

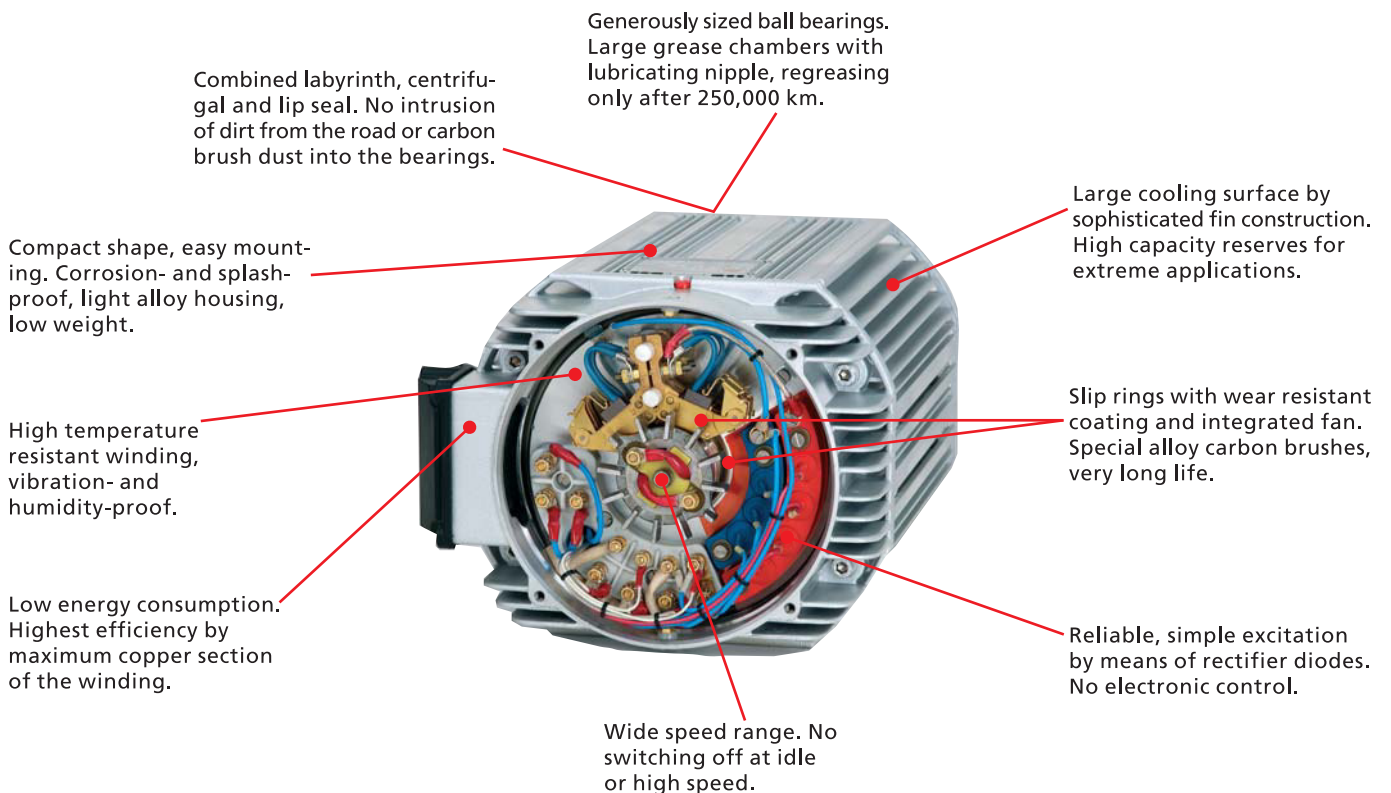
FRIGOBLOCK A 6 - G 24

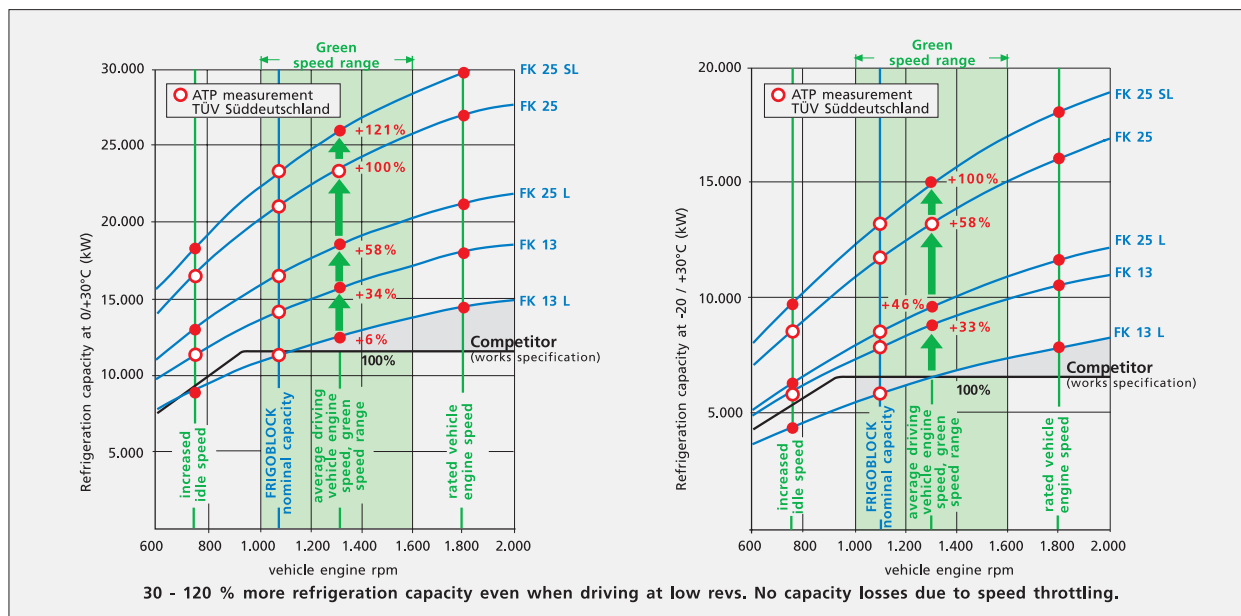
3-Phase Alternators 6-24 kVA



Specifically designed for transport refrigeration, extremely long-life and robust. More ease for the driver, no checking of fuel, oil, cooling water level and battery. Big advantages in weight, energy con-

sumption and maintenance costs. Highest efficiency and lowest noise emission of all drive systems, very reliable lossfree electrical control of the refrigeration unit.





More Than 25 Years Technical Lead in the Design of Alternator Drive

- Extensive programme matured over more than 25 years manufacturing units for rigids and trailers.
- Mounting kits for almost all popular chassis types. More than 25 years of installation experience. Fitting by the leading truck manufactures on their own production line.
- Refrigeration circuit components developed by FRIGOBLOCK, to operate throughout the full speed range of the truck engine.
- No electronic drive control system that is sensitive to malfunction and the cause of capacity loss in the refrigeration unit where components are not designed to accept a variation in voltage and speed.
- Reliable alternator with automatic regulation up to 42 kW instead of to a maximum of 10 kW.
- No permanent magnets, therefore no loss of capacity due to regulation in the partial load range or in the idling mode.
- High efficiency thanks to an optimised copper coil space factor and active iron material in alternators and motors.
