

## 10. Small Size Energy Saving Range SCR-PM2 Screw Compressor

### SCR010PM2 (7.5kw) – SCR020PM2 (15kw)

#### Low energy power package

Featuring the latest oil cooled IP65 permanent magnet motor with increased efficiency over an IE4 motor. The motor has a high temperature threshold of 180 degrees to ensure no motor demagnetization occurs. The PM motor has a wide operating band making it one of the most efficient machines on the market.

#### Ultra-quiet

The oil cooled PM range of machines have a low operating noise of  $\pm 68$ dB

#### Constant Pressure

Vent to achieve constant pressure state, reflect the true sense of energy-saving

#### Easy to maintain

A simple flip top design means that all components are easily accessible for maintenance.

#### Features at a Glance

- High efficiency Air End
- Designed for high ambient temperatures
- Synthetic Coolant
- Special Dual Housing Oil Cooled Motor
- Vector Control Technology
- Siemens switchgear
- Leak proof rigid steel oil piping
- IP65 Permanent Magnet Oil Cooled Motor
- Integrated 130 liter ASME Certified Air/Separator Tank
- Two (2) year warranty



### SCR-PM2 RANGE TECHNICAL DATA

Type	Power	Work Pressure	Rated air displacement		Tank size	Noise dB (A) $\pm 3$	Air outlet pipe diameter	Drive mode	Cooling Method	Oil volume / Synthetic Oil	Main motor		Machine size: L x W x H mm	Machine weight: kg
	KW/HP	BAR	M <sup>3</sup> /min	CFM	Liter						Rated motor :AMPS	Protection Level		
SCR010PM2	7.5 / 10	7	1.15	40	130	$\leq 67 \pm 3$	1/2"	Direct Drive	Oil Cooling	10 L	$\pm 20$ A	IP65	1197 500 1125	280
		8	1	38										
		10	0.95	33										
SCR015PM2	11 / 15	7	1.75	61	130	$\leq 68 \pm 3$	3/4"	Direct Drive	Oil Cooling	10 L	$\pm 25$ A	IP65	1197 605 1220	320
		8	1.7	60										
		10	1.5	52										
SCR020PM2	15 / 20	7	2.4	84	130	$\leq 69 \pm 3$	3/4"	Direct Drive	Oil Cooling	10 L	$\pm 35$ A	IP65	1197 605 1220	340
		8	2.3	81										
		10	2	70										

Please note: Slow curve breaker sizes must be determined by a qualified electrician. Rule of thumb is 2 - 2.2 times the kW rating for the unit.