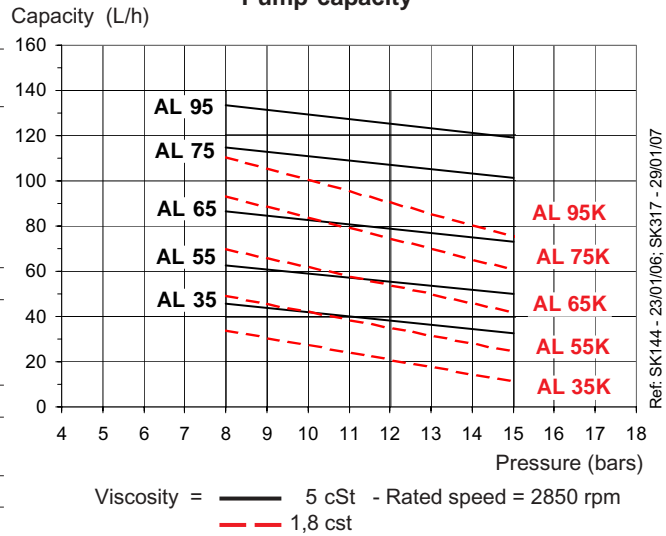
Hydraulic Data

Nozzle pressure range	8 - 15 bars (other ranges available on request, refer to the specified range of the particular fuel unit)
Delivery pressure setting	9 bars (AL 35/35K/55/55K/65/65K) 12 bars (AL 75/75K/95/95K)
Operating viscosity	2 - 12 mm ² /s (cSt) for AL 35/55/65/75/95 1 - 12 mm ² /s (cSt) for AL 35K/55K/65K/75K/95K
Oil temperature	0 - 60°C in the pump.
Inlet pressure	2 bars max.
Return pressure	2 bars max.
Suction height	0,45 bars max. vacuum to prevent air separation from oil
Rated speed	3600 rpm max.
Torque (@ 45 rpm)	0,10 N.m (AL 35/35K/55/55K) - 0,12 N.m (AL 65/65K) 0,14 N.m (AL 75/75K) - 0,20 N.m (AL 95/95K)

Solenoid valve characteristics

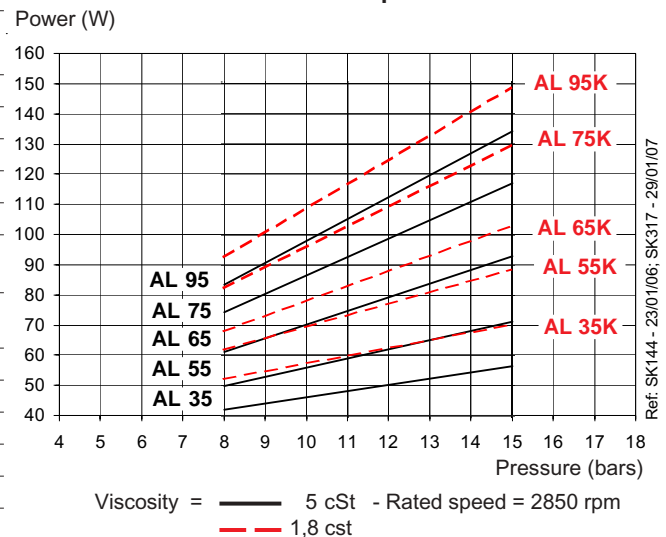
Voltage	220-240 or 110-120 or 24 V; 50/60 Hz
Consumption	9 W
Ambient temperature	0 - 60°C
Maximum pressure	25 bars
Certified	TÜV Nr stamped on pump cover.
Protection class	IP 54 according to EN 60529, when used with SUNTEC connector cable.

Pump capacity



Data shown take into account a wear margin.
Do not oversize the pump when selecting the gear capacity.

Power consumption



PUMP DIMENSIONS

Examples show "C" rotation and nozzle outlet.