- Splash-resistant aluminium housing with simple and reliable air instead of water-cooling.
- Slow-rotation, long-life reciprocating-piston compressor with oil pump, instead of a scroll compressor designed only for a limited temperature and speed range.
- No fully sealed compressor where neither the electric motor or the refrigeration compressor are accessible for repairs.
- No cooling of the electric motor by the refrigerant, therefore no acid formation in the cooling circuit when electric motor failure occurs.
- Refrigeration circuit designed for the high-performance refrigerant R410A having 80% less environment impact and 20% less power consumption.
- By a massive margin the highest refrigerating and heating capacities available on the market. The most rapid cooling rates and shortest defrosting periods.
- Guaranteed box temperatures in the range between -40°C and +25°C.

FRIGOBLOCK alternator	A6	A8	G12	G17	G24	Dim.	
capacity	6.24	8.31	12.47	17.32	24.25	kVA	
voltage						V	
frequency						Hz	
current	9	12	18	25	35	A	
speed						1/min	
speed-range	min.					1/min	
	max.					1/min	
length	L	350	400	375	450	550	mm
height	H	180		214			mm
width	B	206		245			mm
shaft	W	28		43			mm
driving torque		19.9	26.5	39.7	55.1	77.2	Nm
weight		38	48	59	76	98	kg

Subject to technical changes without prior notice.

FRIGOBLOCK – The most powerful, economical, environmentally friendly refrigeration units

Hybrid-alternator drive – 100% more capacity • 90% less noise • 50% less fuel and CO₂

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