NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B PERFORMANCE CURVE OF 3HST12 @1460 R.P.M 3HST12/Y/300454 MODEL 3HST12 WORKING PRESS 16 bar **FISHER PUMP** SIZE 100x80-306 TEST PRESS. HST RANGE TYPE-AXIALLY SPLIT CASE TWO STAGE SPEED 1460 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 310mm Max. Impeller Dia. HEAD (M) <u> HEA</u>D Min. Impeller Dia. 230mm (FT) Impeller Drg. No. 304G030P Volute drg. No. 304G010P 70 310mm Hydraulic Data 220 Eye Area 117cm² Throat Area 322cm² Impeller width 19mm No. of Vanes 6 Volute Construction - Two Single Volutes 200 60 Shaft :Gr-1.5S 180 50 160 140 40 120 100 30 80 20 60 20 5 30 M³/Hr 20 0 30 40 60 80 10 130 100 NPSHR (m) (ft) 80 12 60 9 40 2 6 20 0 POWĘR **POWER** (HP) (kw) -35 25 -30 20 310mm -25 15 -20 -15 10 -10 5 5 ٥٥ 10 15 5 20 25 30 35 40 LPS Ó 10 20 30 40 50 60 70 80 90 100 110 120 130 140 M³/Hr ò 50 100 250 300 350 400 450 500 **USGPM** 150 200 550 600

B.E.P