



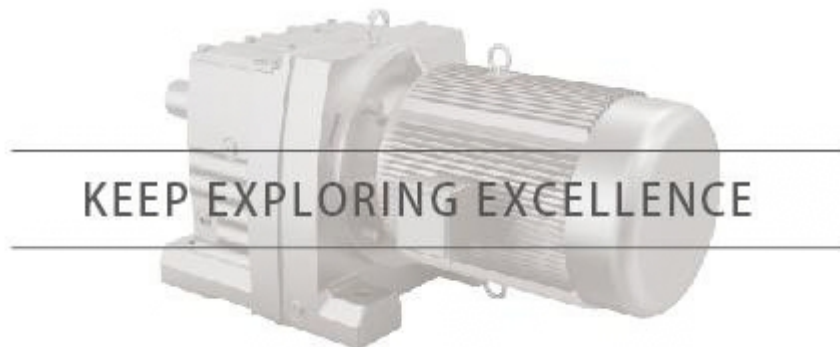
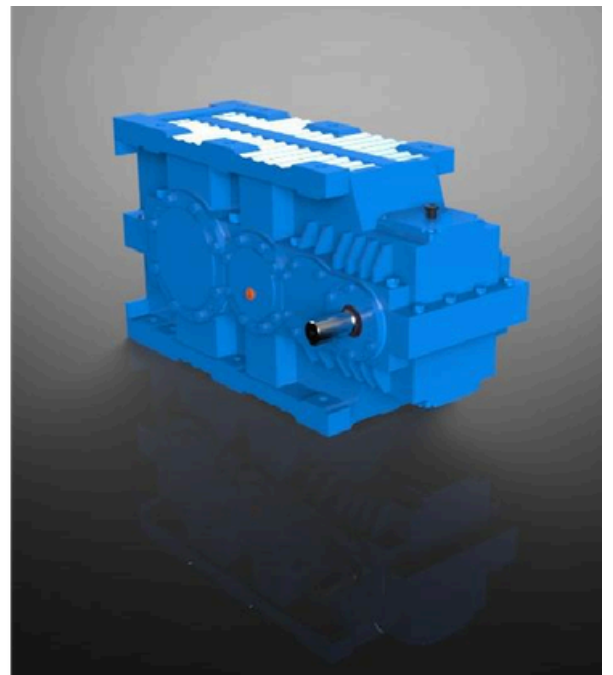
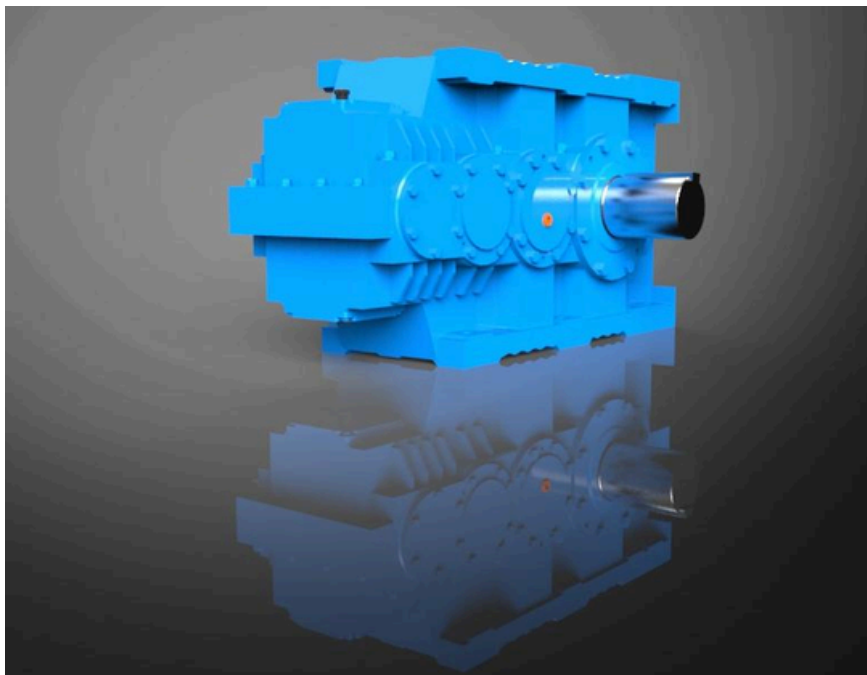
IMECHANICS



