

CA10 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	34.2			
Basic Pump				
Model	E71			
Stage	2			
Lubrication type	Splash Lubrication			
Valve type	Disc Valve – Stainless Steel			
RPM (min – max) – rpm	500 - 1050			
Outfit RPM	927			
BHP – HP	10.78			
Bore (LP/HP) – inch	(2) 3.93" - 3.15"			
Stroke – inch	2.76"			
Inlet size	Rc1 BSPT			
Discharge size	7/8"OD			
Sheave OD	11.81"			
Sheave PD	11.46"			
Number of belts	3			
Belt section	B			
Low oil sight glass	Sight Glass			
Oil quantity	5 Pints			
Unloaders and Method	Pressure Switch Unloader standard, Suction Head option			
Noise level – dB(A)	86			
Motor	3-200V	3-230V	3-460	3-575V
Enclosure	IP23	IP23	IP23	IP23
Insulation Class	F	F	F	F
Efficiency - %	89.5	91.7	91.7	91.7
Nominal rated power – HP	10	10	10	10
Speed of rotation - rpm	1765	1770	1770	1770
FLA	30.8	25.0	12.5	10.0
Service factor	1.15	1.15	1.15	1.15
Locked rotor current – A	218	168	84	67
Power Factor	78	82	82	82
Installation condition				
Allowed ambient temperature min - max - °F	32-104			
Compressor dimensions				
Air Receiver Type	Vertical	Vertical UP	Horizontal	Horizontal UP
Air receiver size (Gal)	120	120	120	120
Compressor outlet	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
Length – inch	45	45	74	74
Width – inch	34	34	26	37
Height – inch	80	80	53	54
Weight – Lbs.	940	1026	940	1026
Air Cooled Aftercooler (Option)				
Availability	Yes			
Air cooled aftercooler CTD - °F	18			

Remark:

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

CA10 DUPLEX TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	68.4			
Basic Pump				
Model	E71			
Stage	2			
Lubrication type	Splash Lubrication			
Valve type	Disc Valve – Stainless Steel			
RPM (min – max) – rpm	500 - 1050			
Outfit RPM	927			
BHP – HP	10.78			
Bore (LP/HP) – inch	(2) 3.93" - 3.15"			
Stroke – inch	2.76"			
Inlet size	Rc1 BSPT			
Discharge size	7/8"OD			
Sheave OD	11.81"			
Sheave PD	11.46"			
Number of belts	3			
Belt section	B			
Low oil sight glass	Sight Glass			
Oil quantity	5 Pints			
Unloaders and Method	Pressure Switch Unloader standard, Suction Head option			
Noise level – dB(A)	86			
Motor	3-200V	3-230V	3-460	3-575V
Enclosure	IP23	IP23	IP23	IP23
Insulation Class	F	F	F	F
Efficiency - %	89.5	91.7	91.7	91.7
Nominal rated power – HP	10	10	10	10
Speed of rotation - rpm	1765	1770	1770	1770
FLA	30.8	25.0	12.5	10.0
Service factor	1.15	1.15	1.15	1.15
Locked rotor current – A	218	168	84	67
Power Factor	78	82	82	82
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	3/4" NPT		3/4" NPT	
Length – inch	90		90	
Width – inch	30		32	
Height – inch	53		53	
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.