

Auxiliaries for
**Electric
Busses and Trucks**

Low Noise

Energy
Efficient

High Voltage
Low Current

Air- &
Water-Cooling
Option



compAUX series

compAUX series

eAir

Optimum air compressors for electric utility vehicles



eAir 1.1



eAir 1.2



eAir 2.1

MOTEG		compAUX - eAir		
Typ		1.1	1.2	2.1
Max pressure	bar	14	14	14
Max. flow rate @ 10 bar	l/min	325	325	325
Max. flow rate @ 6,5 bar	l/min	360	360	360
Protection Class	IP	55	55	67
Cooling type compressor/motor		Air-/Air-cooled	Water-/Air-cooled	Water-/Water-cooled
Maximum coolant temperature	°C	-	60	60
Motor voltage (rated)	V _{RMS}	230/400	230/400	230/400
Rated motor output power @ 3000 rpm	kW	3,8	3,8	3,6
Ambient temperature range	°C	-30°C / 45 °C	-30°C / 45 °C	-30°C / 45 °C
Oil residue	ppm	<3	<3	<3
Noise level	dB (A)	<68	<68	<68
Safety valve setup (max)	bar	15	15	15
Base length	mm	514	517	490
Base width	mm	342	320	320
Base height	mm	343	348	348
Weight dry	kg	41 kg	35 kg	28 kg

- Compact design
- Low weight
- Low noise level
- Energy-efficient
- Permanent Magnet Synchronous Motor
- Frequency inverter controlled
- Variable speed
- Low maintenance
- Long service life
- No DC/DC converter
- Demand-led control (optional)

eServo

Compact power-steering-/hydraulic-pumps for electric busses and trucks



eServo 1.1



eServo 2.1



eServo 3.0

MOTEG		compAUX - eServo		
Typ		1.1	2.1	3.0
Displacement	cm ³ /U	5,5	5,5	12
Volume @ rated speed	l/min	16,5	16,5	18
System pressure (rated / max)	bar	100 / 190	100 / 190	100 / 190
Device Speed (rated / min - max)	rpm	3000 / 1000 - 3000	3000 / 500 - 3000	1500 / 500 - 1500
Cooling type motor		Air-cooled	Water-cooled	Water-cooled
Motor voltage (rated)	V _{RMS}	230/400	230/400	230/400
Rated motor output power @ rated speed	kW	3,8	3,6	3,4
Ambient temperature range	°C	-30°C / 80 °C	-30°C / 80 °C	-30°C / 80 °C
Noise level (pump only)	dB (A)	52	52	41
Protection Class	IP	55	67	67
Base length	mm	355	212	242
Base width	mm	164	145	145
Base height	mm	198	206	206
Weight dry	kg	16	10,5	13

● Doesn't fit Your needs!?

If the shown types of the new „compAUX“-series don't meet your requirements, please don't hesitate to contact us.

We will find a customized solution for Your auxiliaries!



Efficient solutions for eMobility



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THINK AHEAD - THINK MOTEG