

## 250 Centrifugal Pump Features

### 250 Heavy Duty Pedestal

The 250 pumps are manufactured with a heavy-duty frame to withstand piping loads. The frame is manufactured from cast iron for high strength and durability.



### 250 Casing

The pump housing has been beefed up in critical wear areas for extra life. The concentric housing eliminates vibration, turbulence and cavitation and reduces bearing load and shaft deflection.



### 250 Impeller (Open Vane Design)

Open Vane Impeller Design is engineered to reduce turbulence, eliminate recirculation, lower thrust loads and provide a smooth flow of fluid through the pump.



### 250 Impeller (Semi-Open Vane)

Style also carries semi-open vane impeller: in the 5x6, 6x8 and 8x10 sizes.



### The 250 Wear Pads

The housing comes with replaceable wear pads in sizes from 3x4x13 inches thru 8x10x14 inches. This feature reduces the maintenance costs of housing replacement by merely replacing the wear pads.



### 250 Shearing Ring

Shearing Ring MCM offers a shearing ring option to convert a regular 250 series pump into a shearing pump for mud application.

Dupagro  
Ooststeeg 102  
6708 AX Wageningen  
The Netherlands

Phone +31 (0) 317 840 197  
Mobile +31 (0) 613 63 55 13  
[info@dupagro.nl](mailto:info@dupagro.nl)  
[www.dupagro.nl](http://www.dupagro.nl)

### 250 Mechanical Seals

One of the finest mechanical seals on the market whether it be tungsten-tungsten, tungsten-silicone or silicone-carbide. They come with highly polished sealing face, with viton bellows and stainless steel springs.



### 250 Pump Bearings

For these pumps nothing but the best and the finest American SKF bearings in its pumps. The outboard bearing assembly consist of a pair of angular contact bearings with high thrust load ratings and zero end play. The heavy duty inboard bearing is a double row ball bearing with high radial load ratings to compensate for the larger size impellers and heavy duty applications.



### Labyrinth Seals (Optional)

Labyrinth seals by customer request in all its pumps to isolate the bearing from harmful contaminants while keeping bearing lubricated.



### 250 Shaft

The shaft is manufactured from the highest quality steel. Designed to transmit the maximum torque with minimum shaft deflection.



### 250 Shaft Sleeve

The shaft sleeve is manufactured from 416 stainless steel and ceramic coated for extra life. The sleeve is designed to protect the shaft from abrasive fluids.

### 250 Stuffing Box

Stuffing Box cover is designed to combine the functions of the wear plate and stuffing box of conventional pumps into one piece replaceable unit. The stuffing box cover is available in two styles: for mechanical seals or for regular packing.

