

# Kegelrollenlager 458-452D-TIMKEN - 458-452D-TIMKEN

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**TAPERED ROLLER BEARINGS**  
DOUBLE-ROW • TYPE TDO

**TYPE TDO**

| Bearing Dimensions |         |         |                           | Load Ratings           |                 |                       |                |                        |                 |                       |      |
|--------------------|---------|---------|---------------------------|------------------------|-----------------|-----------------------|----------------|------------------------|-----------------|-----------------------|------|
| Bore d             | O.D. D  | Width T | Double Outer Ring Width C | Dynamic <sup>(1)</sup> |                 | Static <sup>(2)</sup> |                | Dynamic <sup>(3)</sup> |                 | Factor <sup>(4)</sup> |      |
| mm                 | mm      | mm      | mm                        | C <sub>10</sub>        | C <sub>90</sub> | Y <sub>1</sub>        | Y <sub>2</sub> | C <sub>10</sub>        | C <sub>50</sub> | C <sub>100</sub>      | K    |
| 44.458             | 107.958 | 65.098  | 53.875                    | 32600                  | 33100           | 0.34                  | 2.21           | 30200                  | 20200           | 81200                 | 1.34 |
| 1.7500             | 4.2500  | 2.5628  | 2.1250                    |                        |                 |                       |                | 7900                   | 4540            | 13600                 |      |

  

| Part Number |       | Shaft                                   |                                      |   |                                      | Housing        |                |                |                | Pin            |                | Geometry Factors |      |  | Bearing Weight |
|-------------|-------|---|--------------------------------------|---|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------|--|----------------|
| Inner       | Outer | Max. Shaft Fillet Radius R <sub>f</sub> | Backing Shoulder Dia. d <sub>s</sub> | Max. Housing Fillet Radius r <sub>h</sub> | Backing Shoulder Dia. D <sub>s</sub> | K <sub>1</sub> | K <sub>2</sub> | G <sub>1</sub> | G <sub>2</sub> | C <sub>1</sub> | C <sub>2</sub> |                  |      |  |                |
| 458         | 452D  | 0.8                                     | 95.9                                 | 0.8                                       | 106.8                                | -              | -              | 58.6           | 17.1           | 0.0846         |                |                  | 2.89 |  |                |
|             |       | 0.03                                    | 2.17                                 | 0.03                                      | 3.94                                 | -              | -              |                |                |                |                |                  | 8.58 |  |                |

## PRODUKTMERKMALE

|                  |               |
|------------------|---------------|
| Marke            | TIMKEN        |
| N° Ean13         | 3663952355900 |
| Innendurchmesser | 44.45 mm      |
| Außendurchmesser | 107.95 mm     |
| Dicke            | 65.09 mm      |
| Verpackung       | 1             |

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