

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 12HS13 @980 R.P.M

12HS13/X/103956



HS RANGE

MODEL 12HS13

WORKING PRESS. 16 bar

SIZE 350x300-325

TEST PRESS. 24 bar

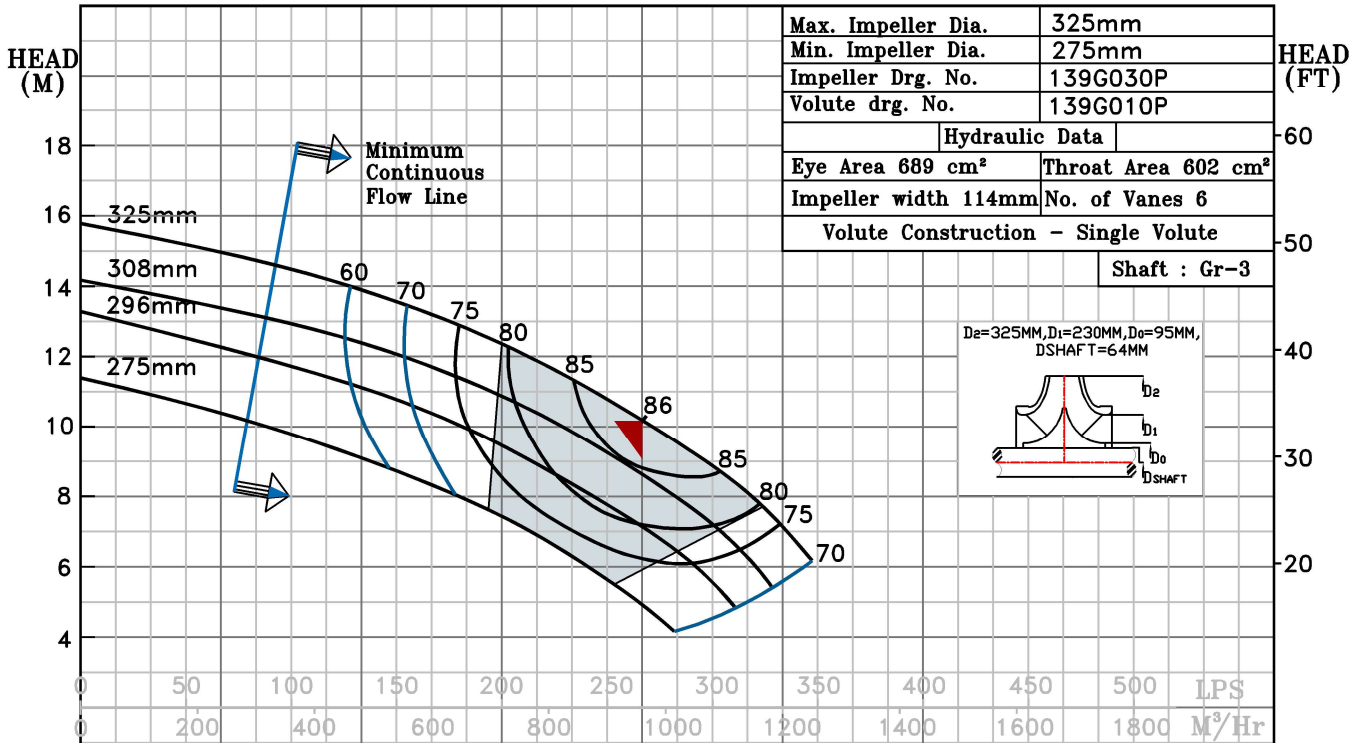
TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 980 rpm

DATE - 06.10.2022

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

PERFORMANCE CHARACTERISTICS BASED UPON CLEAN COLD WATER - ADD 0.5m TO NPSHR FOR SAFETY

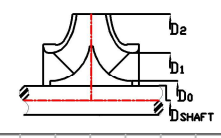


| | |
|--------------------|----------|
| Max. Impeller Dia. | 325mm |
| Min. Impeller Dia. | 275mm |
| Impeller Drg. No. | 139G030P |
| Volute drg. No. | 139G010P |

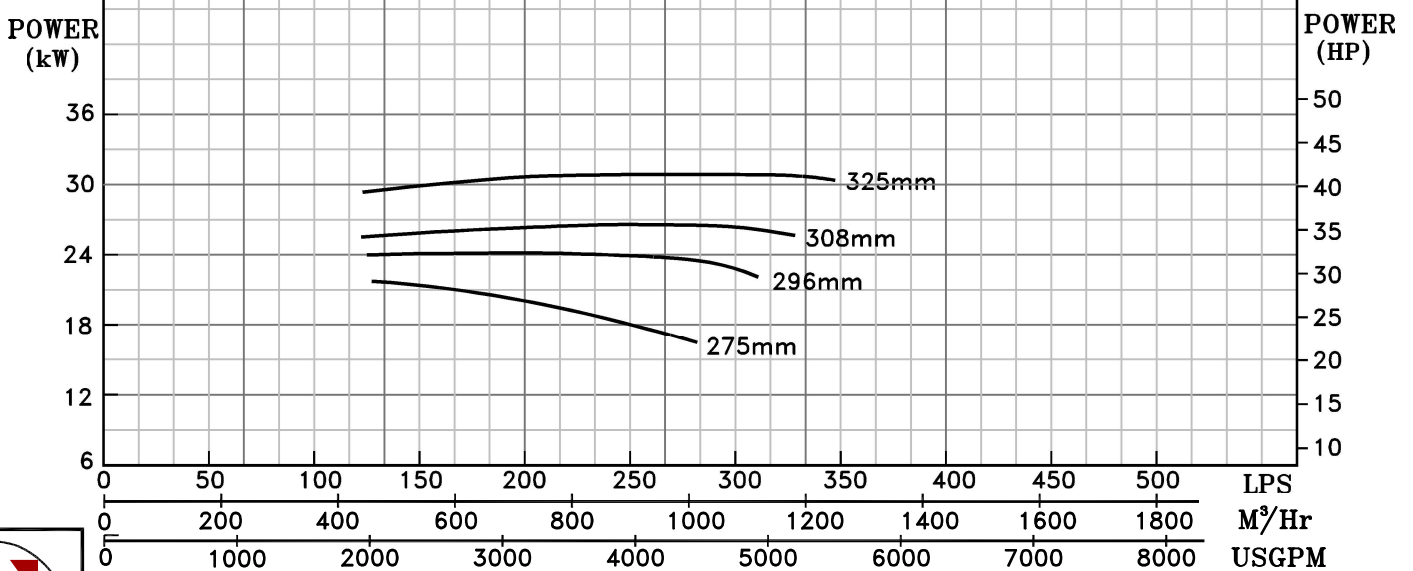
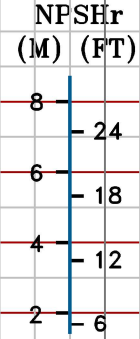
| Hydraulic Data | |
|-------------------------------------|---------------------------------|
| Eye Area 689 cm ² | Throat Area 602 cm ² |
| Impeller width 114mm | No. of Vanes 6 |
| Volute Construction - Single Volute | |

Shaft : Gr-3

D₂=325MM, D₁=230MM, D₀=95MM,
D_{SHAFT}=64MM



| | |
|--------------------|---------------------------|
| B.E.P Flow | 959.4 M ³ /Hr. |
| B.E.P Head | 10.12 M |
| Speed | 980 R.P.M |
| Ns : 4603 US UNITS | |



980 RPM