

SPECIFICATIONS

SULLAIR INDUSTRIAL PRODUCTS

No. : 10000024121

Rev: 00

AS5500 Series, 75 HP - 50 Hz Horsepower Rated

MODEL	AS5507	AS5508	AS5510	AS5512
Compressor Performance*				
Full Load Pressure - bar (psig)	7(101.5)	8(116)	10(145)	12(175)
Capacity at Full Load Pressure - m³/min (acfm)	10.5(370.8)	9.5(335.5)	8.6(303.7)	7.6(268)
Power at Full Load Pressure –Shaft kW (BHP)	60.5(81.1)	58.4(78.3)	60.4(81)	61.5(82.4)
Package kW(BHP) Air-cooled	66.8 (89.6)	66.8 (89.6)	66.7 (89.4)	67.8 (90.9)
Gear Ratio	2.26	2.03	1.91	1.69
Electrical Data (Typical)	380V		415V	
Motor hp (hp rated kW)	75(55)		75(55)	
Motor Nominal Efficiency	94.6%		94.6%	
Nominal rpm	1485		1485	
Frame Size	250M		250M	
Service Factor	1.15		1.15	
Nameplate Amps---FLA/SFA	99.9/112.4		94.6/106.5	
Locked Rotor Amps - Max.	695.3		777.6	
Starter Type	Y-delta		Y-delta	
Electrical Enclosure	IP55		IP55	
Cooling Data				
Fluid Flow – gpm(L/min)	19(71.9)	20.4(77.2)	22.5(85.2)	25.1(95)
Heat Rejection – Fluid Clr.BTU/min(kW)	2883(50.7)	2805(49.3)	2918(51.3)	2880(50.6)
Heat Rejection – Aft.Clr.BTU/min(kW)	975(17.1)	891(15.7)	817(14.4)	750(13.2)
Air/Fluid Receiver				
Fluid Fill Capacity - Liter (U.S. Gal.)	35 (9.2)	35 (9.2)	35 (9.2)	35 (9.2)
Volume –Liter (U.S. Gal.)	90 (23.9)	90 (23.9)	90 (23.9)	90 (23.9)
Rated Pressure –Bar(psig)	15.7 (228)	15.7 (228)	15.7 (228)	15.7 (228)
Dimensions & Weights w/oEnclosure				
Length - mm (inches)	2000(78.7)	2000(78.7)	2000(78.7)	2000(78.7)
Width - mm (inches)	1200(47.2)	1200(47.2)	1200(47.2)	1200(47.2)
Height - mm (inches)	1680(66.1)	1680(66.1)	1680(66.1)	1680(66.1)
Weight - kg (lbs.) - Air-cooled	1410 (3108)			
Discharge Connection	Rc2	Rc2	Rc2	Rc2
Moisture Drain Connection	G1/2	G1/2	G1/2	G1/2
dba Ratings at 1 Meter (Typical)				
Air – cooled w/ enclosure	82	82	82	82
Cooling Air Flows				
Air Flow Air-cooled Fan - m³/min (cfm)	221(7800)	221(7800)	221(7800)	221(7800)
Air-cooled Fan Motor – hp(hp rated kW)	3(2.2)	3(2.2)	3(2.2)	3(2.2)
Filter Rating				
Inlet Air	99.5% Eff.Per SAE J726C			
Main Lubricant Flow	Beta3=2.Beta23=75 Per ISO4572			

*Capacity per GB3853 (Annex C to ISO 1217)

NOTE: Data subject to change without notice.