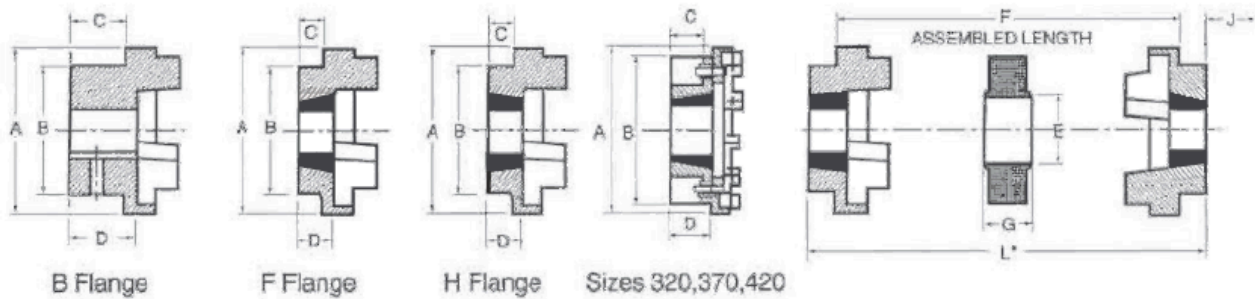




**LIGHTHOUSE**  
PROCUREMENT

## HRC COUPLINGS



## Physical Dimensions

| Size  | Bushing No. | A   | B   | E   | F     | G    | Max. Bore |       | C    | D     | J  |
|-------|-------------|-----|-----|-----|-------|------|-----------|-------|------|-------|----|
|       |             |     |     |     |       |      | mm        | inch  |      |       |    |
| 70 F  | 1008        | 69  | 60  | 31  | 25.0  | 18.0 | 25        | 1     | 20.0 | 23.75 | 29 |
| 70 H  | 1008        | 69  | 60  | 31  | 25.0  | 18.0 | 25        | 1     | 20.0 | 23.75 | 29 |
| 90 F  | 1108        | 85  | 70  | 32  | 30.5  | 22.5 | 28        | 1 1/8 | 19.5 | 23.25 | 29 |
| 90 H  | 1108        | 85  | 70  | 32  | 30.5  | 22.5 | 28        | 1 1/8 | 19.5 | 23.25 | 29 |
| 110 F | 1210        | 112 | 100 | 45  | 45.0  | 29.0 | 42        | 1 5/8 | 18.5 | 26.75 | 38 |
| 110 H | 1210        | 112 | 100 | 45  | 45.0  | 29.0 | 42        | 1 5/8 | 18.5 | 26.75 | 38 |
| 130 F | 1610        | 130 | 105 | 50  | 53.0  | 36.0 | 42        | 1 5/8 | 18.0 | 26.50 | 38 |
| 130 H | 1610        | 130 | 105 | 50  | 53.0  | 36.0 | 42        | 1 5/8 | 18.0 | 26.50 | 38 |
| 150 F | 2012        | 150 | 115 | 62  | 60.0  | 40.0 | 50        | 2     | 23.5 | 33.50 | 42 |
| 150 H | 2012        | 150 | 115 | 62  | 60.0  | 40.0 | 50        | 2     | 23.5 | 33.50 | 42 |
| 180 F | 2517        | 180 | 125 | 77  | 73.0  | 49.0 | 60        | 2 1/2 | 34.5 | 46.50 | 48 |
| 180 H | 2517        | 180 | 125 | 77  | 73.0  | 49.0 | 60        | 2 1/2 | 34.5 | 46.50 | 48 |
| 230 F | 3020        | 225 | 155 | 99  | 85.5  | 59.5 | 75        | 3     | 39.5 | 52.50 | 55 |
| 230 H | 3020        | 225 | 155 | 99  | 85.5  | 59.5 | 75        | 3     | 39.5 | 52.50 | 55 |
| 280 F | 3535        | 275 | 185 | 119 | 105.5 | 74.5 | 90        | 3 1/2 | 74.0 | 90.00 | 67 |
| 280 H | 3535        | 275 | 185 | 119 | 105.5 | 74.5 | 90        | 3 1/2 | 74.0 | 90.00 | 67 |



**LIGHTHOUSE**  
PROCUREMENT

| Size | Assembled Length<br>(L*)FF,FH,HH | Weight<br>kg | Inertia<br>Mr <sup>2</sup> kgm | Dynamic Stiffness<br>Nm/° | Maximum Misalignment |       | Nominal torque<br>Nm |
|------|----------------------------------|--------------|--------------------------------|---------------------------|----------------------|-------|----------------------|
|      |                                  |              |                                |                           | Parallel             | Axial |                      |
| 70   | 65.0                             | 1.00         | 0.00085                        |                           | 0.3                  | +0.2  | 31                   |
| 90   | 69.5                             | 1.17         | 0.00115                        |                           | 0.3                  | +0.5  | 80                   |
| 110  | 82.0                             | 5.00         | 0.00400                        | 65                        | 0.3                  | +0.6  | 160                  |
| 130  | 89.0                             | 5.46         | 0.00780                        | 130                       | 0.4                  | +0.8  | 315                  |
| 150  | 107.0                            | 7.11         | 0.01810                        | 175                       | 0.4                  | +0.9  | 600                  |
| 180  | 142.0                            | 16.60        | 0.04340                        | 229                       | 0.4                  | +1.1  | 950                  |
| 230  | 164.5                            | 26.00        | 0.12068                        | 587                       | 0.5                  | +1.3  | 2000                 |
| 280  | 207.5                            | 55.30        | 0.44653                        | 1025                      | 0.5                  | +1.7  | 3150                 |