

Oil-Free Scroll Air Compressor	DATE	13-0123-
	CUSTOMER	
	MODEL No.	SLPS-37B
<b>1. BASIC COMP.</b>		
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	35 L	
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	
<b>2. MOTOR</b>		
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 : 13.4A    380V : 8.0A    440V : 6.7A	
Starter method	Magnetic contactor direct start	
<b>3. PROTECTION</b>		
Over current stop	Thermal Relay (OCR)	
Air end over heat stop	Advance alarm	
<b>4. OTHERS</b>		
Dimension (L x W x H) ※5	545 x 665 x 1,065 mm	
Approx. weight	145 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	
<b>REMARK</b>		
<p>※1. Air delivery is discharged air volume at 0.8MPa converted into atmospheric pressure.</p> <p>※2. Noise level is measured at an anechoic room under loading operation.</p> <p>※3. The ground vibration is measured at the distance of 10cm from the front. (The vibration value varies subject to ground situation.)</p> <p>※4. The dimension is outer size excluding ball valve.</p>		