

SOLID
air

The Clever Compressor

The best basis for your success. Stationary piston compressors SOLIDbase



SOLIDair. A brand of the BOGE Group.

Always a clever decision: SOLIDbase.

Looking for an industrial purpose piston compressor of robust, reliable and efficient design – at a reasonable price? Then you should opt for SOLIDbase!

The **two-stage, oil injected industrial piston compressors** produce FADs from 338 to 890 l/min at a rated power between 3 and 7.5 kW. You can choose between **20 different models** with variable options. There is, however, one point where you have no choice: Every SOLIDbase model provides **maximum performance at an optimal price** – which is the way it should be for a real Clever compressor.



**Clever advantages in series:
The SOLIDbase equipment.**

- 2-stage oil injected HD compressor with tested and proven two-cylinder technology. Extremely low speed, extremely low sound levels and low vibration operation resulting in less wear and prolonged service life!
- Condor quality pressure switch
- Operating hours counter
- Gauge
- Motor protection
- Compressed air receiver, manufactured according to Directive 2009/105/EC, Technical Data Sheet AD 2000
- Compressed air receivers, vibration decoupled by use of elastic bearings; no foundation necessary, a level industrial floor is sufficient.
- Compressors conform to Machine Directive 2006/42/EC
- Manual condensate drain valve
- 2-inch inspection hole at receiver



SOLIDbase
540-10/680-10 silent
(3 and 4 kW)
 Effective super sound insulation, ergonomically designed control panel



SOLIDbase
830-10/670-15 silent
with star delta circuit
(5,5 kW)
 Effective super sound insulation, ergonomically designed control panel. integrated star-delta start, electro-pneumatic ventilation system, oil temperature control alarm, integrated exhaust air fan



SOLIDbase
520-10 to 1300-10 /
460-15 to 1000-15
 12 stationary piston compressors with horizontally mounted receiver, 10 and 15 bar, incl. star-delta protective combination (5.5 and 7.5 kW completely prewired with compressor) Condor quality pressure switch including operating hours counter



SOLIDbase
680-10 ST/870-10 ST /
530-15 ST/680-15 ST
 4 space saving stationary piston compressors with vertically mounted receivers, 10 and 15 bar, including star-delta protective combination (5.5 kW version completely prewired with compressor), Condor quality pressure switch including operating hours counter

SOLIDbase	Suction capacity l/min	Effective FAD* l/min	Receiver capacity liters	max. pressure bar	Rated power kW	Electric connection volt	Com-pressor speed rpm	Drive	Com-pressor cylinder/ stage	Sound (pressure) level** dB(A)	Dimensions WxDxH (mm)	Weight kg
Sound insulated stationary industrial piston compressors – oil injected – V-belt drive – 10 and 15 bar – two stages												
540-10 silent	540	405	270	10	3,0	400VDS	1170	R	2/2	68	1440x592x1220	210
680-10 silent	650	520	270	10	4,0	400VDS	1000	R	2/2	66	1440x592x1220	243
830-10 silent ^{1,3}	830	635	270	10	5,5	400VDS	980	R	2/2	66	1440x592x1220	253
670-15 silent ^{1,3}	670	465	270	15	5,5	400VDS	785	R	2/2	66	1440x592x1220	263
Stationary industrial piston compressors – oil injected – V-belt drive – 10 bar – two stages – horizontally mounted receiver												
520-10/270 ³	520	420	270	10	3,0	400VDS	800	R	2/2	71	1600x500x1040	170
680-10/270 ³	650	520	270	10	4,0	400VDS	1000	R	2/2	74	1600x500 1040	170
680-10/500 ³	650	520	500	10	4,0	400VDS	1000	R	2/2	74	1970x590x1300	268
870-10/270 ^{2,3}	850	650	270	10	5,5	400VDS	1280	R	2/2	76	1600x500x1040	182
870-10/500 ^{2,3}	850	650	500	10	5,5	400VDS	1280	R	2/2	76	1970x590x1300	280
1300-10/500 ^{2,3}	1100	890	500	10	7,5	400VDS	1080	R	2/2	78	1970x590x1300	295
Stationary industrial piston compressors – oil injected – V-belt drive – 15 bar – two stages – horizontally mounted receiver												
460-15/270 ³	460	338	270	15	3,0	400VDS	700	R	2/2	73	1600x500x1040	180
530-15/270 ³	510	375	270	15	4,0	400VDS	780	R	2/2	74	1600x500x1040	180
530-15/500 ³	510	375	500	15	4,0	400VDS	780	R	2/2	74	1970x590x1300	283
680-15/270 ^{2,3}	650	470	270	15	5,5	400VDS	1000	R	2/2	76	1600x500x1040	192
680-15/500 ^{2,3}	650	470	500	15	5,5	400VDS	1000	R	2/2	76	1970x590x1300	293
1000-15/500 ^{2,3}	880	680	500	15	7,5	400VDS	860	R	2/2	77	1970x590x1300	310
Stationary industrial piston compressors – oil injected – V-belt drive – 10 and 15 bar – two stages – vertically mounted receiver												
680-10 ST ³	650	520	270	10	4,0	400VDS	1000	R	2/2	74	800x670x1850	180
870-10 ST ^{2,3}	850	650	270	10	5,5	400VDS	1280	R	2/2	76	800x670x1850	200
530-15 ST ³	510	375	270	15	4,0	400VDS	780	R	2/2	74	800x670x1850	185
680-15 ST ^{2,3}	650	470	270	15	5,5	400VDS	1000	R	2/2	76	800x670x1850	205

* FAD according to VDMA 4362 at 6 and/or 12 bar; ** sound pressure level according to EN ISO 3744 at a 4 m distance

¹ = including automatic star triangle startup

² = including star triangle protective combination with 5 m cable for on-site wall mounting

³ = receiver manufactured according to Directive 2009/105/EC and Technical Data Sheet AD 2000

Our range of Clever Compressors:

- Piston compressors up to 7.5 kW
- Screw compressors up to 75 kW
- Special dental compressors

SOLIDair compressors, accessories
and service are available in approved
trade outlets!

SOLIDair is a brand of the BOGE Group

**BOGE Compressed Air Systems
GmbH & Co.KG**

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