

Oil-Free Scroll Air Compressor	DATE	13-0311-
	CUSTOMER	
	MODEL No.	SLPS-37B-S1
1. BASIC COMP.		
Air end	SL-165E x 1 unit	
Compressed fluid	Atmosphere (air)	
Compressed method	Oil free scroll	
Cooling method	Air cooled	
Operation control	Multi stage control Automatic start-stop [Pressure sensor detect]	
Installation requirements	In door	
Suction requirements	Atmospheric pressure , 0~40℃	
Control pressure	0.65 ~ 0.8 MPa	
Free air delivery ※1	420 L/min	
Air end rotation speed	3,150 min ⁻¹	
Driving method	V-Belt Driven	
Discharge air outlet	Rc 3/8	
Air Receiver	None	
Discharge outlet temperature	Suction air temperature less than +30℃	
Noise level (1.5m from the front) ※2	49 dB(A)	
Ground vibration ※3 dB	Lower than 45	
Panel vibration (half amplitude) μm	Lower than 100	
2. MOTOR		
Type of motor	F Class insulation 4 pole	
Output power	3.7 kW	
Electric source	Three phase AC 220, 380, 440V / 60Hz	
Rated current (60Hz)	220V : 8.4A 380V : 4.9A 440V : 4.2A	
Starter method	Magnetic contactor direct start	
3. PROTECTION		
Over current stop	Thermal Relay (OCR)	
Air end over heat stop	Advance alarm	
4. OTHERS		
Dimension (L x W x H) ※5	534 x 686 x 711 mm	
Approx. weight	116 kg	
External control signal input contact	Operation circuit 220V	
Malfunction·Alarm signal Output contact	Non current "a" contact point	
Accessories	Instruction manual , Base cover x 2	

REMARK

- ※1. Air delivery is discharged air volume at 0.8MPa converted into atmospheric pressure.
- ※2. Noise level is measured at an anechoic room under loading operation.
- ※3. The ground vibration is measured at the distance of 10cm from the front.
(The vibration value varies subject to ground situation.)
The data is for reference when it is commissioned on a concrete floor.
- ※4. The dimension is outer size excluding ball valve.