NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HSTD21 @1480 R.P.M

6HSTD21/Y/311754

PUMPSENSE

HST RANGE

MODEL 6HSTD21	WORKING PRESS.	26 bar
SIZE 200x150-540	TEST PRESS.	39 bar

TYPE-AXIALLY SPLIT CASE TWO STAGE

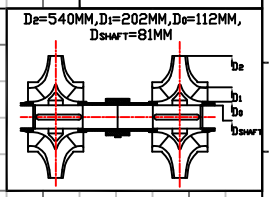
SPEED 1480 rpm

DATE – 15.05.18

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE

PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

Max. Impeller Dia.	540mm
Min. Impeller Dia.	430mm
Impeller Drg. No.	317G130P
Volute Drg. No.	317G110P
Hydraulic Data	
Eye Area 444cm²	Throat Area 97cm²
Impeller Width 28mm	No. of Vanes 8
Volute Construction – Two Single Volute	
Shaft : Gr-5S	



HEAD (M) / HEAD (FT)

Minimum Continuous Flow

540mm: 61, 68, 74, 78, 80, 81

495mm: 81.5

460mm: 81

430mm: 80, 78, 74

LPS: 0 40 80 120 160 200 240 280

M³/Hr: 0 100 200 300 400 500 600 700 800 900 1000

NPSHr (M) (FT): 8 24, 6 18, 4 12, 2 6, 0 0

B.E.P Flow	695 M³/Hr.
Head	171 M
Speed	1480 R.P.M
Ns : 1195 US UNITS	

POWER (kW) / POWER (HP)

540mm

495mm

460mm

430mm

LPS: 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280

M³/Hr: 0 100 200 300 400 500 600 700 800 900 1000

USGPM: 0 400 800 1200 1600 2000 2400 2800 3200 3600 4000 4400

B.E.P

1480 RPM