

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 1/2 NPT			
Sheave OD		17.8		
Sheave PD		17.		
Number of belts		3		
Belt section		E		
Low oil sight glass		Dip S	Stick	
Oil quantity		5 pi		
Unloaders and Method	Suction head			
Noise level – dB(A)	85			
Motor	3-200V	3-230V	3-460	3-575V
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Enclosure	IP23	IP23	IP23	IP23
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Enclosure Insolation Class	IP23	IP23	IP23	IP23
Enclosure	IP23 F	IP23 F	IP23 F	IP23 F
Enclosure Insolation Class Efficiency - %	IP23 F 91	IP23 F 93	IP23 F 93	IP23 F 93
Enclosure Insolation Class Efficiency - % Nominal rated power – HP	IP23 F 91 20	IP23 F 93 20	IP23 F 93 20	IP23 F 93 20
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm	IP23 F 91 20 1760	IP23 F 93 20 1765	IP23 F 93 20 1765	IP23 F 93 20 1765
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA	IP23 F 91 20 1760 58	IP23 F 93 20 1765 47	IP23 F 93 20 1765 23.5	IP23 F 93 20 1765 18.9
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor	IP23 F 91 20 1760 58 1.15	IP23 F 93 20 1765 47 1.15	IP23 F 93 20 1765 23.5 1.15	IP23 F 93 20 1765 18.9 1.15
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15	IP23 F 93 20 1765 23.5 1.15	IP23 F 93 20 1765 18.9 1.15
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15	IP23 F 93 20 1765 23.5 1.15 168 86	IP23 F 93 20 1765 18.9 1.15
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor Installation condition	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15 336 86	IP23 F 93 20 1765 23.5 1.15 168 86	IP23 F 93 20 1765 18.9 1.15
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15 336 86	IP23 F 93 20 1765 23.5 1.15 168 86	IP23 F 93 20 1765 18.9 1.15
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Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15 336 86 Horiz	IP23 F 93 20 1765 23.5 1.15 168 86	IP23 F 93 20 1765 18.9 1.15
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal)	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15 336 86 Horiz	IP23 F 93 20 1765 23.5 1.15 168 86	IP23 F 93 20 1765 18.9 1.15
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15 336 86 Horiz 12 3/4"	IP23 F 93 20 1765 23.5 1.15 168 86	IP23 F 93 20 1765 18.9 1.15
Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15 336 86 Horiz 12 3/4" 7:	IP23 F 93 20 1765 23.5 1.15 168 86 I04 ontal ONPT 3	IP23 F 93 20 1765 18.9 1.15
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Enclosure Insolation Class Efficiency - % Nominal rated power – HP Speed of rotation - rpm FLA Service Factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch Height – inch Weight – Lbs.	IP23 F 91 20 1760 58 1.15 386	IP23 F 93 20 1765 47 1.15 336 86 Horiz 12 3/4" 73	IP23 F 93 20 1765 23.5 1.15 168 86 IO4 Ontal ONPT 3 3 3 3 3 25	IP23 F 93 20 1765 18.9 1.15

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.