

Centrifugal Pumps



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The RIG OIL LLC centrifugal pump units are designed to charge desanders, desilters, mud mixing operations, super charging and fresh water transfer. Careful selection and installation of the correct RIG OIL LLC centrifugal pump will result in a unit that will provide long lasting and dependable service.

Pump selection

To insure proper pump selection, the following information is required:

1. Type of operation to be performed (We recommend only one pump for one operation).
2. Amount of head and volume required for the operation.
3. Type of driver desired (electric or engine).
4. Specific gravity or weight of fluid to be handled.
5. Total head loss due to friction plus the total net lift above the mud level suction is taken from. (We may be of assistance in calculating this requirement if you have the specific information.)

DIM SCHEDULE	40HP	50HP	60HP	75HP	COMMENT
A	72	72	72	72	OVERALL LENGTH
B	30.75	30.75	30.75	30.75	OVERALL WIDTH
C	24	24	27.25	27.25	OVERALL HEIGHT
D	13	13	13	13	INLET HEIGHT
E	13.625	13.625	15	15	
F	16.5	16.5	16.5	16.5	PUMP MOUNT
G	20.078	20.078	18.953	18.953	
H	10.5	12	11.25	12.25	MOTOR MOUNT
J	11.297	9.797	10.297	9.297	
K	12	12	12	12	
L	3	3	3	3	
M	1	1	0	0	
N	5.75	5.75	6.25	6.25	
O	6	6	8.375	8.375	
P	11	11	14.25	14.25	
Q	9	9	9	9	
R	4	4	4	4	
S	8	8	9	9	
T	36.75	36.75	37.875	37.875	PUMP LENGTH
U	27.75	27.75	28.75	28.75	MOTOR LENGTH
V	0.328	29.25	0.328	0.328	SHAFT CLEARANCE
W	64.828	64.828	66.953	66.953	PUMP MOTOR
X	11	66.328	12.375	12.375	
Y	2.625	2.625	2.625	2.625	
Z	5.095	5.095	2.422	2.422	
AA	12.5	3.047	14	14	MOTOR MOUNT
BB	7	7	7	7	PUMP MOUNT
CC	0.6875	0.6875	0.6875	0.6875	MOTOR BOLTS

