

Specification And Configurations Of Conventional Beam Pumping Units

Model		C456D-305-144TH
Basic Parameters	Rated Polish Rod Capacity (lbs)	30,500
	Stroke Length (in)	144/123/101
	Max. Stroke Frequency (r/min)	5
	Balanced Type	Crank
	Crank Direction	Counter Clock Wise
Gear Reducer	Rated Torque(in.lbs)	4,56,000
	Model	456D
	Gear Type	involute herring-Bone Gear
	Reducing Ratio	28.255
	Center Range (in)	39.37
	Center Height (in)	25.59
	Oil Storage quantity (U.S. Gal)	100
	Pulley Diameter(in)	45"
	Sheave groove type	5C
Balance Assembly	Weight of Cranks (Lbs)	3630×2
	Counterweight	4 Pcs
	Stroke Length (in) Max	144
Wire Line	Type	Φ32(6*37+IWR-1770 MPa)
	Length (in)	400
	Structure Unbalance (lbs)	234
	Overall Dimensions L*W*H (in)	440.16×109.37×344.3
Bearing Type	Crank Pin	22328C
	Tail Bearing	22336C
	Center Bearing	NJ2334
Sealing Ring	Wrist Pin	130×160×12
	Tail Bearing	160×190×15
	Center Bearing	170×200×15
Reducer Bearing	Output Shaft	Bearing 22244CA
	Intermediate Shaft	Bearing NU2326M
	High Speed Shaft	Bearing NU2322M