

Sauer control- and working-air compressors up to 10 bar

Technical data

Screw type compressor V-belt driven				Technical data for a final pressure of 8 barg			Dimensions			
Type	Version	Final pressure max. barg	Motor speed rpm	Charging* capacity m ³ /h	Power consumption kW	Heat dissipation kJ/sec	Weight kg	Length mm	Width mm	Height mm
SC 26	50 Hz	10	2,930	148	16.0	17.6	450	1,270	795	1,070
	60 Hz		3,530	177	19.2	21.1				
SC 42	50 Hz	10	2,960	234	28.6	31.5	580	1,270	795	1,170
	60 Hz		3,550	280	34.3	37.8				
SC 52	50 Hz	10	2,980	278	33.4	36.7	595	1,270	795	1,170
	60 Hz		3,555	334	40.0	44.0				

Piston compressor					Technical Data for a final pressure of 8 barg			Dimensions			
Type	Final pressure max. barg	Stages	Cylinder	Speed rpm	Charging capacity m ³ /h	Power consumption kW	Heat dissipation kJ/sec	Weight kg	Length mm	Width mm	Height mm
Mistral WP 146L air-cooled	10	2	2	1,170	116	17	19	850	1,420	870	880
				1,470	150	21	23	850			
				1,770	175	25	28	850			
Mistral WP 226L air-cooled	10	2	2	1,170	220	30	33	880	1,735	1,030	1,020
				1,470	280	36	40	880			
				1,770	330	42	46	880			
Typhoon WP 200 water-cooled	15	2	2	1,170	144	23	30**	770	1,500	1,000	890
				1,470	177	28	37**	800			
				1,770	214	34	45**	800			

Performance data with 5% tolerance, referred to 20° C and an air pressure of 1,013 mbar. Capacity of screw-type compressors according to DIN-ISO 1945. Weights and dimensions for standard units with three-phase A. C. motor, IP 54, and flexible mounting. Water-cooled screw-type compressors upon request.

* Larger capacity up to 2,000 m³/h or capacity for other final pressures upon request. | ** Cooling water demand for delta Δ t = 10 °C