

Screw compressor S 31-2 to S 341



Effective free air delivery: 2.67 – 40.8 m³/min, 94 – 1441 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 22 – 250 kW, 30 – 340 HP



VALVE-LESS OIL CIRCUIT

The BOGE screw compressor is designed with a valve-less oil circuit eliminating the need for oil stop or check valves. This function provides maximum operating safety.



DECOUPLED UNIT

A sub-frame mounted on vibration damping feet prevents transmission of structure borne sound. A rigid basic frame allows easy transportation by lift truck or stacker truck.



EFFICIENCY

The specially designed BOGE air end provides high output volumes at low energy consumption – for reliable and energy efficient compressed air supply.



CONTROL

The BOGE FOCUS control is the standard compressor control and provides numerous control and monitoring features.

BOGE Model	Max. pressure		Effective free air delivery*		Motor power				Dimensions ¹⁾	Dimensions ²⁾	Compressed air outlet	Weight silenced kg	Weight super-silenced kg
	bar	psig	m³/min	cfm	Main drive motor		Fan motor		W x D x H mm	W x D x H mm			
					kW	HP	kW	HP					
S 31-2	8	115	3.88	137	22	30	0.55	0.75	1620x 960x1450	1620x 960x1950	G 1 1/4	740	770
S 31-2	10	150	3.30	117	22	30	0.55	0.75	1620x 960x1450	1620x 960x1950	G 1 1/4	740	770
S 31-2	13	190	2.67	94	22	30	0.55	0.75	1620x 960x1450	1620x 960x1950	G 1 1/4	740	770
S 40-2	8	115	5.17	183	30	40	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	740	770
S 40-2	10	150	4.63	164	30	40	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	740	770
S 40-2	13	190	3.82	135	30	40	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	740	770
S 50-2	8	115	6.35	225	37	50	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	760	790
S 50-2	10	150	5.78	204	37	50	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	760	790
S 50-2	13	190	4.95	175	37	50	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	760	790
S 60-2	8	115	7.00	247	45	60	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	840	870
S 60-2	10	150	6.34	224	45	60	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	840	870
S 60-2	13	190	5.36	190	45	60	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1 1/4	840	870
S 61-2	8	115	7.70	272	45	60	1.50	2.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1100	1150
S 61-2	10	150	6.92	244	45	60	1.50	2.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1100	1150
S 61-2	13	190	5.87	207	45	60	1.50	2.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1100	1150
S 75-2	8	115	9.33	329	55	75	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1180	1230
S 75-2	10	150	8.30	293	55	75	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1180	1230
S 75-2	13	190	7.11	251	55	75	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1180	1230
S 90-2	8	115	10.80	381	65	90	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1250	1300
S 90-2	10	150	9.65	341	65	90	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1250	1300
S 90-2	13	190	8.45	298	65	90	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1250	1300
S 100-2	8	115	12.10	428	75	100	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1140	1190
S 100-2	10	150	10.50	371	75	100	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1140	1190
S 100-2	13	190	9.20	325	75	100	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1 1/2	1140	1190
S 101	8	115	13.10	465	75	100	2.20	3.00	2365x1335x1750	2365x1335x2250	G 2 1/2	1960	2020
S 101	10	150	11.40	405	75	100	2.20	3.00	2365x1335x1750	2365x1335x2250	G 2 1/2	1960	2020
S 101	13	190	9.80	350	75	100	2.20	3.00	2365x1335x1750	2365x1335x2250	G 2 1/2	1960	2020
S 125	8	115	15.70	555	90	125	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2 1/2	1980	2040
S 125	10	150	13.70	485	90	125	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2 1/2	1980	2040
S 125	13	190	12.00	425	90	125	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2 1/2	1980	2040
S 150	8	115	18.40	650	110	150	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2 1/2	2040	2100
S 150	10	150	16.30	575	110	150	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2 1/2	2040	2100
S 150	13	190	14.20	505	110	150	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2 1/2	2040	2100
S 151	8	115	19.40	685	110	150	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3100	3200
S 151	10	150	17.00	600	110	150	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3100	3200
S 151	13	190	14.40	508	110	150	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3100	3200
S 180	8	115	23.30	825	132	180	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 180	10	150	20.80	735	132	180	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 180	13	190	17.80	630	132	180	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 220	8	115	27.90	990	160	220	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 220	10	150	25.10	890	160	220	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 220	13	190	21.70	770	160	220	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 271	8	115	34.70	1225	200	270	5.50	7.50	3100x1910x2145	3500x1910x2645	DN 100	4500	4600
S 271	10	150	30.50	1077	200	270	5.50	7.50	3100x1910x2145	3500x1910x2645	DN 100	4500	4600
S 271	13	190	24.70	872	200	270	5.50	7.50	3100x1910x2145	3500x1910x2645	DN 100	4500	4600
S 341	8	115	40.80	1441	250	340	7.50	10.00	3100x1910x2145	3500x1910x2645	DN 100	5000	5100
S 341	10	150	37.10	1310	250	340	7.50	10.00	3100x1910x2145	3500x1910x2645	DN 100	5000	5100
S 341	13	190	31.70	1119	250	340	7.50	10.00	3100x1910x2145	3500x1910x2645	DN 100	5000	5100

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20°C ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 66 dB(A)

¹⁾ Super-silenced at the intake end

²⁾ Super-silenced at the intake end and discharge end