

ML20 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	65.1			
Basic Pump				
Model	C89A			
Stage	2			
Lubrication type	Centro-Ring pressure lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	600 - 900			
Outfit RPM	950			
BHP – HP	17.34			
Bore (LP/HP) – inch	7" – 3.375"			
Stroke – inch	3.75"			
Inlet size	1 1/2" 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)	85			
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	20	20	20	20
Speed of rotation - rpm	1760	1765	1765	1765
FLA	58	47	23.5	18.9
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	386	336	168	134
Power Factor	81	86	86	85
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	73			
Width – inch	33			
Height – inch	58			
Weight – Lbs.	1125			
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.