

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 20HS19 @980 R.P.M

20HS19/X/106356



HS RANGE

MODEL 20HS19	WORKING PRESS	10 bar
SIZE 600x500-480	TEST PRESS.	15 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 rpm
		DATE - 06.10.2022

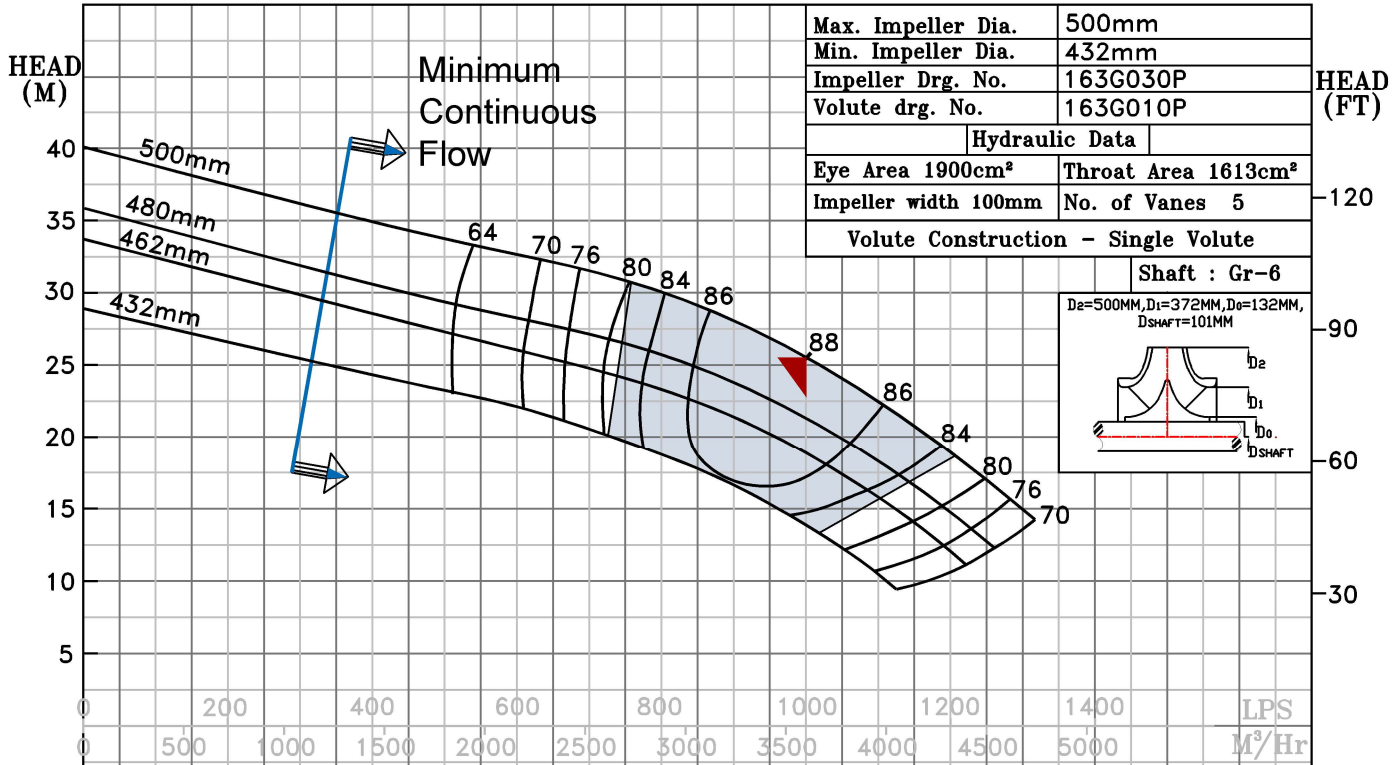
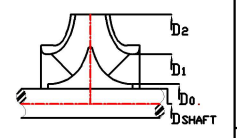
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE

