

CA15 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	42.6			
Basic Pump				
Model	E15			
Stage	2			
Lubrication type	Splash Lubrication			
Valve type	Disc Valve – Stainless Steel			
RPM (min – max) – rpm	500 - 1050			
Outfit RPM	837			
BHP – HP	15.73			
Bore (LP/HP) – inch	(2) 4.72" - 3.93"			
Stroke – inch	3.15"			
Inlet size	Rc1 BSPT			
Discharge size	1 1/8"OD			
Sheave OD	13.86"			
Sheave PD	13.51"			
Number of belts	4			
Belt section	B			
Low oil sight glass	Sight Glass			
Oil quantity	10 Pints			
Unloaders and Method	Pressure Switch Unloader standard, Suction Head option			
Noise level – dB(A)	90			
Motor	3-200V	3-230V	3-460	3-575V
Enclosure	IP23	IP23	IP23	IP23
Insulation Class	F	F	F	F
Efficiency - %	91%	93%	93%	93%
Nominal rated power – HP	15	15	15	15
Speed of rotation - rpm	1760	1765	1765	1765
FLA	43	35.4	17.7	14.1
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	290	224	112	89
Power Factor	83	86	86	86
Installation condition				
Allowed ambient temperature min - max - °F	32-104			
Compressor dimensions				
Air Receiver Type	Horizontal		Horizontal UP	
Air receiver size (Gal)	120		120	
Compressor outlet	1" NPT		1" NPT	
Length – inch	74		74	
Width – inch	28		35	
Height – inch	57		58	
Weight – Lbs.	1225		1311	
Air Cooled Aftercooler (Option)				
Availability	Yes			
Air cooled aftercooler CTD - °F	18			

Remark:

1. Capacity (FAD) measured in accordance with ISO 1217, Ed 3, Attachment C 1996, Ref. condition: Dry air, suction pressure 1 bar.
2. Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
3. Due to continuous product development at FS-CURTIS, design and specifications are subject to change without notice.