MACRO HP™ FC
EXTENDED RANGE FLANGED COUPLING 4 – 12 INCH

SUBMITTAL INFORMATION

USE

Provides an Extended Range Coupling for multi-purpose use from steel pipe up through class 200 asbestos cement pipe. Macro end requires only one bolt to compress the gasket around the pipe. The MACRO HP FC can accommodate up to 5 degrees of deflection.

STANDARD

The MACRO HP FC coupling is in accordance with the requirements of AWWA Standard C219. Flange meets the dimensional requirements of ANSI Class 125 and 150 bolt circles.

MATERIALS

CASTINGS
All cast components (end ring, center ring, and bolt cams) are ductile iron, meeting or exceeding the requirements of ASTM A 536, grade 65-45-12 or 60-40-18.

END RING
End Ring is segmented and joined with an integrated hinge. The gap is spanned by the armor.

CENTER RING
Cast with integral handle for ease of assembly.

ARMOR
Heavy gauge 304 stainless steel.

GASKETS
Made from virgin Ethylene Propylene Diene Monomer Rubber (EPDM) compounded for water and sewer service in accordance with ASTM D2000, NSF 61 Certified. NBR - NSF 61 gaskets available upon request. Flange gasket is O ring style and is made of Nitrile Butadiene Rubber (NBR) in accordance with ASTM D2000.

BOLTS AND NUTS
Type 304 stainless steel 5/8-11 UNC. All are carriage head bolts with heavy hex nuts. Fasteners provided with anti-galling protection. 316 stainless available on request.

COATINGS
Center Ring is Romacote fusion bonded epoxy, NSF 61 Certified. Center Ring can be coated to AWWA C213 upon request. End Ring is E-Coated epoxy.

PRESSURE

When properly installed on a pipe that is within the outside diameter range of the Romac MACRO HP FC coupling, the 4-8 inch can be used at working pressures up to 305 psi, 10"and 12" up to 260 psi. The LR (Low-Range) Macro can be use up to 200 psi working pressure. The MACRO HP FC can be tested up to 1.5 times working pressure.

SIZES & RANGES

See Catalog.

This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.

ROMAC INDUSTRIES, INC.