



RICHTECH

Screw Air Compressor

COMPRESSOR TECHNOLOGY FROM GERMANY



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RC10

HIGH-PERFORMANCE CONFIGURATION



Intelligent controller

The intelligent controller supervises the operation of the air compressor in real time. Its function of automatic warning protection solves the problems of short circuit, default phase, overload and so on. If an abnormal situation happened, it will alarm and shut down automatically to protect the machine.



Cooler

The new design of huge volume of cooler and margin of 35% prevents machine from carbon deposit caused by high temperature of compressor under high temperature situation.



Electric components

Electric components are from world-famous brands Schneider and Siemens, which adopt silver contact to ensure operating for more than 3 million times and long-term use.





Screw host

The screw host is from a famous European brand and works as strong heart, which determines the excellent performance of machine.



Main motor

We adopt high-performance triphase motor with protection grade of IP54, F-class insulation and SKF heavy-duty bearing. The transmission efficiency is up to 95%.



Air/Oil separator

We adopt huge-size air/oil separator. After three-time efficient filtration, the oil content of discharge is reduced under 3 ppm, and the pressure loss is only 0.02Mpa. With the reduction of oil mist, the operation cost is lower down.



Inlet valve

Design without wearing parts keeps adjusting range between 0-100%. At presence, it is the most reliable and effective adjusting method of air inlet.



FLEX-MOUNTED PRECISION TUBE

TO protect the pipelines from leaking and reduce the loss of oil pipeline pressure.



TECHNICAL DATA

Model	Free Air Deliver m ³ /min	Discharge Pressure BAR	Noise dB (A)	Motor	Dimension			Weight KG	Air Outlet Pipe Diameter Inch
				Power KW/HP	L mm	W mm	H mm		
RC 10	1.20	7	62	7.5/10	890	630	920	240	3/4
	1.10	8							
	0.95	10							
	0.80	12							
RC 15	1.65	7	63	11/15	826	796	1060	420	1
	1.53	8							
	1.32	10							
	1.10	12							
RC 20	2.25	7	63	15/20	846	826	1080	440	1
	2.03	8							
	1.82	10							
	1.55	12							
RC 25	3.22	7	63	18.5/25	1350	900	1200	820	1-1/4
	3.01	8							
	2.52	10							
	2.30	12							
RC 30	3.60	7	63	22/30	1350	900	1200	860	1-1/4
	3.56	8							
	3.07	10							
	2.84	12							
RC 40	5.20	7	63	30/40	1350	900	1200	1060	1-1/4
	5.06	8							
	4.53	10							
	3.90	12							
RC 50	6.58	7	63	37/50	1500	1100	1350	1160	1-1/2
	6.26	8							
	5.80	10							
	5.06	12							
RC 60	7.36	7	64	46/60	1500	1000	1350	1300	1-1/2
	7.10	8							
	6.47	10							
	5.80	12							
RC 75	10.8	7	65	55/75	2000	1300	1600	1800	2
	10.1	8							
	8.50	10							
	7.69	12							
RC 100	13.5	7	68	75/100	2000	1300	1600	2020	2
	12.7	8							
	11.3	10							
	10.0	12							
RC 120	16.2	7	68	90/125	2329	1516	1745	2200	DN65
	15.2	8							
	14.3	10							
	12.9	12							
RC 150	21.6	7	68	110/150	2578	1656	1920	2950	DN65
	20.1	8							
	17.5	10							
	16.0	12							
RC 175	25.2	7	72	132/175	2578	1656	1920	3550	DN65
	24.0	8							
	21.0	10							
	18.3	12							
RC 200	28.7	7	72	160/210	2865	1898	1895	3880	DN80
	27.6	8							
	25.3	10							
	22.4	12							
RC 250	32.5	7	72	185/250	2865	1898	1895	4050	DN80
	30.8	8							
	28.2	10							
	25.1	12							
RC 300	36.8	7	76	220/300	3092	1944	2143	4700	DN80
	34.7	8							
	30.8	10							
	28.9	12							
RC 350	42.7	7	76	250/334	3092	1944	2143	5100	DN80
	40.8	8							
	38.9	10							
	34.9	12							

Address inquiries to :