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

Max. Impeller Dia.	500mm
Min. Impeller Dia.	432mm
Impeller Drg. No.	163G030P
Volute drg. No.	163G010P
Hydraulic Data	
Eye Area 1900cm ²	Throat Area 1613cm ²
Impeller width 100mm	No. of Vanes 5
Volute Construction - Single Volute	

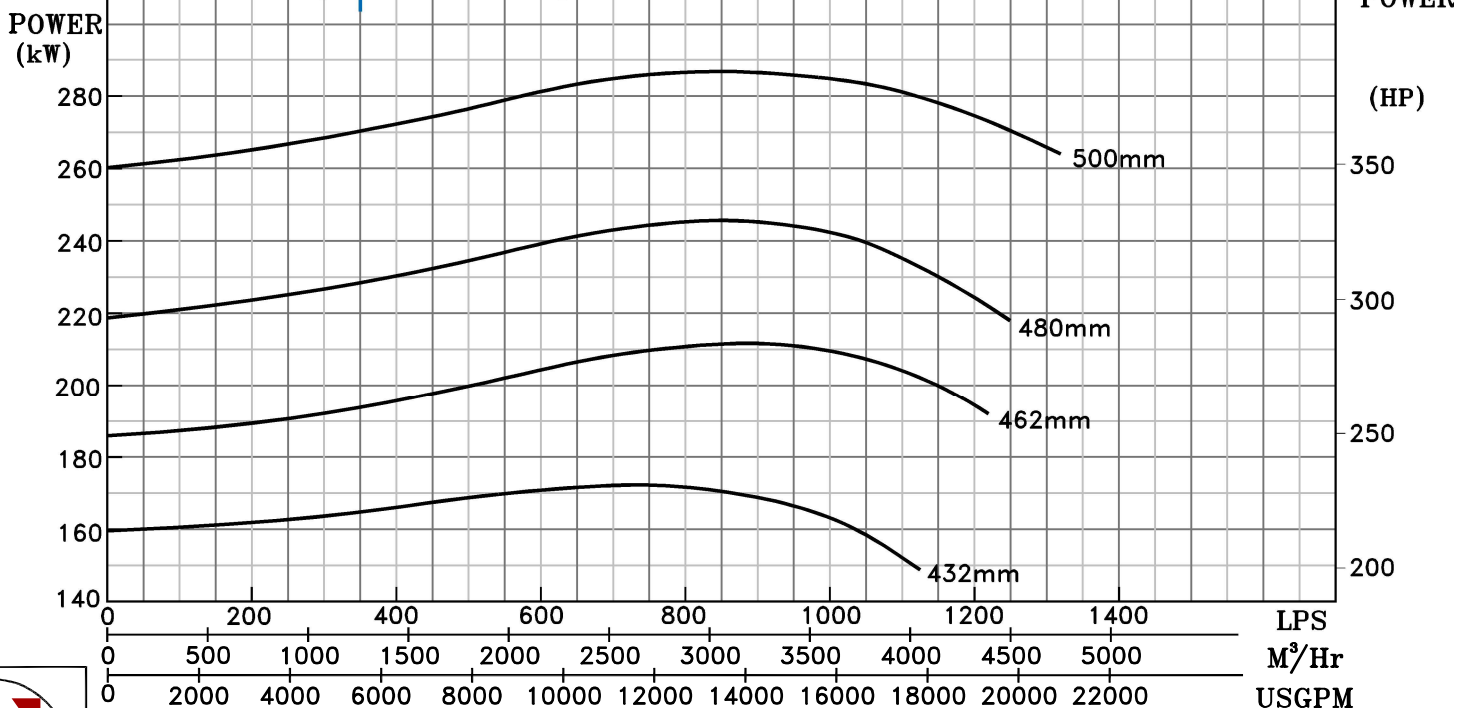
Shaft : Gr-6

D₂=500MM, D₁=372MM, D₆=132MM, D_{SHAFT}=101MM



NPSHr	
(M)	(FT)
12	40
10	35
8	30
6	20

B.E.P Flow	3600 M ³ /Hr.
B.E.P Head	25.5 M
Speed	980 R.P.M
Ns	4461 US UNITS



980 RPM