



Compressor **Bitzer F-400 Bus Air Conditioning**

Providing a lightweight and flexible engine mounted solution

With the extensive experience gained from the Bitzer 4UFC and 4NFC compressor series over many successful years of service, an alternative lightweight and compact compressor has been developed for small and medium capacity bus air conditioning systems.

The F400Y compressor series offers the perfect balance of low weight, high efficiency, reliability, and durability – all in a very compact package.

With its extremely compact design, the F400(Y) is ideally suited to front engine applications which typically have had to settle for single or dual automotive style compressors.

This coupled with its extended speed range of up to 4500 RPM, allows superior capacity performance even at engine idle.

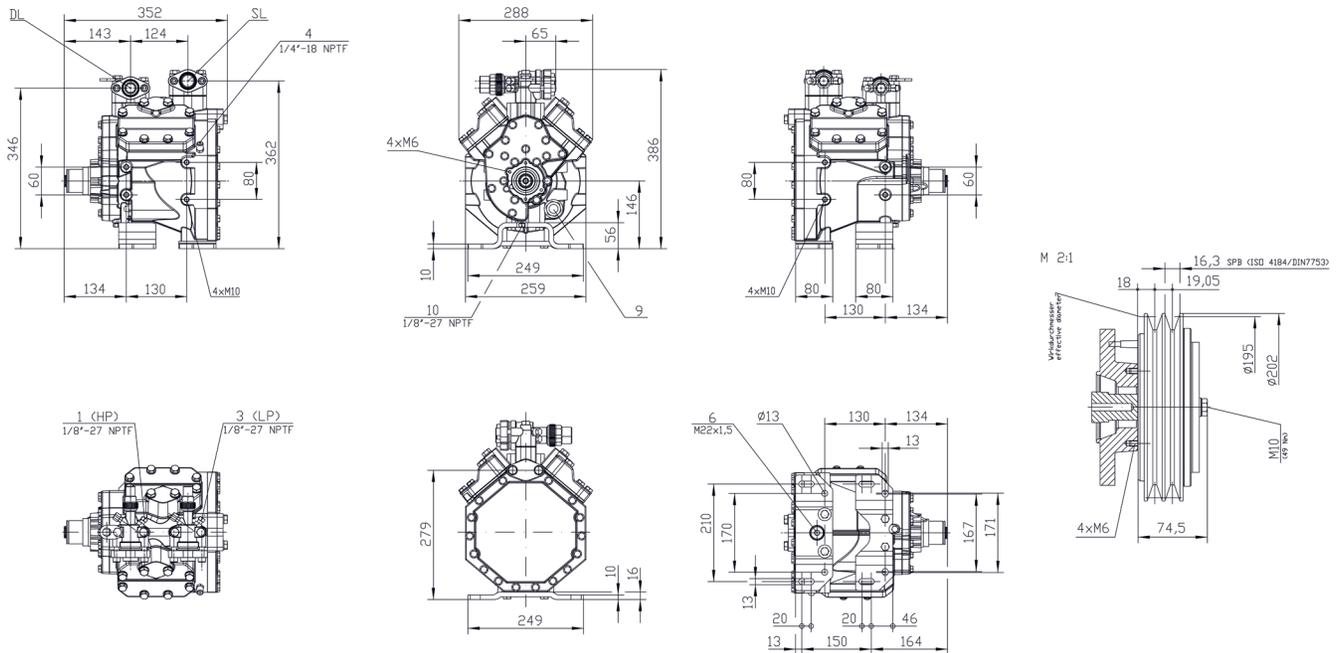


Features

- Very compact design
- Lightest weight in its class – only 51 lbs (23 kg)
- Widest speed range – 4500 RPM
- Certified for use with R134a
- Housing mounted clutch
- 3 mounting positions for better mounting flexibility

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MCC Compressors



Technical Data

Rotation	CW or CCW
Swept volume	24 in ³ (400 cm ³)
Max speed	500 – 4500 rpm continuous
Clutch coil	12 or 24 VDC
Displacement (1450/3000 RPM)	1230/2540 CFM (35/72 m ³ /hr)
Number of pistons	4
Refrigerant	R134a
Pulleys	2-SPB
Oil charge	35.2 fl.oz (1000 cm ³)
Dimensions (W x D x H)	11.34" (288 mm) x 13.86" (352 mm) x 15.20" (386 mm)
Weight (without clutch)	51 lbs (23 kg)