KEEP EXPLORING EXCELLENCE

IMECHANICS CO.,LTD

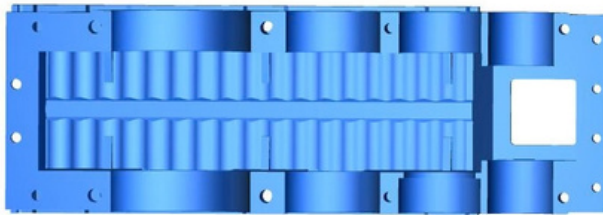
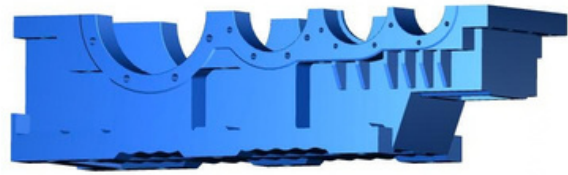
PALM OIL GEARBOX



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★ Stiffener

Strong construction design
Better heat dissipation design

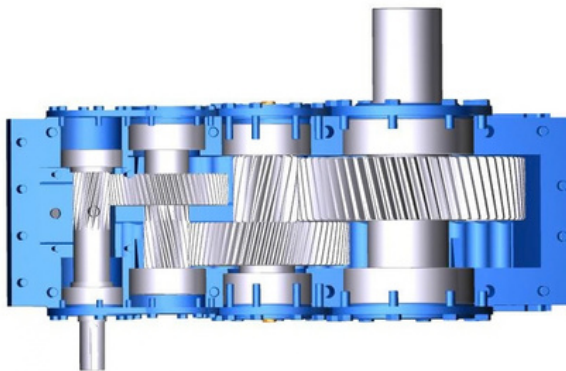
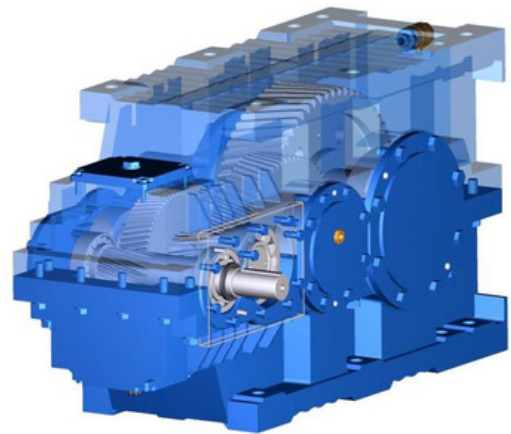


★ Wave bottom design

Absorb the noise
Better heat dissipation design

★ Double lip Seal stiffener

Both input and output shaft
use double lip seal.

