NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B PERFORMANCE CURVE OF 18HS30 @980 R.P.M 18HS30/X/106256 WORKING PRESS 10 bar MODEL 18HS30 PUMPSENSE SIZE 500x450-750 TEST PRESS. 15 bar <u>HS RANGE</u> TYPE-AXIALLY SPLIT CASE SINGLE STAGE SPEED 980 rpm DATE - 06.10.2022 SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE HEAD PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0 (M) Max. Impeller Dia. 750mm HEAD (FT) 90 Min. Impeller Dia. 670mm Impeller Drg. No. 162G030P 750mm Volute Drg. No. | 162G010P -280 7075 80 82 84 86 Hydraulic Data Eye Area 1809cm² Throat Area 500cm² 80 725mm -260 Impeller Width 100mm No. of Vane 6 88 Volute Construction - Double Volute Shaft: Gr-7 89 240 692mm 88 70 Dz=750MM,D1=368MM,D0=142MM, DSHAFT=111MM 86 220 þa 670mm 84 Ъı 200 Do. DSHAFT 60 82 -180 80 Minimum 75 50 Continuous -160 Flow -140 40 -120 200 400 600 800 1000 1200 1000 M³/Hr 500 1500 2000 250 3500 4000 3000 NP\$Hr 2735 M³/Hr. B.E.P Flow (M) (FT) B.E.P Head 72 M Speed 980 R.P.M Ns: 1785 US UNITS 45 10 30 15 POWER O **POWER** (HP) (kW) 1200 800 - 1000 750mm 600 800 - 725mm 692mm 600 670mm 400 400 200 200 200 600 800 1000 1200 400 n LPS 500 1000 1500 2000 2500 3000 3500 4000 M³/Hr 2000 4000 6000 8000 10000 12000 14000 16000 18000 **USGPM** B.E.P