



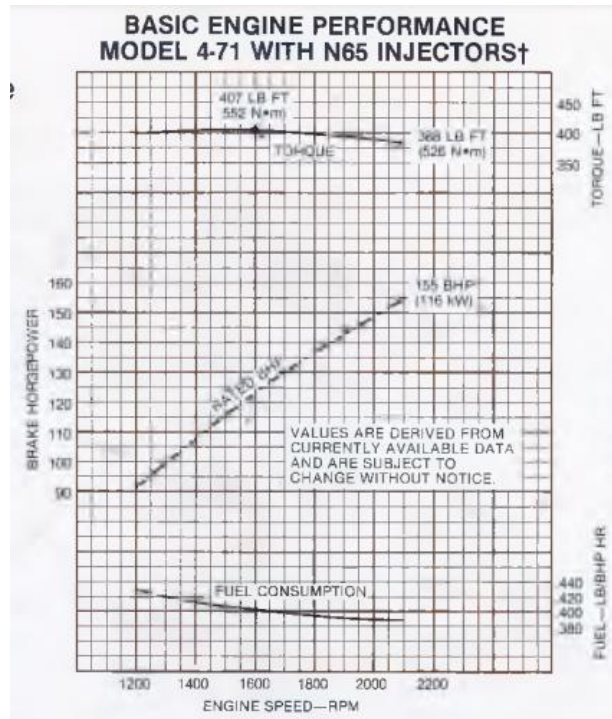
OCS owned grout pump is a skid mounted pumping unit. Grout pump is the most important equipment in a free span correction spread. The power train used for this pump is a Detroit 4-71 diesel driven 2 stroke engine. The Engine features a 4 valve cylinder head and SW-LS governor, Non Turbo and the Exhaust and starter is on the left while the blower and governor is on the Right with Right hand rotation.

The 4-71 engine has a displacement of 284 cubic inches producing 95BHP (71KW) @1200rpm and up to 160BHP (120KW) @ 2100rpm. To prevent overstressing the engine, it is usually run at 1200rpm. The fuel consumption rate varies from 4USG/hr @1200rpm to 6 USG/hr @2100rpm

SPECIFICATIONS			
Power Train	Detroit Diesel Series GM 4-71 N65 Injectors	Fluid End Pump Model	Magnum Centrifugal Pump 250X
Engine Type	2 Stroke	Impeller Diameter	14" RH
Number of Cylinders	4	Temperature Range	-20°C to +65°C
Power Output	95BHP (71kw) @1200rpm	Pump Size	5 x 6 x 14
Gross Power Output	155 BHP (116kw) @ 2100rpm	Flow Rating	20m ³ /hr
Peak Torque	407 lb ft(552N.M) @ 1600rpm	Pump Inlet	4" WECO Fig 100
Compression Ratio	18.7 : 1	Pump Outlet	3" Victaulic
Skid Framing	3000 x 1000 x 1800mm		
Weight	2MT		
No of Units	1		

The pump skids (3000 x 1000 x 1800mm x 2MT) have been designed to comply with DNV criteria (DNV 2.7-3) for offshore portable equipment lifting operations.

GROUTING PUMP FREESPAN CORRECTION



250 SERIES

5 x 6 x 14 800-1800 RPM

