

ML30 BASE MOUNTED

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)							
Normal working pressure - psi		1	75				
F.A.D. at normal working press - CFM		90.1					
Basic Pump							
Model		C98A					
Stage			2				
Lubrication type		· ·	_	ne ne			
Valve type		Centro-Ring pressure lube Disc Valve					
RPM (min – max) – rpm		500 - 950					
Outfit RPM		940					
BHP – HP		28.16					
Bore (LP/HP) – inch			- 4.19"				
Stroke – inch			5"				
Inlet size			VPT				
Discharge size			l" OD				
Sheave OD			.00"				
Sheave PD			.65"				
Number of belts		4					
Belt section		В					
Low oil sight glass		Dip Stick					
Oil quantity	6 quarts						
Unloaders and Method		Suction head					
Noise level – dB(A)		89					
Motor	3-200V			3-575V			
Enclosure	IP23	IP23	IP23	IP23			
Insolation	F	F	F	F			
Efficiency - %	94.1	94.1	94.1	94.1			
Nominal rated power – HP	30	30	30	30			
Speed of rotation - rpm	1770	1770	1770	1770			
FLA	81	70	35	28			
Service Factor	1.15	1.15	1.15	1.15			
Locked rotor current – A	515	447	224	179			
Power Factor	85	85	85	85			
Installation condition							
Allowed ambient temperature min - max - °F		32-104					
Compressor dimensions							
Air Receiver Type	Base Mounted	B.M. Ve	ert.Tank	B.M. Vert.Tank UP			
Air receiver size (Gal)	N/A			120			
Compressor outlet	2" NPT	1"1	NPT	1" NPT			
Length – inch	48	7	'6	80			
Width – inch	37			45			
Height – inch	42	5	i8	58			
Weight – Lbs.	1250	20	000	2100			
Air Cooled Aftercooler (Option)							
Availability		Yes					
Air cooled aftercooler CTD - °F		1	8				
Pomork	I .						

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.



ML30 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)						
Normal working pressure - psi		17	5			
F.A.D. at normal working press - CFM		90.1				
Basic Pump						
Model		C9	3A			
Stage		2				
Lubrication type		·				
Valve type		Centro-Ring pressure lube Disc Valve				
RPM (min – max) – rpm		500 - 950				
Outfit RPM		940				
BHP – HP		28.16				
Bore (LP/HP) – inch		7.5" –				
Stroke – inch		5				
Inlet size		2" N				
Discharge size		1 1/4				
Sheave OD		21.0				
Sheave PD		20.0				
Number of belts		4				
Belt section		В				
Low oil sight glass		Dip Stick				
Oil quantity		6 quarts				
Unloaders and Method		Suction head				
Noise level – dB(A)		89				
Motor	3-200V					
Enclosure	IP23	IP23	IP23	IP23		
Insolation	F	F	F	F		
Efficiency - %	94.1	94.1	94.1	94.1		
Nominal rated power – HP	30	30	30	30		
Speed of rotation - rpm	1770	1770	1770	1770		
FLA	81	70	25			
	0 1	70	35	28		
Service Factor	1.15	1.15	1.15	28 1.15		
Service Factor Locked rotor current – A						
	1.15	1.15	1.15	1.15		
Locked rotor current – A	1.15 515	1.15 447	1.15 224	1.15 179		
Locked rotor current – A Power Factor	1.15 515	1.15 447	1.15 224 85	1.15 179		
Locked rotor current – A Power Factor Installation condition	1.15 515	1.15 447 85	1.15 224 85	1.15 179		
Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F	1.15 515	1.15 447 85	1.15 224 85	1.15 179		
Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions	1.15 515	1.15 447 85 32-	1.15 224 85 104 ontal	1.15 179		
Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type	1.15 515	1.15 447 85 32-	1.15 224 85 104 ontal	1.15 179		
Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal)	1.15 515	1.15 447 85 32-	1.15 224 85 104 ontal 0	1.15 179		
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	1.15 515	1.15 447 85 32- Horiz 20 1" N	1.15 224 85 004 ontal 0 PT	1.15 179		
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	1.15 515	1.15 447 85 32- Horiz 20 1" N 77 15	1.15 224 85 104 ontal 0 PT 5/16"	1.15 179		
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	1.15 515	1.15 447 85 32- Horiz 20 1" N 77 15	1.15 224 85 104 ontal 0 PT 5/16" ""	1.15 179		
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	1.15 515	1.15 447 85 32- Horiz 20 1" N 77 15 43 75 29	1.15 224 85 104 ontal 0 PT 5/16" ""	1.15 179		
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.	1.15 515	1.15 447 85 32- Horiz 20 1" N 77 15 43 75 29	1.15 224 85 104 ontal 0 PT 5/16" 3"	1.15 179		

Remark:

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ML30 DUPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)						
Normal working pressure - psi		17	75			
F.A.D. at normal working press - CFM		180.2				
Basic Pump						
Model		C98A				
Stage			2			
Lubrication type		Centro-Ring pressure lube				
Valve type		Disc Valve				
RPM (min – max) – rpm		500 - 950				
Outfit RPM		940				
BHP – HP		28.16				
Bore (LP/HP) – inch		7.5" –				
Stroke – inch			"			
Inlet size		2" N				
Discharge size			" OD			
Sheave OD		21.				
Sheave PD			65"			
Number of belts			4			
Belt section		В				
Low oil sight glass		Dip Stick				
Oil quantity		6 quarts				
Unloaders and Method			n head			
Noise level – dB(A)		8				
Motor	3-200V					
Enclosure	IP23	IP23	IP23	IP23		
Insolation	F	F	F	F		
Efficiency - %	94.1	94.1	94.1	94.1		
Nominal rated power – HP	30	30	30	30		
Speed of rotation - rpm	1770	1770	1770	1770		
FLA	81	70	35	28		
Service Factor	1.15	1.15	1.15	1.15		
Locked rotor current – A	515	447	224	179		
Power Factor	85	85	85	85		
Installation condition		<u> </u>	<u> </u>	<u> </u>		
Allowed ambient temperature min - max - °F		32-104				
Compressor dimensions						
Air Receiver Type	Dup	Duplex		Duplex UP		
Air receiver size (Gal)		240		240		
Compressor outlet	1" N	1" NPT		1" NPT		
Length – inch	94	94 7/8"		104 13/16"		
Width – inch	45 1 ⁻	45 17/32"		5/32"		
Height – inch		72 13/32"		73 13/32"		
Weight – Lbs.		3850		4075		
Air Cooled Aftercooler (Option)						
Availability		Yes				
Air cooled aftercooler CTD - °F		18				
Pomork:		•				

Remark:

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