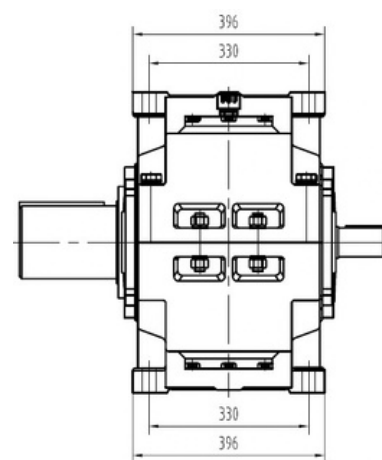
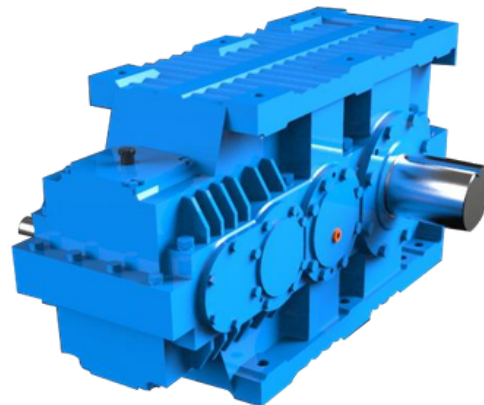
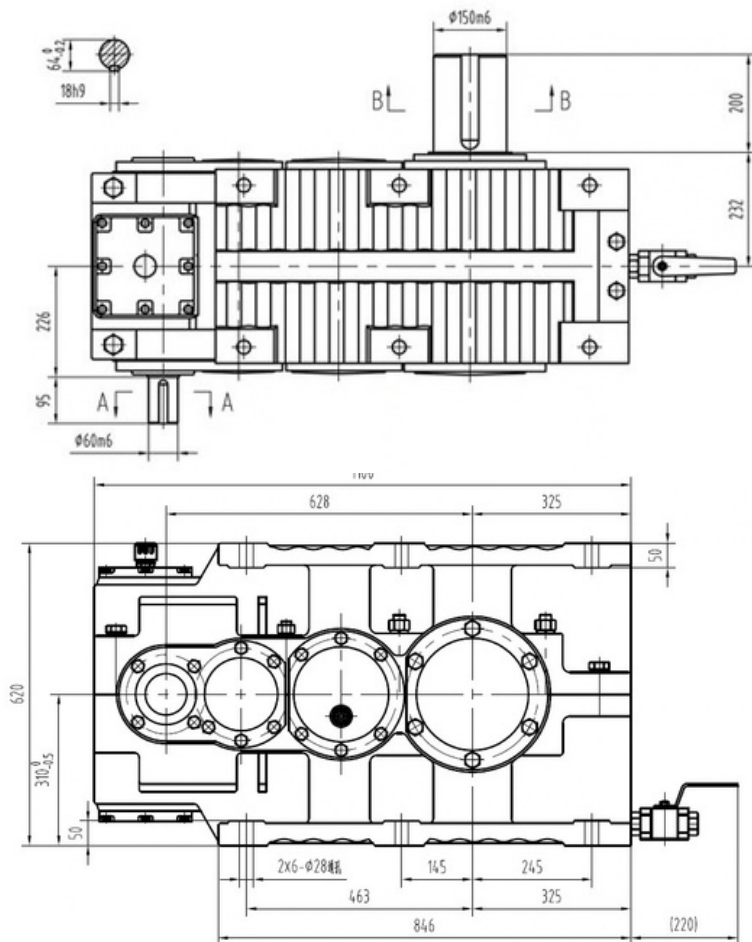


★ Better gear design

Make the gears wider
Add the gear modulus

Gear	20CrNi2MoA
Bearing	SKF (Input Shaft) ZWZ (Other stages)
Oil Seal	NOK (Double-lip oil seal)
Housing	HT250
Output shaft	42CrMo

