

NEW SILVER 15/300 HP - 10 bar 400/50/3



General Data

Nominal working pressure	bar	10
Nominal working pressure	psi	145
Rated power	kW	11
Rated power	Hp	15
Maximum working Pressure	bar	10
Maximum working Pressure	psi	145
Max ambient temperature	°C	45
Min ambient temperature	°C	5

Main Motor

STAR/DELTA Start up		•
Standup Power supply	V/Hz/ph	400/50/3
Nominal Motor Power	kW	11
Nominal Motor Power	Hp	15
N°Poles	n°	2
Max Motor Speed	rpm	2950
Power factor (at full load)	cos phi	0,94
Efficiency	%	IE3
IEC		M132
Protection/Insulation Class	class	IP54/F
Form factor		B3
Service factor		S1

Cooling System

Max Capacity	m3/h	2600
Min Back Pressure	Pa	210
Motor Power	kW	0,2
N°poles	n°	2
Protection/Insulation Class	class	IP54/F
Outlet Cooling air	AxB mm	520x306

Lubrication

**NEW SILVER 15/300 HP - 10 bar 400/50/3****Lubrication**

Oil Quantity	l	5
Type Oil		FIAC RSD46
Residual Oil	ppm	2,04

Dimension and weight

Lenght	mm	1460
Widht	mm	630
Height	mm	1300
Weight	kg	325
Outlet Air Diameter	BSP	3/4 inch
Footprint	m2	0,92

Working Data

F.A.D. (according ISO 1217 standard) Max	m3/min	1,43
F.A.D. (according ISO 1217 standard) Max	m3/h	85,8
F.A.D. (according ISO 1217 standard) Max	CFM	51
Total power at full load	kW	11,1
Total current at full load	A	17,9
Specific power absorption	kW/m3/min	7,76
Full load motor power	kW	11
Total power at no load	kW	3,7
Max rotor speed	rpm	4670
Noise level at 4 mt.	dB(A)	65

Air receiver

Volume	L	300
Max Pressure	bar	11

Reference conditions

Suction pressure	bar(a)	1
Air Inlet Temperature	°C	20
Intake Air Humidity	%	50