### **Renold POM Series**

# **Kernel Expellar & EFB Press Drive**



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### **Palm Oil Mill Solutions**

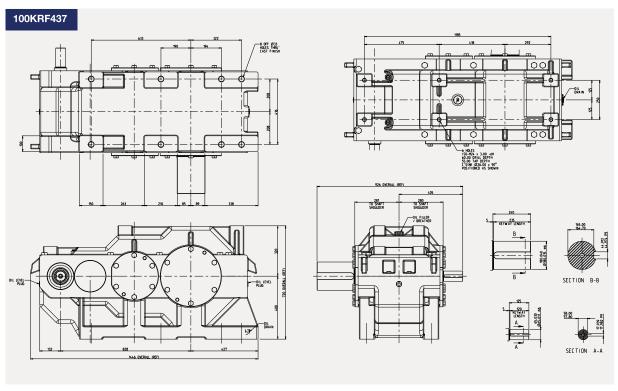
Renold is renowned for the supply of heavy-duty products designed to meet the demanding requirements of the Palm Oil industry.

Renold Malaysia has been supplying Palm Oil Mill Conveyor Chain for many years into the South East Asian Palm Oil market and has a strong local presence in the industry. Chain assembly takes place at our advanced facility in Kuala Lumpur and our offices throughout Malaysia and Indonesia provide technical sales and service support.

We have now extended our offering with the launch of a new range of Palm Oil mill gearboxes designed specifically to drive Empty Fruit Bunch Presses and Kernel Expellar Drives.

Renold is your complete supplier for Palm Oil Mill product and with comprehensive control and inspection reports for all components you can be assured that our market leading Palm Oil Mill products are safe and reliable in this demanding industry.

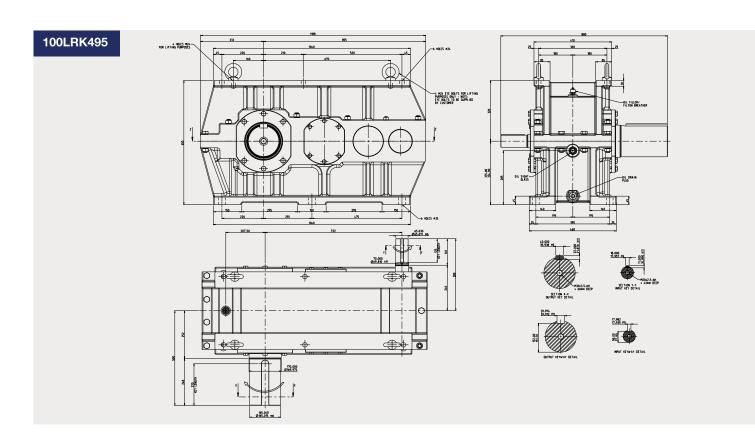
### **Specifications**

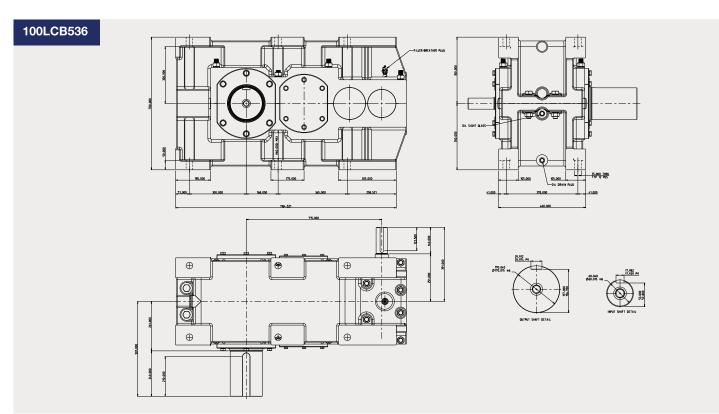


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# **Specifications**

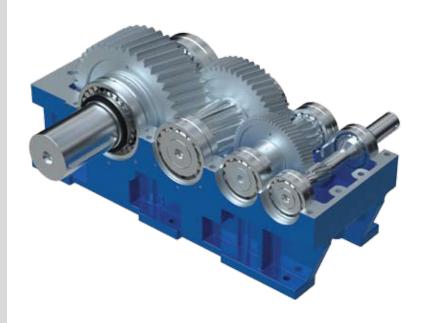






## **Specifications**

- Close grain cast iron gear case
- Taper and spherical roller bearings
- Solid bearing covers
- Case hardened and profile ground helical gears
- High strength extension output shaft



Gear unit	100LRK495	100LCB536	100KRF437
Power rating	140 kW	140 kW	181 kW
Rated torque	74,000 Nm	74,000 Nm	91,300 Nm
Gear ratio (Nominal)	56:1	56:1	56:1
Rated speed	1000 rpm	1000 rpm	1000 rpm
Output speed	18 rpm	18 rpm	18 rpm
Input shaft radial load	16500 N	16500 N	18100 N
Output shaft radial load	140000 N	140000 N	195000 N
Weight	1015 kg	1015 kg	1664 kg
Shaft centre distance	722 mm	715 mm	828 mm
Output shaft diameter	165 mm	170 mm	180mm
Input shaft diameter	65 mm	60 mm	65 mm
Oil quantity	65 L	65 L	100 L



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