

ML25 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	82.4		72.9	
Basic Pump				
Model	C98A			
Stage	2			
Lubrication type	Centro-Ring pressure lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 950			
Outfit RPM	837		768	
BHP – HP	24.5		27	
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			
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 - %	91.7	93.6	93.6	94.1
Nominal rated power – HP	25	25	25	25
Speed of rotation - rpm	1760	1770	1770	1770
FLA	70	60	30	28
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	386	336	158	134
Power Factor	83	82	82	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.	2150			
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.

ML25 DUPLEX TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	164.8		145.8	
Basic Pump				
Model	C98A			
Stage	2			
Lubrication type	Centro-Ring pressure lube			
Valve type	Disc valve			
RPM (min – max) – rpm	500 - 950			
Outfit RPM	837		768	
BHP – HP	24.5		27	
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			
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 - %	91.7	93.6	93.6	94.1
Nominal rated power – HP	25	25	25	25
Speed of rotation - rpm	1760	1770	1770	1770
FLA	70	60	30	28
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	386	336	158	134
Power Factor	83	82	82	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		74	
Weight – Lbs.	3750		3900	
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).
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ML25 BASE MOUNTED TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	82.4		72.9	
Basic Pump				
Model	C98A			
Stage	2			
Lubrication type	Centro-Ring pressure lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 950			
Outfit RPM	837		768	
BHP – HP	24.5		27	
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 - %	91.7	93.6	93.6	94.1
Nominal rated power – HP	25	25	25	25
Speed of rotation - rpm	1760	1770	1770	1770
FLA	70	60	30	28
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	386	336	158	134
Power Factor	83	82	82	85
Installation condition				
Allowed ambient temperature min - max - °F	32-104			
Compressor dimensions				
Air Receiver Type	Base Mounted	B.M. Vert. Tank	B.M. Vert. Tank UP	
Air receiver size (Gal)	N/A	120	120	
Compressor outlet	2" NPT	1" NPT	1" NPT	
Length – inch	48	76	80	
Width – inch	37	42	45	
Height – inch	42	58	58	
Weight – Lbs.	1200	1900	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.