

# Mounted Bearing ▶ Vertical seat outer spherical ball bearing Stamped/Cast Type



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering

Model(①Code)

YAE

— ②Specification

201

Model(③Code)

YBFV

— ④Specification

201

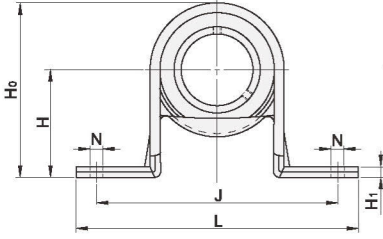
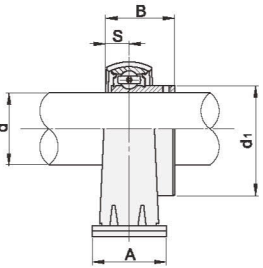


Discounted Price

Quantity 1~9 10~  
Price 100% Separate Quotation

Price Excluding Tax (Yuan)



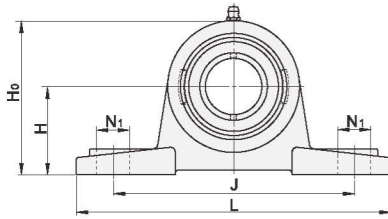
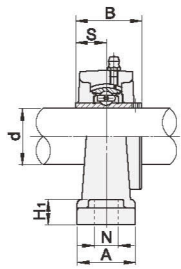
| Code | Type          | Material                             |         |
|------|---------------|--------------------------------------|---------|
|      |               | Bearing Housing Material             | Bearing |
| YAE  | Standard type | High-quality Carbon Structural Steel | GCr15   |

Accuracy: JIS B 1558  
JIS B 1514  
JIS B 1559  
(GB/T 7809-1995)

Concave Spherical Surface Tolerance of Bearing Housing: Clearance Fit

| Model |               | International Model | d  | H    | J  | L   | A  | N    | H <sub>1</sub> | H <sub>0</sub> | S   | B  | d <sub>1</sub> | Installation Hole Size Tolerance | Deviation Installation Hole Position | Locking Screw | Maximum Tightening Torque (N.m) | Basic Rated Load(N) |       | Weight(g) |
|-------|---------------|---------------------|----|------|----|-----|----|------|----------------|----------------|-----|----|----------------|----------------------------------|--------------------------------------|---------------|---------------------------------|---------------------|-------|-----------|
| Code  | Specification |                     |    |      |    |     |    |      |                |                |     |    |                |                                  |                                      |               | Dynamic Load Cr                 | Static Load Cor     |       |           |
| YAE   | 201           | SBPP201             | 12 |      |    |     |    |      |                |                |     |    |                |                                  |                                      |               |                                 |                     |       |           |
|       | 202           | SBPP202             | 15 | 22.2 | 68 | 86  | 25 | 9.5  | 3              | 43.5           | 6   | 22 | 27.2           |                                  |                                      | M5            | 3.9                             | 9550                | 4780  | 200       |
|       | 204           | SBPP204             | 20 | 25.4 | 76 | 98  | 32 |      |                | 50.2           | 7   | 25 | 32.4           | ±0.25                            | 0.6                                  |               |                                 | 12800               | 6650  | 230       |
|       | 205           | SBPP205             | 25 | 28.6 | 86 | 108 |    |      |                | 56.4           | 7.5 | 27 | 37.4           |                                  |                                      | M6            | 4.6                             | 14000               | 7880  | 320       |
|       | 206           | SBPP206             | 30 | 33.3 | 95 | 117 | 38 | 11.5 | 4              | 66.1           | 8   | 30 | 44.1           |                                  |                                      |               |                                 | 19500               | 11200 | 470       |



| Code | Type          | Material                 |         |
|------|---------------|--------------------------|---------|
|      |               | Bearing Housing Material | Bearing |
| YBFV | Standard type | HT200 Gray Iron          | GCr15   |

Accuracy: JIS B 1558  
JIS B 1514  
JIS B 1559  
(GB/T 7809-1995)

Vertical seat outer spherical ball bearing (Concave Spherical Surface Tolerance of Bearing Housing: Clearance Fit)

| Model | International | d       | H  | L    | J   | A   | N  | N <sub>1</sub> | H <sub>1</sub> | H <sub>0</sub> | S   | B    | Installation<br>Hole Size<br>Tolerance | Deviation<br>Installation<br>Hole Position | Locking<br>Screw | Maximum<br>Tightening Torque<br>(N.m) | Basic Rated Load(N) |                 | Weight(g) |
|-------|---------------|---------|----|------|-----|-----|----|----------------|----------------|----------------|-----|------|----------------------------------------|--------------------------------------------|------------------|---------------------------------------|---------------------|-----------------|-----------|
| Code  | Specification | Model   |    |      |     |     |    |                |                |                |     |      |                                        |                                            |                  |                                       | Dynamic Load Cr     | Static Load Cor |           |
| YBFV  | 201           | UCP201S | 12 |      |     |     |    |                |                |                |     |      | ±0.5                                   | 0.6                                        | M6               | 4.6                                   | 12800               | 6650            | 600       |
|       | 202           | UCP202S | 15 | 30.2 | 125 | 96  | 32 | 12             | 16             | 13             | 57  | 11.5 |                                        |                                            |                  |                                       |                     |                 |           |
|       | 203           | UCP203S | 17 |      |     |     |    |                |                |                |     |      |                                        |                                            |                  |                                       |                     |                 |           |
|       | 204           | UCP204  | 20 | 33.3 | 127 |     | 37 | 13             |                | 14             | 65  | 12.7 |                                        |                                            |                  |                                       |                     |                 | 650       |
|       | 205           | UCP205  | 25 | 36.5 | 140 | 105 | 38 |                |                | 15             | 71  | 14.3 |                                        |                                            |                  |                                       | 14000               | 7880            | 720       |
|       | 206           | UCP206  | 30 | 42.9 | 160 | 121 | 44 | 14             | 19             | 16             | 83  | 15.9 |                                        | 0.8                                        | M8               | 8.0                                   | 19500               | 11200           | 1150      |
|       | 207           | UCP207  | 35 | 47.6 | 167 | 126 | 48 |                |                | 17             | 93  | 17.5 |                                        |                                            |                  |                                       | 25700               | 15200           | 1530      |
|       | 208           | UCP208  | 40 | 49.2 | 180 | 136 | 52 | 15             | 21             | 18             | 100 |      |                                        |                                            |                  |                                       | 29600               | 18200           | 1880      |
|       | 209           | UCP209  | 45 | 54   | 192 | 146 | 54 |                |                | 20             | 108 | 19   |                                        |                                            |                  |                                       | 31850               | 20800           | 2100      |
|       | 210           | UCP210  | 50 | 57.2 | 204 | 159 | 57 | 19             | 22             | 21             | 114 |      |                                        |                                            |                  |                                       | 35100               | 23200           | 2500      |