



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	LA16/IQ16	LA25/IQ25
Description	<ul style="list-style-type: none"> - Electromagnetic single disc clutch - Shaft mounted - Integrated extinction diode - Small pulley diameter possible 	<ul style="list-style-type: none"> - Electromagnetic single disc clutch - Shaft mounted - Integrated extinction diode - Small pulley diameter possible
Max. Torque	450 Nm	750 Nm
Released Compressors	Bock/Bitzer 4 Cylinder	Bock/Bitzer 6 Cylinder
Max. Pulley Rips	1 x SPA - 4 x SPB	1 x SPA - 4 x SPB
Pulley diameter	135mm – 320mm	150mm – 330mm
Max. transmittable torque (Def. to VDI2241)	240 Nm	750 Nm
Power consumption at 20°C	60 W	60 W



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