



# 7908RFCA / 7906RFCA

## FABRICATED RESTRAINED FLANGE ADAPTER

### APPLICATIONS:

The Robar 7908RFCA/7906RFCA Restrained Flange Coupling Adapter allows for a fully restrained flexible joint to adapt from a flange to Ductile Iron pipe or C-905 PVC pipe for 14" thru 36".



### MATERIAL SPECIFICATIONS:

- Centre Sleeve: Carbon Steel per ASTM A36
- Flange: AWWA C-207 class D - ANSI 1021 150 lb. drilling
- Restraint Gland: EBAA 1100 Series for Ductile Iron connection  
EBAA 2000PV Series for C-905 PVC connection.  
ASTM A536 Ductile Iron Construction
- Gasket: EBAA-Seal TM Mechanical Joint - SBR
- Tie Rods: 7908RFCA - ASTM A193 Gr B7 Tie Rod  
7906RFCA - T-304 Stainless Steel material (T-316 SS available)
- Coating: Sleeve and flange - Fusion Bonded Epoxy per AWWA C-213  
End Gland - Mega Bond epoxy

| NOMINAL SIZE | NO. OF TIE RODS | SIZE OF TIE RODS | NO. OF WEDGES | OD OF FLANGE | OD OF RESTRAINER |
|--------------|-----------------|------------------|---------------|--------------|------------------|
| 14           | 10              | 3/4 x 18         | 10            | 21.00        | 20.94            |
| 16           | 12              | 3/4 x 18         | 12            | 23.50        | 23.00            |
| 18           | 12              | 3/4 x 18         | 12            | 25.00        | 25.10            |
| 20           | 14              | 3/4 x 18         | 14            | 27.50        | 27.20            |
| 24           | 16              | 3/4 x 18         | 16            | 32.00        | 32.64            |
| 30           | 20              | 1 x 20           | 20            | 38.75        | 38.87            |
| 36           | 24              | 1 x 20           | 24            | 46.00        | 45.17            |

All dimensions are in inches.

### HOW TO ORDER:

To install a restrained flange coupling adapter on 20" Ductile Iron pipe using uncoated tie rods the ordering code is:

**7908RFCA - 20" for DI OD**

Note: 150 PSI working pressure. Contact Robar for higher working pressures.

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