

## ML15 SIMPLEX

### TECHNICAL DATA

<b>Capacity and power: ISO-1217(1996 annex #C)</b>				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	49.5			
<b>Basic Pump</b>				
Model	D97A			
Stage	2			
Lubrication type	Centro-Ring Pressure Lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 800			
Outfit RPM	800			
BHP – HP	12.86			
Bore (LP/HP) – inch	6.25" – 3.375"			
Stroke – inch	3.75"			
Inlet size	1 1/4" NPT			
Discharge size	1 1/4" OD			
Sheave OD	17.875"			
Sheave PD	17.52"			
Number of belts	3			
Belt section	B			
Low oil sight glass	Dip Stick			
Oil quantity	5 pints			
Unloaders and Method	APU Unloaders			
Noise level – dB(A)	82			
<b>Motor</b>	<b>3-200V</b>	<b>3-230V</b>	<b>3-460</b>	<b>3-575V</b>
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
<b>Installation condition</b>				
Allowed ambient temperature min - max - °F	32-104			
<b>Compressor dimensions</b>				
Air Receiver Type	Horizontal		Horizontal UP	
Air receiver size (Gal)	120		120	
Compressor outlet	3/4" NPT		3/4" NPT	
Length – inch	74		74	
Width – inch	33		36	
Height – inch	59		59	
Weight – Lbs.	1150		1250	
<b>Air Cooled Aftercooler (Option)</b>				
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.

## ML15 BASE MOUNTED

### TECHNICAL DATA

<b>Capacity and power: ISO-1217(1996 annex #C)</b>				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	49.5			
<b>Basic Pump</b>				
Model	D97A			
Stage	2			
Lubrication type	Centro-Ring Pressure Lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 800			
Outfit RPM	800			
BHP – HP	12.86			
Bore (LP/HP) – inch	6.25" – 3.375"			
Stroke – inch	3.75"			
Inlet size	1 1/4" NPT			
Discharge size	1 1/4" OD			
Sheave OD	17.875"			
Sheave PD	17.52"			
Number of belts	3			
Belt section	B			
Low oil sight glass	Dip Stick			
Oil quantity	5 Pints			
Unloaders and Method	Suction Head			
Noise level – dB(A)	82			
<b>Motor</b>	<b>3-200V</b>	<b>3-230V</b>	<b>3-460</b>	<b>3-575V</b>
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
<b>Installation condition</b>				
Allowed ambient temperature min - max - °F	32-104			
<b>Compressor dimensions</b>				
Air Receiver Type	Base Mounted			
Air receiver size (Gal)	N/A			
Compressor outlet	1 1/4" NPT			
Length – inch	41			
Width – inch	33			
Height – inch	35			
Weight – Lbs.	775			
<b>Air Cooled Aftercooler (Option)</b>				
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.