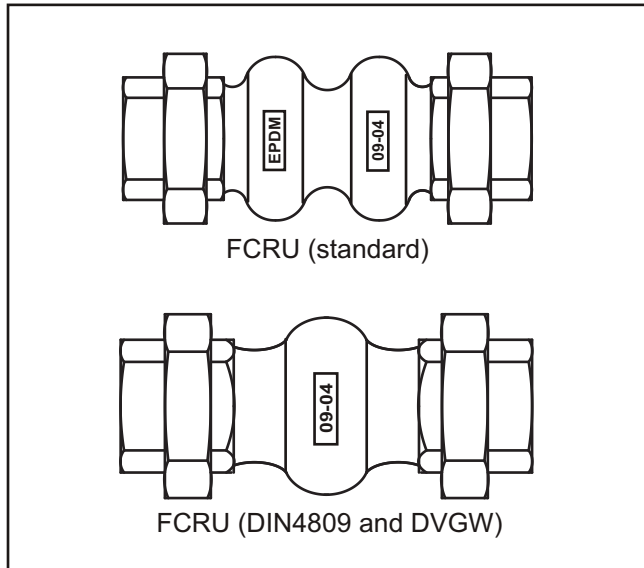


# RUBBER FLEXIBLE CONNECTORS (BSP)

## Model FCRU (BSP)



### APPLICATIONS

Rubber flexible connectors are designed to reduce noise and vibration transmission from plant items.

These models have EPDM rubber membrane with galvanised female unions, and can be used accordingly on steel, copper or plastic pipes for the following applications:-

Low Temperature Heating (LTHW)  
Chilled Water, inc. glycol (CHW)  
Condenser Water (Cond.W)  
Compressed Air (Oil Free)



Where required, models with butyl/epdm rubber membrane and brass female unions are in accordance with DVGW-KTW, for the following applications:-

Potable Water Service (Drinking)  
Cold Water Service (CWS)  
Hot Water Service (HWS)



Nominal Size DN (mm)	Installation Length (mm)	Axial Compression (mm)	Axial Elongation (mm)	Lateral Shear (mm)	Product Code (MODEL-SIZE-OAL-ENDS)
15	200	10	5	10	FCRU-015-200-BSP
20	200	10	5	10	FCRU-020-200-BSP
25	200	10	5	10	FCRU-025-200-BSP
32	200	10	5	10	FCRU-032-200-BSP
40	200	10	5	10	FCRU-040-200-BSP
50	200	10	5	10	FCRU-050-200-BSP
65*	230	10	5	10	FCRU-065-230-BSP
80*	230	10	5	10	FCRU-080-230-BSP
20	186	10	5	10	FCR(D)(W)U-020-186-BSP
25	192	10	5	10	FCR(D)(W)U-025-192-BSP
32	196	10	5	10	FCR(D)(W)U-032-196-BSP
40	202	10	5	10	FCR(D)(W)U-040-202-BSP
50	215	10	5	10	FCR(D)(W)U-050-215-BSP

The data above is for non PED and SEP applications only.  
For more demanding applications, these flexible connectors must not be used.  
Refer to other flexible connector models.

\*Special order

### SPECIFICATION

FCRU - Untied model with twin-sphere nylon reinforced epdm rubber bellows and galvanised female unions having threads to ISO7. Designed to FSA\* Standards. \*Fluid Sealing Association

FCRDU - Untied model with polymer reinforced epdm rubber bellows and galvanised female unions having threads to ISO7. Designed to the DIN4809\* Standard for heating plant. Fully approved and certified to this effect. \*Deutsches Institut für Normung. Independently tested by TÜV\* test house, according to DIN4809. \*German Technical Inspection Association.

FCRWU - Untied model with nylon reinforced butyl/epdm rubber bellows and brass female unions having threads to ISO7. With DVGW-KTW\* Approval for drinking water in Germany in accordance with 1986 Federal Health Bureau. \*Deutscher Verein des Gas- und Wasserfaches e.V. -Kunststoffe und Trinkwasser

Conforms with PED\* 97/23/EC. \*Pressure Equipment Directive.

### OPERATING PARAMETERS

#### Standard model

Simultaneous Operating Maximums, TS,PS = 90 °C. up to 6 Barg.  
Cold Test Pressure, PT = 9 Barg.

#### DIN4809 model

Simultaneous Operating Maximums, TS,PS = 100 °C. up to 10 Barg.  
Cold Test Pressure, PT = 15 Barg.

#### DVGW-KTW model

Simultaneous Operating Maximums, TS,PS = 90 °C. up to 10 Barg.  
Cold Test Pressure, PT = 15 Barg.

For Untied models, if the pipe/plant is not rigid, then the operating pressure must not exceed 3 Barg.