

## GSV-100

460V 60Hz	100psi	125psi	150psi
<b>Capacity and power: ISO-1217(1996 annex #C)</b>			
Normal working pressure - psi	100	125	150
Capacity at normal working press. – min – max - cfm	98-474	98-430	98-380
Airend - rpm	3335	3155	2945
<b>Air quality</b>			
Oil content ≤ PPM		3	
Aftercooler CTD. - °F		20	
<b>Cooling: Air cooled compressors</b>			
Cooling air flow – cfm		8265	
Cooling air pressure drop – Pa [inH2O]		110[0.44]	
Cooling air temperature rise - °F		68	
<b>Motor and electrical values</b>			
Main motor: F-class, IP		55	
Main motor: Efficiency - %		95.4	
Main motor: Nominal rated power – HP		100	
Main motor: Speed of rotation - rpm		3575	
Main motor: FLA		168	
Main motor: Locked rotor current - A		1180	
Main motor: Power Factor		0.86	
Fan motor: Power – HP		3.4	
Fan motor: Speed of rotation - rpm		1100	
Fan motor: FLA		5.6	
Control voltage - V		120/24	
<b>General technical data</b>			
Oil quantity – gal		9.3	
Alarm high discharge temperature - °F		221	
Trip high discharge temperature - °F		230	
<b>Noise levels: dB(A)</b>			
Noise level with enclosure		75	
<b>Installation condition</b>			
Allowed ambient temperature min - max - °F		32-104	
Relative humidity - %		0 – 95	
<b>Compressor dimensions</b>			
Length – inch		93.9	
Width – inch		47.6	
Height – inch		72.6	
Weight without built-in dryer – lb		4000	

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 FSCURTIS, design and specifications are subject to change without notice.