

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HST19 @1480 R.P.M

6HST19/X/301654

FISHER PUMP

HST RANGE

MODEL 6HST19

WORKING PRESS. 20 bar

SIZE 200x150-484

TEST PRESS. 30 bar

TYPE-AXIALLY SPLIT CASE TWO STAGE

SPEED 1480 rpm

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

DATE - 10.12.14

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

HEAD
(M)

Max. Impeller Dia. 484mm

Min. Impeller Dia. 400mm

Impeller Drg. No. 316G030P

Volute Drg. No. 316G010P

Hydraulic Data

Eye Area 297cm²

Throat Area 90.8cm²

Impeller Width 28mm

No. of Vanes 6

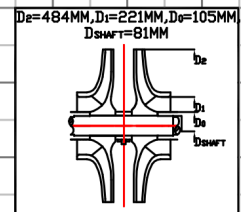
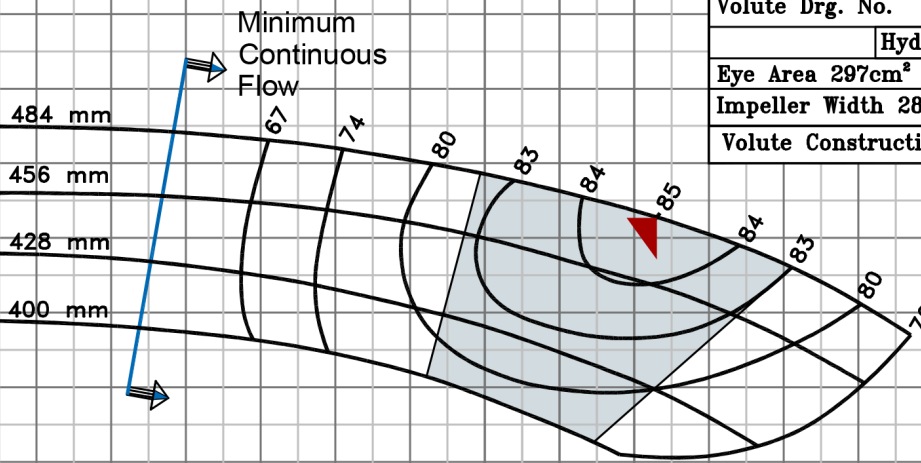
Volute Construction - Two Single Volute

Shaft Gr.- 4S

HEAD
(FT)

170
150
130
110
90
70
50

600
525
450
375
300
225
150



B.E.P Flow	500 M ³ /Hr.
B.E.P Head	135 M
Speed	1480 R.P.M
Ns : 1210 US UNITS	

NPSH_r
(M) (FT)

10 - 30
5 - 15
0 - 0

POWER
(kW)

POWER
(HP)

300
250
200
150
100
50
0

375
300
225
150
75
0

0 30 60 90 120 150 180 210 LPS
0 100 200 300 400 500 600 700 800 M³/HR
0 400 800 1200 1600 2000 2400 2800 3200 3600 USGPM



1480 RPM