

SIGMA Series

Oil Injected Screw Compressors

Capacity 1 up to 50 M³/min
 Motor power 7.5 Up to 315 KW
 Pressure 7 up to 13 Bar



Technical data

MODEL	Capacity(m ³ /min)			Motor Power		Dimension(mm)			Pipe size	Noise level	Weight (kg)
	7 Bar g	10Bar g	13 Bar g	kw	Hp	L	W	H			
SIGMA 8	1.1	1	0.7	7.5	10	900	900	1000	3/4 "	64	150
SIGMA 11	1.7	1.4	1.1	11	15	900	900	1000	3/4 "	66	210
SIGMA 15	2.3	2	1.5	15	20	900	900	1000	3/4 "	68	330
SIGMA 19	2.9	2.4	2	18.5	25	1400	1100	1200	3/4 "	68	400
SIGMA 20	3.6	3.2	2.6	22	30	1400	1100	1200	1 "	70	550
SIGMA 30	5	4.4	3.8	30	40	1500	1300	1250	1 1/2 "	72	780
SIGMA 37	6.4	5.5	4.8	37	50	1500	1300	1250	1 1/2 "	72	880
SIGMA 45	8	6.4	5.5	45	60	1800	1300	1430	1 1/2 "	72	980
SIGMA 55	10	8	6.8	55	75	1800	1300	1430	2 "	74	1020
SIGMA 75	12.6	9.5	7.2	75	100	1800	1300	1430	2 "	74	1150
SIGMA 90	16.4	13.2	11.5	90	125	2400	1800	1600	2 1/2 "	74	1620
SIGMA 110	19.8	16.5	13.8	110	150	2400	1800	1600	2 1/2 "	76	1730
SIGMA 132	24	20.6	17	132	180	2600	1800	1600	3 "	76	1930
SIGMA 160	28	23.4	20	160	220	2600	1800	1600	3 "	78	2110
SIGMA 200	36	32	27.5	200	270	3000	2400	2000	4 "	78	4150
SIGMA 250	45	38	33.5	250	340	3000	2400	4750	4 "	80	4750
SIGMA 315	52	44	40	315	430	3000	2400	2000	4 "	80	5440

Unit performance measured according to ISO 1217 Ed3 Annex_1996

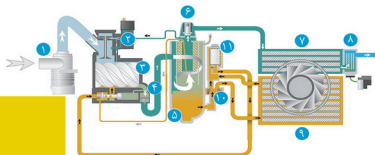
Reference conditions

Absolute inlet pressure: 1 bar

Intake air temperature: 20 °c

نحوه ی تارکرد کمپرسور اسکرو روغنی

- هوای ورودی
- روغن
- هوای فشرده



- 1 فیلتر ورودی
- 2 دریچه مکش ورودی
- 3 واحد هواساز
- 4 شیر یک طرفه
- 5 تانک روغن
- 6 شرایط حداقل فشار
- 7 کولر هوا
- 8 تله ابگیر
- 9 کولر روغن
- 10 شیر ترموستاتیک روغن
- 11 فیلتر روغن

Compact Unit Series Oil Injected Screw Compressors

Capacity : 0.6 up to 11.5 (m³/min)

Motor power : 5.5 Up to 75 KW

pressure : 7 up to 13 bar

Technical data

MODEL	Capacity(m ³ /min)			Motor Power		Dimension(mm)			Pipe size	Noise level	Weight (kg)
	7 Bar g	10Bar g	13 Bar g	kw	Hp	L	W	H			
COMPACT 8	1.1	1	0.7	7.5	10	900	900	1000	3/4 "	64	150
COMPACT 11	1.7	1.4	1.1	11	15	900	900	1000	3/4 "	66	210
COMPACT 15	2.3	2	1.5	15	20	900	900	1000	3/4 "	68	330
COMPACT 19	2.9	2.4	2	18.5	25	1400	1100	1200	3/4 "	68	400
COMPACT 22	3.6	3.2	2.6	22	30	1400	1100	1200	1 "	70	550
COMPACT 30	5	4.4	3.8	30	40	1500	1300	1250	1 1/2 "	72	780
COMPACT 37	6.4	5.5	4.8	37	50	1500	1300	1250	1 1/2 "	72	880
COMPACT 45	8	6.4	5.5	45	60	1800	1300	1430	1 1/2 "	72	980
COMPACT 55	10	8	6.8	55	75	1800	1300	1430	2 "	74	1020
COMPACT 75	12.6	9.5	7.2	75	100	1800	1300	1430	2 "	74	1150

