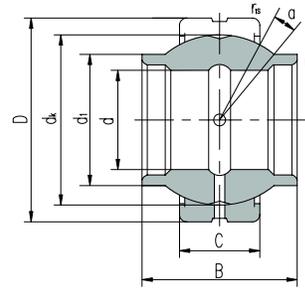


EXTENDED INNER RING – METRIC

GEM SERIES



Specifications

- Extended Inner Ring eliminating need for locational spacers
- Sliding Surface: Steel on Steel - MoS₂ treated
- Single Fracture Design
- Relubricatable through annular grooves & oil holes in inner & outer rings (ES – Suffix)

| Part # | Ref # | Dimensions (mm) | | | | | | | | | Load Ratings kN | | Weight LBS |
|-------------|--------------|-----------------|-----|----|----|--------------------|----------------|--------------------|---------------------|-----|-----------------|--------|------------|
| | | d | D | B | C | d _i max | d _k | r _s min | r _{is} min | α ≈ | Dynamic | Static | |
| GEM20ES-2RS | GEEM20ES-2RS | 20 | 35 | 24 | 12 | 24 | 29 | 0.3 | 0.3 | 6 | 30 | 146 | .160 |
| GEM25ES-2RS | GEEM25ES-2RS | 25 | 42 | 29 | 16 | 29 | 35.5 | 0.3 | 0.6 | 4 | 48 | 240 | .290 |
| GEM30ES-2RS | GEEM30ES-2RS | 30 | 47 | 30 | 18 | 34 | 40.7 | 0.3 | 0.6 | 4 | 62 | 310 | .375 |
| GEM35ES-2RS | GEEM35ES-2RS | 35 | 55 | 35 | 20 | 40 | 47 | 0.6 | 1 | 4 | 79 | 399 | .550 |
| GEM40ES-2RS | GEEM40ES-2RS | 40 | 62 | 38 | 22 | 45 | 53 | 0.6 | 1 | 4 | 99 | 495 | .770 |
| GEM45ES-2RS | GEEM45ES-2RS | 45 | 68 | 40 | 25 | 52 | 60 | 0.6 | 1 | 4 | 127 | 637 | 1.08 |
| GEM50ES-2RS | GEEM50ES-2RS | 50 | 75 | 43 | 28 | 57 | 66 | 0.6 | 1 | 4 | 156 | 780 | 1.32 |
| GEM60ES-2RS | GEEM60ES-2RS | 60 | 90 | 54 | 36 | 68 | 80 | 0.6 | 1 | 3 | 245 | 1220 | 2.53 |
| GEM70ES-2RS | GEEM70ES-2RS | 70 | 105 | 65 | 40 | 78 | 92 | 0.6 | 1 | 4 | 313 | 1560 | 3.65 |
| GEM80ES-2RS | GEEM80ES-2RS | 80 | 120 | 74 | 45 | 90 | 105 | 0.6 | 1 | 4 | 400 | 2000 | 5.50 |

Common Interchanges (25mm Bore): GE25HO 2RS

