

New DW Series Angular Contact Ball Bearings

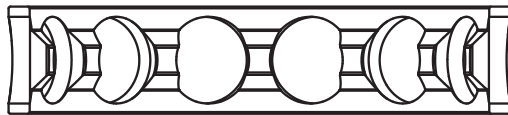
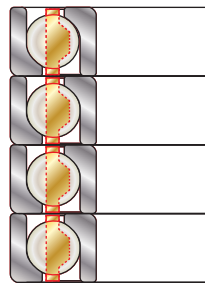
Koyo's new DW series Angular Contact Ball Bearings are designed for maximized oil flow and quiet running in vertical motors and pumps.

- **Improved flow rate**
- **Lower operating temperature**
- **Decreased noise profile**



Our new "DW" design is ideal for applications where multiple bearings are used, such as in deep well pumps.

Legacy "-5" Design

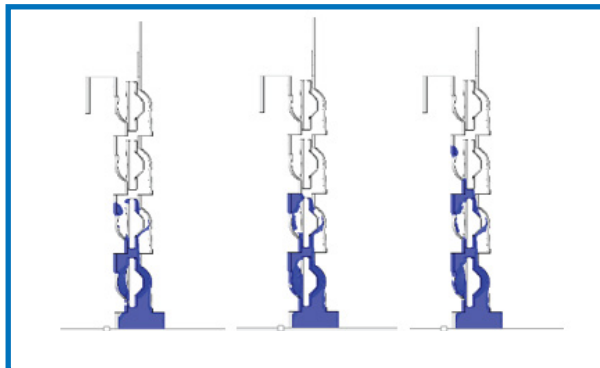


NEW "-5DW" Design



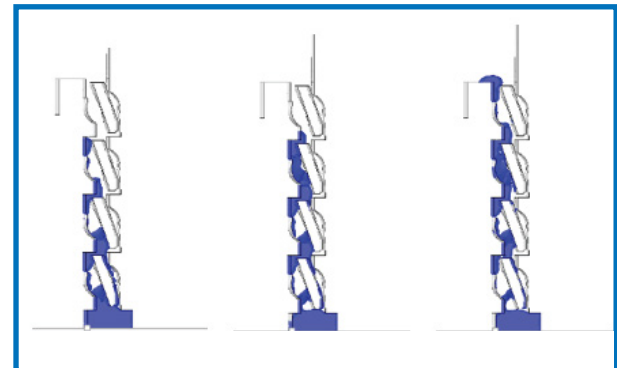
The conical geometry of our new cage design creates a pumping effect allowing for improved oil flow in stacked bearing applications, as shown in these model simulation graphics below.

NOTE: These test simulation models and times are presented for reference only. *



T = 1 sec. 3 sec. 5 sec.

7220B-5 Four-Stack Arrangement



1 sec. 3 sec. 5 sec.

7220B-5DW Four Stack Arrangement

* For available sizes, pricing and to discuss your particular application, please contact your Koyo representative or Authorized Koyo Distributor