

SCR COMPRESSOR

Belt Driven Series M Series



High Efficiency Airend

The SCR asymmetric rotor profile allows for a broader sealing band between rotors compared to the conventional narrow line style seal in most other air ends and increases efficiency by between 5 - 10%.

The use of large rotor diameters allow for high efficiency at low rotational speeds and provide tangible benefits of extended longevity and low noise.

Oversized dual, back-to-back taper roller bearings effectively retain the rotor position during all load, unload and starting conditions.

Triple lip shaft sealing, combined with an oil recovery system is employed to achieve a leak free design that is immune to dust ingress and oil or air loss.



通用机械节能认证
GENERAL MACHINERY ENERGY SAVING CERTIFICATION

German engineered transmission belts

Opti Brand industrial belts, sourced from Germany are reinforced with Kevlar for reduced maintenance and transmission efficiencies up to 98%.



Designed for safety

SCR machines have mandatory guards, earth grounding straps and sound attenuating cabinets which comply with CE, UL and other safety standards.



Technical Specification

Model	KW	HP	Capacity(m3/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR5.5M - 7	4	5.5	0.58	7	935*629*721	200	Rc 1/2
SCR5.5M - 8			0.55	8			
SCR7.5M - 7	5.5	7.5	0.65	7	900*680*970	250	Rc 1/2
SCR7.5M - 8			0.8	8			
SCR7.5M - 10			0.7	10			
SCR7.5M - 12.5			0.6	12.5			
SCR10M - 7	7.5	10	1.1	7	900*680*970	250	Rc 1/2
SCR10M - 8			1	8			
SCR10M - 10			0.9	10			
SCR10M - 12.5			0.8	12.5			
SCR15M - 7	11	15	1.7	7	800*950*1130	380	Rc 3/4
SCR15M - 8			1.6	8			
SCR15M - 10			1.4	10			
SCR15M - 12.5			1.2	12.5			
SCR20M - 7	15	20	2.4	7	800*950*1130	420	Rc 3/4
SCR20M - 8			2.3	8			
SCR20M - 10			2	10			
SCR20M - 12.5			1.8	12.5			
SCR25M - 7	18.5	25	3.4	7	900*1150*1350	560	Rc1
SCR25M - 8			3	8			
SCR25M - 10			2.6	10			
SCR25M - 12.5			2.3	12.5			
SCR30M - 7	22	30	3.8	7	900*1150*1350	580	Rc1
SCR30M - 8			3.5	8			
SCR30M - 10			3.3	10			
SCR30M - 12.5			2.9	12.5			
SCR40M - 7	30	40	5.1	7	900*1150*1350	640	Rc1
SCR40M - 8			5	8			
SCR40M - 10			4.2	10			
SCR40M - 12.5			3.7	12.5			
SCR50M - 7	37	50	6.5	7	1000*1300*1470	800	Rc1 1/2
SCR50M - 8			6.3	8			
SCR50M - 10			5.8	10			
SCR50M - 12.5			5.3	12.5			
SCR60M - 7	45	60	8.1	7	1000*1300*1470	920	Rc1 1/2
SCR60M - 8			8	8			
SCR60M - 10			6.8	10			
SCR60M - 12.5			6	12.5			
SCR75M - 7	55	75	10.4	7	1600*1350*1700	1540	Rc2
SCR75M - 8			10	8			
SCR75M - 10			8.5	10			
SCR75M - 12.5			7.6	12.5			
SCR100M - 7	75	100	13.8	7	1600*1350*1700	1650	Rc2
SCR100M - 8			13.3	8			
SCR100M - 10			11.7	10			
SCR100M - 12.5			10	12.5			

Note: Alpine/high altitude, high temperature, high humidity, high dust loads or other adverse working conditions will require specialised custom designs. These are available on special request. We reserve the right to make changes and improvements to the design and appearance. Specifications may change without prior notice.