

ML20+ SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	79.3		49.4	
Basic Pump				
Model	C98A			
Stage	2			
Lubrication type	Centro-Ring pressure lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 950			
Outfit RPM	765		577	
BHP – HP	23.71		17.8	
Bore (LP/HP) – inch	7.5" – 4.19"			
Stroke – inch	5"			
Inlet size	2"NPT			
Discharge size	1 1/4" OD			
Sheave OD	21"			
Sheave PD	20.65"			
Number of belts	4			
Belt section	B			
Low oil sight glass	Dip Stick			
Oil quantity	6 quarts			
Unloaders and Method	Suction Head Unloaders			
Noise level – dB(A)	89			
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)	200			
Compressor outlet	1" NPT			
Length – inch	78			
Width – inch	43			
Height – inch	76			
Weight – Lbs.	2050			
Air Cooled Aftercooler (Option)				
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.

ML20+ DUPLEX TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	158.6		98.8	
Basic Pump				
Model	C98A			
Stage	2			
Lubrication type	Centro-Ring pressure lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 950			
Outfit RPM	765		577	
BHP – HP	23.71		17.8	
Bore (LP/HP) – inch	7.5" – 4.19"			
Stroke – inch	5"			
Inlet size	2"NPT			
Discharge size	1 1/4" OD			
Sheave OD	21"			
Sheave PD	20.65"			
Number of belts	4			
Belt section	B			
Low oil sight glass	Dip Stick			
Oil quantity	6 quarts			
Unloaders and Method	Suction Head Unloaders			
Noise level – dB(A)	89			
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		Horizontal UP	
Air receiver size (Gal)	240		240	
Compressor outlet	1" NPT		1" NPT	
Length – inch	95		105	
Width – inch	46		53	
Height – inch	73		73	
Weight – Lbs.	3650		3800	
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.

ML20+ BASE MOUNTED TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	79.3		49.4	
Basic Pump				
Model	C98A			
Stage	2			
Lubrication type	Centro-Ring pressure lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 950			
Outfit RPM	765		577	
BHP – HP	23.71		17.8	
Bore (LP/HP) – inch	7.5" – 4.19"			
Stroke – inch	5"			
Inlet size	2"NPT			
Discharge size	1 1/4" OD			
Sheave OD	21.00"			
Sheave PD	20.65"			
Number of belts	4			
Belt section	B			
Low oil sight glass	Dip Stick			
Oil quantity	6 quarts			
Unloaders and Method	Suction head			
Noise level – dB(A)	89			
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	Base Mounted – Vertical Tank		Base Mounted – Vert. Tank UP	
Air receiver size (Gal)	120		120	
Compressor outlet	2" NPT		2" NPT	
Length – inch	48		80	
Width – inch	37		45	
Height – inch	42		58	
Weight – Lbs.	1800		2000	
Air Cooled Aftercooler (Option)				
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.