



HCP CENTRIFUGAL PUMP

Global Drilling Solutions Inc offers a broad range of centrifugal pumps with high performance features like: heavy-walled construction and wide vane impellers for enhanced slurry handling capability. Heavy duty ball bearings in the power end provide the load carrying capability to operate under the high loads generated by weighted drilling mud and stimulation fluids.



The HCP centrifugal pump designs have proved to be among the best for handling abrasive cements and drilling fluids. They are available in wear-resistant materials compatible with the diverse applications of the oil and gas industry. The HCP centrifugal pumps are available from a few gallons per minute to over two thousands five hundred gallons per minute. When downtime is critical, it is good to know that the HCP centrifugal pump is dimensionally 100% interchangeable with most centrifugal mud pumps in service today.

The HCP centrifugal pump also incorporates a full open impeller design which maximizes flow through the impeller reducing the axial load to the bearings. The entry curvature of the impeller vanes also helps the fluid to make a smoother transition into the casing of the pump. This smooth flow transition is essential when abrasive fluids and weighted drilling mud.

The following models are available:

Model	10 × 8 × 14	8 × 6 × 14	8 × 6 × 11	6 × 5 × 14	6 × 5 × 11	5 × 4 × 14	4 × 3 × 13	3 × 2 × 13
Capacity	1,320gpm	1,057 gpm	968gpm	881 gpm	792gpm	660gpm	264 gpm	220 gpm
Head	92~108ft	108~115ft	92~108ft	108~115ft	92~108ft	92~108ft	85~105ft	85~105ft
Efficiency	65%	65%	65%	65%	65%	65%	65%	65%
Power	100/120HP	60/75/100HP	60/75HP	50/60/75HP	40/50HP	25/50HP	15/20HP	10/15/HP
RPM	1450~1780	1450~1780	1450~1780	1450~1780	1450-1780	1450-1780	1450/1750	1450/1750
Inlet diameter	10"	8"	8"	6"	6"	5"	4"	3"
Outlet diameter	8"	6"	6"	5"	5"	4"	3"	2"
Weight	705lbs	595 lbs	595lbs	529 lbs	529lbs	529lbs	445 lbs	432 lbs

