

COMTEK COMPRESSORS IN SILENT CONFIGURATION



Single stage direct driven electric air compressors with single and three phase electric motors.

Steel tank painted with epoxy polyester powder and endowed with rubber wheels and transport handles.

Start-stop automatic system run by pressure switch.

Maximum pressure gauge and security valve.

Pressure reducer with gauge and universal quick coupling.

No return valve provided with draining tube.

Drain cock.

The silent box is endowed with a special acoustic insulating material which reduces the noise level to **68 dB-A**. The maximum temperature of the compressor inside the box is inferior to the working temperature of the former without the box. This is due to an extremely efficient ventilation system which cools the parts. A front inspection door facilitates maintenance.

NEW ROTAL TECHNOLOGY
PATENTED



LOW VIBRATION



HEAVY DUTY SERVICE



HIGHER VOLUMETRIC OUTPUT



LONG LIFE



LOW OIL CONSUMPTION
min. 1000 h without refilling



ENERGY EFFICIENCY
Higher FAD with less energy input.



LARGE FAN



LOW MAINTENANCE



EASY STARTING
Rotating system requiring less start energy.



ROBUSTNESS



LOW RUNNING COSTS



FORCED LUBRICATION
Can perform in a strongly inclined position.

Construction features

Compressor groups with IP 55

4 pole C1 electric motors. S1 continuous service. IP 55, B34 form

Single phase motor completed with protection with manual resetting

Forced lubrication with patented oil piston pump

Grey cast-iron cylinders

Valve plates with steel lamellar valves

Electric motor and crankshaft - one piece only; spheroid graphite cast-iron fully tempered.

Gear pair in special sintered steel

Large heavy duty ball bearings

Special Teflon bush bearing to reduce friction

After coolers in aluminum are assembled around the fan.

Metallic air filters with internal 10 micro paper cartridge

Silent series



Type	Code	Tank	Volt./Freq.		Power		RPM	Cylinders	Inlet air		E.A.D.		Max pressure		Noise	L x D x H	Weight
			V-Hz	Kw	HP	n/min			n°	l/min	cfm	l/min	cfm	bar			
LUBRICATED COMPRESSORS SINGLE-PHASE																	
SILENT 200-B50-3.0M9	8SLAE200103	200	230 / 50	2,2	3	1400	2	362	12,7	270	9,5	9	130	68	143x47x130	110 kg	
SILENT 200-B55-3.5M9	8SLAF200103	200	230 / 50	2,6	3,5	1400	2	439	15,4	325	11,5	9	130	68	143x47x130	110 kg	
SILENT 270-B50-3.0M9	8SLAE270103	270	230 / 50	2,2	3	1400	2	362	12,7	270	9,5	9	130	68	150x47x130	125 kg	
SILENT 270-B55-3.5M9	8SLAF270103	270	230 / 50	2,6	3,5	1400	2	439	15,4	325	11,5	9	130	69	150x47x130	125 kg	
LUBRICATED COMPRESSORS THREE-PHASE																	
SILENT 200-B50-3.0T10	8SLAE200611	200	400 / 50	2,2	3	1420	2	367	12,9	280	9,9	10	145	68	143x47x130	110 kg	
SILENT 200-B55-4.0T10	8SLAF200611	200	400 / 50	3	4	1420	2	445	15,7	335	11,8	10	145	68	143x47x130	110 kg	
SILENT 270-B50-3.0T10	8SLAE270611	270	400 / 50	2,2	3	1420	2	367	12,9	280	9,9	10	145	68	150x47x130	125 kg	
SILENT 270-B55-4.0T10	8SLAF270611	270	400 / 50	3	4	1420	2	445	15,7	335	11,8	10	145	69	150x47x130	125 kg	
SILENT 270-B62-5.0T10	8SLAG270611	270	400 / 50	3,8	5	1420	2	565	19,9	420	14,8	10	145	70	150x47x130	125 kg	

(Other configuration available on request. Please contact COMTEK)

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