

# CT7.5 SIMPLEX

## TECHNICAL DATA

<b>Capacity and power: ISO-1217(1996 annex #C)</b>					
Normal working pressure - psi	175				
Capacity at normal working press - cfm	24.2				
<b>Basic Pump</b>					
Model	CT75				
Stage	2				
Lubrication type	Splash Lubrication				
Valve type	Channel Valve				
RPM (min – max) – rpm	650-1000				
Outfit RPM	879				
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	Yes				
Oil quantity	3 Quarts				
Unloaders and Method	Bleeder Type Pressure Switch				
<b>Motor</b>	<b>1-230V</b>	<b>3-200V</b>	<b>3-230V</b>	<b>3-460</b>	<b>3-575V</b>
Enclosure	IP21	IP23	IP23	IP23	IP23
Insulation Class	F	F	F	F	F
Efficiency - %	84.5	88.5	91	91	91
Nominal rated power – HP	7.5	7.5	7.5	7.5	7.5
Speed of rotation - rpm	1755	1750	1770	1770	1770
FLA	30.6	23.0	19.4	9.7	7.8
Service factor	1.15	1.15	1.15	1.15	1.15
Locked rotor current – A	218	163	142	71	57
Power Factor	94	79	79	79	79
<b>Installation condition</b>					
Allowed ambient temperature min - max - °F	32-104				
<b>Compressor dimensions</b>					
Air Receiver Type	Vertical				
Air receiver size (Gal)	80				
Compressor outlet	1/2" NPT				
Length – inch	36				
Width – inch	27				
Height – inch	73				
Weight – Lbs.	573				
<b>Air Cooled Aftercooler (Option)</b>					
Availability	N/A				
Air cooled aftercooler CTD - °F	N/A				

**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.