

Kendrion A/C Compressor Clutch

EM Clutches for A/C Cooling Systems – robust, automotive standards, supporting leading compressors

The Kendrion compressor clutches is engaging / disengaging compressors in AC cooling systems for busses with an electromagnetic actuating system.

The clutches are designed to fit all significant compressor types in the market and is available as shaft-mounted or housing mounted model. Our compressor clutches are developed following the IATF16949 processes and can be sampled according to PPAP and PFF.

Our integrated electronic IQ module also offers you fail-safe function through slip monitoring

- Increased bearing life time due to micro pulsing
- Power saving through „peak-and-hold“ control CO² saving
- Possibility of predictive maintenance with current monitoring in the A/C control unit



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Technical information

| Product line | LA18 | LA21 |
|--|---|---|
| Description | <ul style="list-style-type: none">- Electromagnetic single disc clutch- housing mounted- Adjustable air gap | <ul style="list-style-type: none">- Electromagnetic single disc clutch- housing mounted- Adjustable air gap |
| Max. Torque | 240 Nm | 120 Nm |
| Released Compressors | Thermoking Series | Valeo Series |
| Max. Pulley Rips | 1 x SPA - 4 x SPB | 1 x SPA - 4 x SPB |
| Pulley diameter | 215mm – 280mm | 150mm – 220mm |
| Max. transmittable torque (Def. to VDI2241) | 140 Nm | 100 Nm |
| Power consumption at 20°C | 62 W | 46 W |



Kendrion (Markdorf) GmbH

Riedheimer Straße 5
88677 Markdorf
Deutschland

T +49 7544 964-0
F +49 7544 6218

info-markdorf@kendrion.com
www.kendrion.com