

**MATERIALS of CONSTRUCTION****Models  
NGH100**

	<b>Standard</b>	<b>Optional</b>
Cylinder, Head	Ductile Iron 6512, ASTM A536	
Adaptor, Distance Piece and Crosshead Guide	Ductile Iron 6512, ASTM A536	
Connecting Rod	Ductile Iron 6018, ASTM A536	
Crosshead	Ductile Iron 6512, ASTM A536	
Crankshaft	Forged Steel	
Pistons	6.00" – Aluminum 3.25" – Ductile Iron 6512	
Bearing Carrier	Gray Iron, ASTM A48	
Crankcase	Ductile Iron 6512, ASTM A536	
Inspection Cover	Steel	
Valve Seats, Stops	Stainless Steel	
Valve Springs	Stainless Steel	
Valve Plates	PEEK	
Valve Covers, Cages, Gaskets	Steel	
Piston Rods	Steel, Nitrided, 22 Rc	
Packing Box	Steel	
Wrist Pin	Hardened Steel	
Piston Rings	PEEK	
Rod Packing	TruTech 3300	
Bearings, Crank	Steel Tapered Roller	
Bearings, Rod	Aluminum Lined Steel Backed	
Bearing, Wrist Pin	Steel Needle Bearing	
Metal Gaskets	Iron, Steel, Aluminum	
Other Gaskets	Fiber, Garlock 3000	
O-rings	FKM	Buna-N, PTFE, Neoprene Ethylene-Propylene

## CONNECTION SIZES and TYPES

All Connections are Flange Type except those marked 'Tapped'

Model		Standard	Optional
<b>NGH100 6" Cylinder</b>	Inlet	3" ANSI Compatible 300#	
	Outlet	3" ANSI Compatible 300#	
<b>NGH100 3.25" Cylinder</b>	Inlet	1.5" ANSI Compatible 900#	
	Outlet	1.5" ANSI Compatible 900#	