**order part DDRIF-8516ZZRA5P58LD**
**Miniature Ball Bearings Inch Series Bearings**

## Detailed Specifications

| | |
|---|---|
| **Inch:** | Flanged Shielded |
| **Bore Diameter:** | 7.938[mm] |
| **Outside Diameter:** | 12.700[mm] |
| **Width:** | 3.968[mm] |
| **Bore Diameter:** | 0.3125[in] |
| **Outside Diameter:** | 0.5000[in] |
| **Width:** | 0.1562[in] |
| **Flange Diameter (D1):** | 13.894[mm] |
| **Flange Width (C1):** | 0.787[mm] |
| **Fillet Radius (rsmin):** | 0.130[mm] |
| **Reference Diameter Inner (Li):** | 9.200[mm] |
| **Reference Diameter Outer (Lo):** | 11.770[mm] |
| **Ball Size (DW):** | 1.588[mm] |
| **Ball Complement (Z):** | 11 |
| **Dynamic Load Rating (Cr):** | 878[N] |
| **Flange Diameter (D1):** | 0.5470[in] |
| **Flange Width (C1):** | 0.0310[in] |
| **Fillet Radius (rsmin):** | 0.005[in] |
| **Reference Diameter Inner (Li):** | 0.362[in] |
| **Reference Diameter Outer (Lo):** | 0.463[in] |
| **Ball Size (DW):** | 0.0625[in] |
| **Dynamic Load Rating Cr:** | 878[N] |
| **Static Load Rating Cor:** | 419[N] |
| **Static Load Rating (Cor):** | 419[N] |