

ML15+ SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	55.8		48.4	
Basic Pump				
Model	C89A			
Stage	2			
Lubrication type	Centro-Ring Pressure Lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	600 - 900			
Outfit RPM (175PSI)	800			
BHP – HP (175PSI)	16.34			
Bore (LP/HP) – inch	7" – 3.375"			
Stroke – inch	3.75"			
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	B			
Low oil sight glass	Dip Stick			
Oil quantity	5 pints			
Unloaders and Method	Suction Head			
Noise level – dB(A)	85			
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	15	15	15	15
Speed of rotation - rpm	1760	1765	1765	1765
FLA	43	35.4	17.7	14.1
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	290	224	112	89
Power Factor	83	86	86	86
Installation condition				
Allowed ambient temperature min - max - °F	32-104			
Compressor dimensions				
Air Receiver Type	Horizontal		Horizontal UP	
Air receiver size (Gal)	120		120	
Compressor outlet	3/4" NPT		3/4" NPT	
Length – inch	74		74	
Width – inch	33		36	
Height – inch	57		57	
Weight – Lbs.	1150		1250	
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.

ML15+ DUPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	111.6		96.8	
Basic Pump				
Model	C89A			
Stage	2			
Lubrication type	Centro-Ring Pressure Lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	600 - 900			
Outfit RPM (175PSI)	800			
BHP – HP (175PSI)	16.34			
Bore (LP/HP) – inch	7" – 3.375"			
Stroke – inch	3.75"			
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	B			
Low oil sight glass	Dip Stick			
Oil quantity	5 pints			
Unloaders and Method	Suction Head			
Noise level – dB(A)	85			
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	15	15	15	15
Speed of rotation - rpm	1760	1765	1765	1765
FLA	43	35.4	17.7	14.1
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	290	224	112	89
Power Factor	83	86	86	86
Installation condition				
Allowed ambient temperature min - max - °F	32-104			
Compressor dimensions				
Air Receiver Type	Horizontal		Horizontal UP	
Air receiver size (Gal)	200		200	
Compressor outlet	1" NPT		1" NPT	
Length – inch	88		89	
Width – inch	36		40	
Height – inch	64		64	
Weight – Lbs.	2000		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).
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ML15+ BASE MOUNTED

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)				
Normal working pressure - psi	175		250	
Capacity at normal working press - cfm	55.8		48.4	
Basic Pump				
Model	C89A			
Stage	2			
Lubrication type	Centro-Ring Pressure Lube			
Valve type	Disc Valve			
RPM (min – max) – rpm	600 - 900			
Outfit RPM (175PSI)	800			
BHP – HP (175PSI)	16.34			
Bore (LP/HP) – inch	7" – 3.375"			
Stroke – inch	3.75"			
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	B			
Low oil sight glass	Dip Stick			
Oil quantity	5 pints			
Unloaders and Method	Suction Head			
Noise level – dB(A)	85			
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	15	15	15	15
Speed of rotation - rpm	1760	1765	1765	1765
FLA	43	35.4	17.7	14.1
Service Factor	1.15	1.15	1.15	1.15
Locked rotor current – A	290	224	112	89
Power Factor	83	86	86	86
Installation condition				
Allowed ambient temperature min - max - °F	32-104			
Compressor dimensions				
Air Receiver Type	Base Mounted			
Air receiver size (Gal)	N/A			
Compressor outlet	1" NPT			
Length – inch	46			
Width – inch	37			
Height – inch	35			
Weight – Lbs.	775			
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.