

CT10 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	29.7			
Basic Pump				
Model	CT75			
Stage	2			
Lubrication type	Splash Lube			
Valve type	Channel Valve			
RPM (min – max) – rpm	500 - 1050			
Outfit RPM	1049			
Bore (LP/HP) – inch	4.72" – 2.56" [120mm – 65mm]			
Stroke – inch	3.15" [80mm]			
Inlet size	3/4"NPT			
Discharge size	7/8" NPT			
Sheave OD	16.53" [420mm]			
Sheave PD	16.32" [414.5mm]			
Number of belts	2			
Belt section	A			
Low oil sight glass	N/A			
Oil quantity	3 Quarts			
Unloaders and Method	Bleeder Type Pressure Switch			
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			
Air receiver size (Gal)	120			
Compressor outlet	3/4" NPT			
Length – inch	74			
Width – inch	25			
Height – inch	53			
Weight – Lbs.	833			
Air Cooled Aftercooler (Option)				
Availability	N/A			
Air cooled aftercooler CTD - °F	N/A			

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.