

GENERAL INFORMATION	
Model	JSD/GF150-0.5A
Product Longevity	Semi-permanent design lifespan
Bearing Type	Air foil bearing
Impeller	Single-stage
L*W*H	2,200*1,150*1,680mm
Weight	1,330kg
Outlet	DN300
Installation	Indoor
Occupied Area	2.53m <sup>2</sup>
Driving Method	VFD
Control Logic	VVVF
Direction of Rotation	Clockwise (face to Impeller side)
MATERIAL SPECIFICATION	
Enclosure	Powder-coated sheet metal
Volute	Aluminum alloy ZAl108
Impeller	Aviation aluminum alloy Al7075
Shaft	Titanium alloy
PERFORMANCE CHARACTERISTICS	
Allowable Temperature & Humidity	45°C & 90%RH
Shaft Power	114kW
Rated Air Flow	115m <sup>3</sup> /min
Discharge Pressure	50kPa
Turndown	45% ~ 100%
Overall Efficiency	≤72%
Noise Level	≤80 dB(A)

PM MOTOR	
Motor Model	ZCJSD-GSDJ150
Manufacture	In-house design & production
Cooling	Air cooling
Efficiency Class	IE5, 95%
IP Rating	IP55
Insulation Grade	Grade H
Rated Output	124kW
Maximum Speed	25,000rpm
Rated Voltage	AC 380V
Rated Frequency	417Hz
Rated Current	200A