

ML30 BASE MOUNTED

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)							
Normal working pressure - psi	175						
F.A.D. at normal working press - CFM	90.1						
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" – 4.19"					
Stroke – inch			5"				
Inlet size		2" NPT					
Discharge size			" OD				
Sheave OD		21.					
Sheave PD			65"				
Number of belts			4				
Belt section		В					
Low oil sight glass	Dip Stick						
Oil quantity			uarts				
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			-				
Allowed ambient temperature min - max - °F		32-104					
Compressor dimensions							
·	Base Mounted	B.M. Ve	ert.Tank	B.M. Vert.Tank UF			
Compressor dimensions	Base Mounted N/A		ert.Tank 20	B.M. Vert.Tank UF			
Compressor dimensions Air Receiver Type		12					
Compressor dimensions Air Receiver Type Air receiver size (Gal)	N/A	12 1" N	20	120			
Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet	N/A 2" NPT	12 1" N 7	20 NPT	120 1" NPT			
Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch	N/A 2" NPT 48	12 1" N 7	20 NPT '6	120 1" NPT 80			
Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch	N/A 2" NPT 48 37	12 1" N 7 4	20 NPT '6	120 1" NPT 80 45			
Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch Height – inch	N/A 2" NPT 48 37 42	12 1" N 7 4	20 NPT 6 -2	120 1" NPT 80 45 58			
Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch Height – inch Weight – Lbs.	N/A 2" NPT 48 37 42	12 1" N 7 4 5 20	20 NPT 6 -2	120 1" NPT 80 45 58			

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		175				
F.A.D. at normal working press - CFM		90.1				
Basic Pump						
Model		C9	8A			
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" – 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			1			
Belt section			3			
Low oil sight glass			Stick			
Oil quantity		6 qu				
Unloaders and Method			n head			
Noise level – dB(A)		8				
Motor	3-200V	3-230V	3-460	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				<u> </u>		
Allowed ambient temperature min - max - °F		32-104				
Compressor dimensions			-			
Air Receiver Type		Horizontal				
Air receiver size (Gal)		200				
Compressor outlet		1" N	NPT			
Length – inch		77 1	5/16"			
Width – inch		4:	3"			
Height – inch		75 29	9/32"			
Weight – Lbs.			50			
Air Cooled Aftercooler (Option)						
Availability		Ye	es			
Air cooled aftercooler CTD - °F			8			
Pamark:	<u> </u>					

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 Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
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ML30 DUPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)					
Normal working pressure - psi		175			
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" – 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		E	3		
Low oil sight glass		Dip S	Stick		
Oil quantity		6 qu			
Unloaders and Method		Suction			
Noise level – dB(A)		8	9		
Motor	3-200V	3-230V	3-460	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					
		Duplex		Duplex UP	
Air Receiver Type	Dup	olex	Duple	ex UP	
-	Dup 24			ex UP 40	
Air Receiver Type		10	2.		
Air Receiver Type Air receiver size (Gal)	24	IPT	2 ⁴	40	
Air Receiver Type Air receiver size (Gal) Compressor outlet	24 1" N	10 IPT 7/8"	2· 1" ľ 104 í	40 NPT	
Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch	24 1" N 94 7	IPT 7/8" 7/32"	2· 1" ľ 104 1 52 1	40 NPT 3/16"	
Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch	24 1" N 94 7 45 17	10 IPT 7/8" 7/32"	2· 1" I 104 1 52 1 73 1	40 NPT 3/16" 5/32"	
Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch Height – inch Weight – Lbs.	24 1" N 94 7 45 17 72 13	10 IPT 7/8" 7/32"	2· 1" I 104 1 52 1 73 1	40 NPT 3/16" 5/32" 3/32"	
Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch Height – inch	24 1" N 94 7 45 17 72 13	10 IPT 7/8" 7/32"	20 1" I 104 1 52 1 73 1 40	40 NPT 3/16" 5/32" 3/32"	

Remark:

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