

ML10 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)						
Normal working pressure - psi		175				
Capacity at normal working press - cfm	39.8					
Basic Pump						
Model		D97A				
Stage		2				
Lubrication type	Centro-Ring Pressure lubrication					
Valve type	Disc Valve					
RPM (min – max) – rpm	500 - 800					
Outfit RPM	600					
BHP – HP	9.34					
Bore (LP/HP) – inch		6.25" – 3.375"				
Stroke – inch			75"			
Inlet size		1 1/4" NPT				
Discharge size			l" OD			
Sheave OD		17.875"				
Sheave PD			52"			
Number of belts			3			
Belt section			3			
Low oil sight glass			/A			
Oil quantity			ints			
Unloaders and Method			n Head			
Noise level – dB(A)			2			
Motor	3-200V					
Enclosure	IP23	IP23	IP23	IP23		
Insulation Class	F	F	F	F		
Efficiency - %	89.5	91.7	91.7	91.7		
Nominal rated power – HP	10	10	10	10		
Speed of rotation - rpm	1765	1770	1770	1770		
FLA	30.8	25.0	12.5	10.0		
Service factor	1.15	1.15	1.15	1.15		
Locked rotor current – A	218	168	84	67		
Power Factor	78	82	82	82		
Installation condition			<u>L</u>	<u> </u>		
Allowed ambient temperature min - max - °F		32-104				
Compressor dimensions						
Air Receiver Type	Horiz	ontal	Horizontal UP			
Air receiver size (Gal)	12	20	120			
Compressor outlet	3/4"	NPT	3/4" NPT			
Length – inch	7-	4	74			
Width – inch	3	3	36			
Height – inch	5	9	57			
Weight – Lbs.	10	20	1050			
Air Cooled Aftercooler (Option)						
Availability		Y	es			
Air cooled aftercooler CTD - °F			8			
Pomork:			-			

- 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.



ML10 DUPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)						
Normal working pressure - psi		175				
Capacity at normal working press - cfm		79.6				
Basic Pump						
Model		D97A				
Stage			2			
Lubrication type		Centro-Ring Pressure lubrication				
Valve type		Disc Valve				
RPM (min – max) – rpm		500 - 800				
Outfit RPM		600				
BHP – HP		9.34				
Bore (LP/HP) – inch		6.25" – 3.375"				
Stroke – inch		3.75"				
Inlet size		1 1/4" NPT				
Discharge size		1 1/4" OD				
Sheave OD			375"			
Sheave PD			52"			
Number of belts		3				
Belt section			3			
Low oil sight glass		N/A				
Oil quantity			s Each			
Unloaders and Method			n Head			
Noise level – dB(A)		82				
Motor	3-200V					
Enclosure	IP23	IP23	IP23	IP23		
Insulation Class	F	F	F	F		
Efficiency - %	89.5	91.7	91.7	91.7		
Nominal rated power – HP	10	10	10	10		
Speed of rotation - rpm	1765	1770	1770	1770		
FLA	30.8	25.0	12.5	10.0		
Service factor	1.15	1.15	1.15	1.15		
Locked rotor current – A	218	168	84	67		
Power Factor	78	82	82	82		
Installation condition						
Allowed ambient temperature min - max - °F		32-	104			
Compressor dimensions						
Air Receiver Type	Horiz	ontal	Horizo	ntal UP		
Air receiver size (Gal)		200		200		
Compressor outlet	1" N		1" NPT			
Length – inch	8		90			
Width – inch	3:		37			
Height – inch	6		64			
Weight – Lbs.	18			950		
Air Cooled Aftercooler (Option)						
		Yes				
		Y	es			
Availability Air cooled aftercooler CTD - °F			es 8			

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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ML10 BASE MOUNTED

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)						
Normal working pressure - psi		175				
Capacity at normal working press - cfm		39.8				
Basic Pump						
Model		D97A				
Stage		2				
Lubrication type		Centro-Ring Pressure lubrication				
Valve type	Disc Valve					
RPM (min – max) – rpm	500 - 800					
Outfit RPM		600				
BHP – HP		9.34				
Bore (LP/HP) – inch		6.25" – 3.375"				
Stroke – inch		3.7				
Inlet size		1 1/4" NPT				
Discharge size		1 1/4" OD				
Sheave OD		17.875"				
Sheave PD		17.52"				
Number of belts		3				
Belt section		Е				
Low oil sight glass		N/A				
Oil quantity		5 Pints				
Unloaders and Method		Suction Head				
Noise level – dB(A)		82				
Motor	3-200V	3-230V	3-460	3-575V		
Enclosure	IP23	IP23	IP23	IP23		
Insulation Class	F	F	F	F		
Efficiency - %	89.5	91.7	91.7	91.7		
Nominal rated power – HP	10	10	10	10		
Speed of rotation - rpm	1765	1770	1770	1770		
FLA	30.8	25.0	12.5	10.0		
Service factor	1.15	1.15	1.15	1.15		
Locked rotor current – A	218	168	84	67		
Locked rotor current – A Power Factor	218 78	168 82	84 82	67 82		
Power Factor			82			
Power Factor Installation condition		82	82			
Power Factor Installation condition Allowed ambient temperature min - max - °F		82	82			
Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions		82 32-	82 104 ounted			
Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type		82 32- ² Base M	82 104 ounted A			
Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal)		82 32-2 Base M	82 104 ounted A IPT			
Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet		82 32-2 Base M N/ 1" N	82 104 ounted A IPT			
Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch		82 32- ² Base M N/ 1" N	82 104 ounted A IPT 5			
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		82 32- ² Base M N/ 1" N 33 3	82 104 ounted A IPT 5 1			
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.		82 32-7 Base M N/ 1" N 33 33 33	82 104 ounted A IPT 5 1			
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		82 32-7 Base M N/ 1" N 33 33 33	82 0unted A IPT 5 1 4			

Remark:

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