AP Series Screw Presser Gearbox



Oil Drainage



Oil Glass



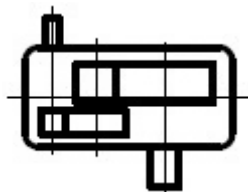
Oil filler



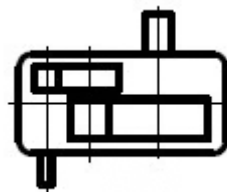
Visual Inspection



Breather



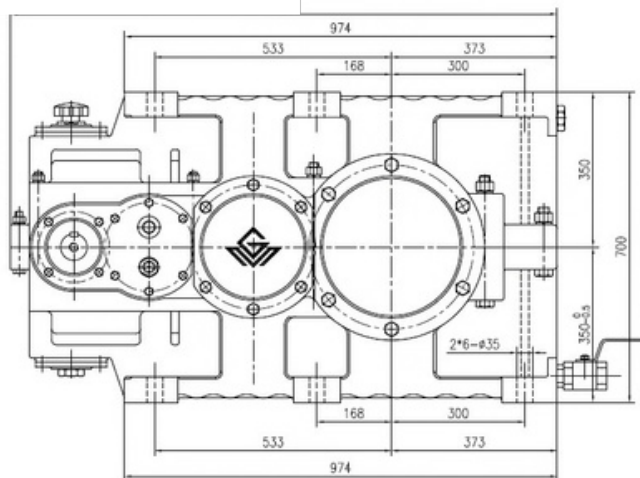
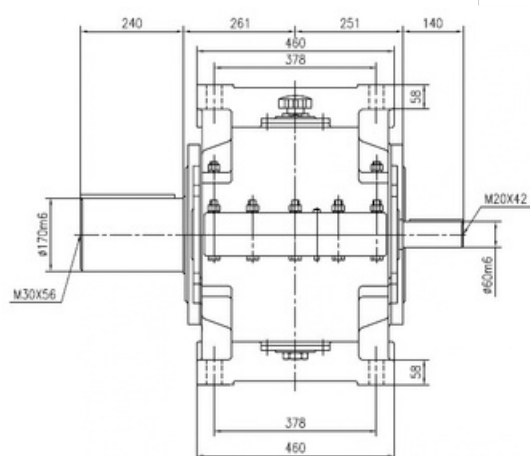
M1 Shaft Position



M2 Shaft Position

Technical datas					
Gear Unit	Exact Ratio	Speed (RPM)	Rated Power (kW)	Mechanical torque rating (kNm)	Weight (KGS)
		n1/n2			
AP3SH10	55.222	750/13.6	66	48	820
		1000/18.1	88		
		1500/27.2	132		
		1800/32.6	158		

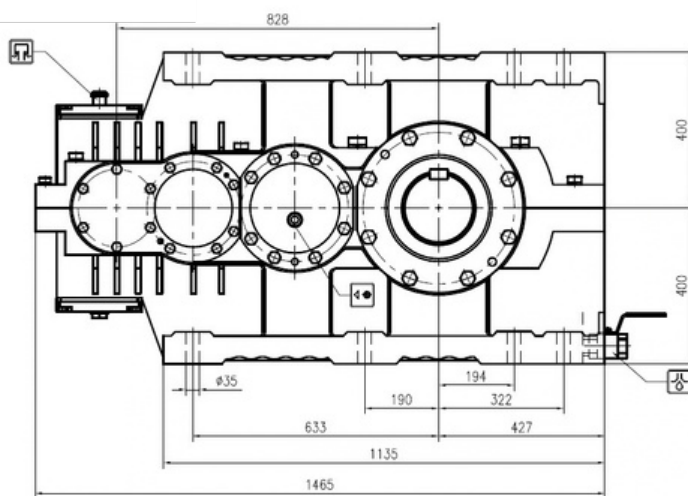
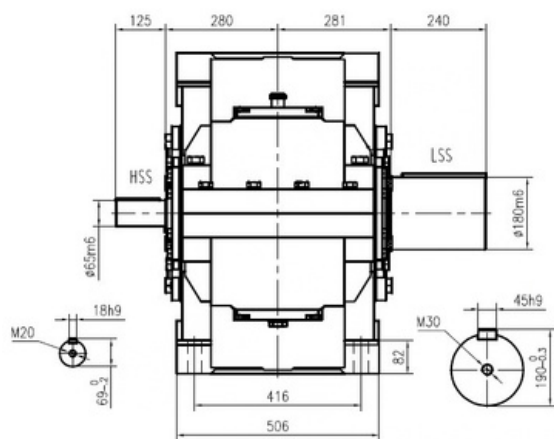
IMC3SH11 Gearbox



Technical datas

Gear Unit	Exact Ratio	Speed (RPM)	Rated Power (kW)	Mechanical torque rating (kNm)	Weight (KGS)
		n1/n2			
AP3SH11	55.222	1000/18.1	139	74	1210
		1500/27.2	208		

IMC3SH13 Gearbox



Technical datas

Technical datas					
Gear Unit	Exact Ratio	Speed (RPM)	Rated Power (kW)	Mechanical torque rating	Weight (KGS)
		n1/n2		(kNm)	
AP3SH13	56	750/13.2	141	102	1850
		1000/17.6	188		
		1500/26.4	282		
	20	750/37.5	395	100	
		1000/50	526		
		1500/75	786		