

Screw compressors Series LARGO

Capacity:
1.2– 66.34 m³/min



LARGO

Intelligence, Innovation, Reliability

The powerful package for a large demand of compressed air

powerful and robust for the harshest operating conditions

improved system efficiency

optimally matched compressor air ends

high quality compressed air

intelligent microprocessor control unit



Maximum benefits for our customers:

This premise holds true for everyone at ALUP.

Our products benefit from the latest techniques in research and development and are manufactured according to ISO 9001.

Customer satisfaction and quality is our highest priority.

They fulfil all acceptance criteria according to ISO 1217 – 3 annex C.

Numerous variations and options allow this product to be installed on nearly every compressed air application. In addition special versions can also be offered.



Designs, Systems, Solutions

We offer more than compressed air ...

We provide you with everything to do with compressed air technology including, customised solutions – from planning to production.

- complete turnkey project management
- online and remote monitoring (telemonitoring) of the complete compressed air system
- correctly chosen accessories for ideal system solutions
- rapid service by qualified engineering staff – and worldwide
- total care compressed air contracts



... just ask us!



Assembly, Technique, Highlights



Air Control 4

- **Air end**
latest providing technology, excellent efficiency
- **Drive system**
direct drive via optimally matched transmission
- **plus-Version with integrated dryer**
provides dry compressed air at the input to the compressed air network
- **Energy recovery**
energy recovery systems for the complete range
- **Separator system**
highest quality compressed air through proven multi-stage separation
- **Cooling system**
large surface area cooler for lowest compressed air output temperatures and optimum coolant temperatures
- **Cooling fan**
optimum cooling efficiency
- **Reserves in hand**
robust motor designed with reserves to spare
- **Air Control**
the compressor's intelligence thinks, monitors and records

Robust components for use under the harshest conditions

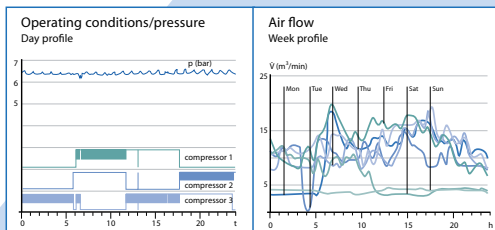


Data, Facts, Analyses



Type	Air flow according to ISO 1217 (Appendix C-1996)				Motor power kW	Length mm	Width mm	Height mm	Weight kg
	7.5 bar (m ³ /min)	8 bar (m ³ /min)	10 bar (m ³ /min)	13 bar (m ³ /min)					
LARGO 11	1.93	1.83	1.52	1.20	11	1300	780	1555	460
15	2.70	2.48	2.20	1.82	15	1300	780	1555	470
19	3.28	3.17	2.70	2.32	18.5	1300	780	1555	490
22	3.78	3.67	3.23	2.82	22	1300	780	1555	496
30	4.60	4.55	4.27	3.68	30	1300	780	1555	542
31	5.58	5.27	4.68	3.83	30	1810	950	1760	815
37	6.90	6.63	5.88	4.68	37	1810	950	1760	900
45	8.03	7.87	7.20	6.00	45	1810	950	1760	975
55	9.48	-	8.47	7.27	55	1810	950	1760	1165
56	10.62	10.20	8.93	7.22	55	2100	1060	1600	1430
75	14.70	13.90	12.37	10.48	75	2100	1060	1600	1500
90	16.08	16.06	14.67	11.87	90	2100	1060	1600	1625
110	19.58	18.98	17.08	14.67	110	2100	1060	1600	1810
111	20.23	19.52	17.25	13.63	110	2606	1490	1938	2420
132	24.50	23.20	21.08	17.08	132	2736	1490	1938	2565
160	28.61	27.35	24.83	20.67	160	2941	1610	1992	2830
200	29.25	29.25	28.59	24.00	200	2300	1400	1525	3550
201	36.00	36.00	32.00	26.14	200	3400	1650	2025	3900
250	43.55	43.55	38.70	32.87	250	3400	1650	2025	4050
315 W	52.50	52.50	45.10	39.78	315	3400	1650	2025	4350
355 W	61.66	61.66	52.70	-	355	3600	2100	2200	5750
400 W	65.94	65.94	58.41	-	400	3600	2100	2200	5900

LARGO 11 - 55 available as plus-Version with integrated dryer · LARGO 315 - 400 water-cooled



In typical installation as shown there is an enormous potential for saving energy!

Decisions can be made only on the basis of facts. Therefore: **First analyse, then decide.**



Products, Concepts, Solutions

Built on the needs of the customer

For almost 100 years, we at ALUP have produced quality air compressors.

With our innovative system concepts we offer customised solutions for almost all applications.

Our endeavour lies not only in supplying compressors, we offer ourselves as a

competent system provider, who is able to offer solutions to all users of compressed air.

That does not only apply to the consultation and installation phase of your new compressor(s), but naturally continues in all areas of service, maintenance and visualisation.

Made by Experience!



Screw compressors



Piston compressors



Blower



Turbo compressors



Complete accessories



Control, regulate, monitor

- constant speed
2.2 – 500 kW/
4 – 13 bar
- variable speed controlled and direct drive
5.5 – 260 kW /
4 – 13 bar
- oil-free, with water injection
15 – 55 kW/
4 – 13 bar

- oil-free,
up to 10 bar
0.75 – 12 kW
- for normal pressure up to 10 bar
1.5 – 15 kW
- for medium pressure up to 15 bar
1.5 – 15 kW

- for high pressure up to 40 bar
2.2 – 45 kW
- as a booster for an input pressure up to 15 bar and an output pressure up to 40 bar
2.2 – 30 kW

- at constant and variable speed
0.1 – 250 kW
50 – 1000 mbar

- upon request

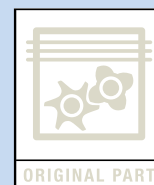
- refrigeration dryers
0.27 – 100 m³ /min
- desiccant dryers
0.08 – 145 m³/min
- activated carbon adsorbers
0.08 – 145 m³/min
- filters,
all particle sizes
0.5 – 225 m³/min
- complete condensate management up to
120 m³/min

- lead-lag control
- consumption-dependant control
- visualisation (we bring your compressed air to the PC)
- tele-monitoring (the hotline of your compressed air station)

Your specialist

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