

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 12HS18 @1780 R.P.M

12HS18/Y/104264

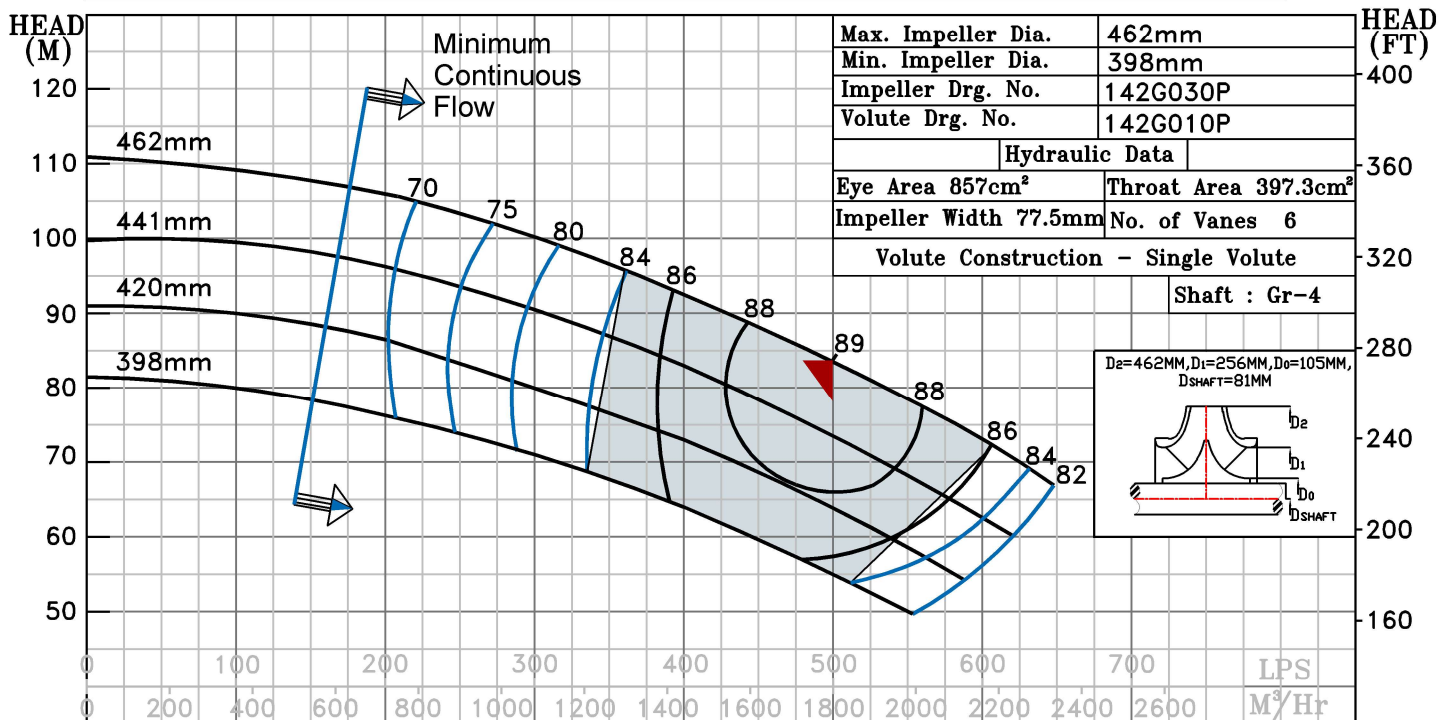


HS RANGE

MODEL	12HS18	WORKING PRESS.	16 bar
SIZE	350x300-462	TEST PRESS.	24 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED	1780 rpm
		DATE	- 06.10.2022

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

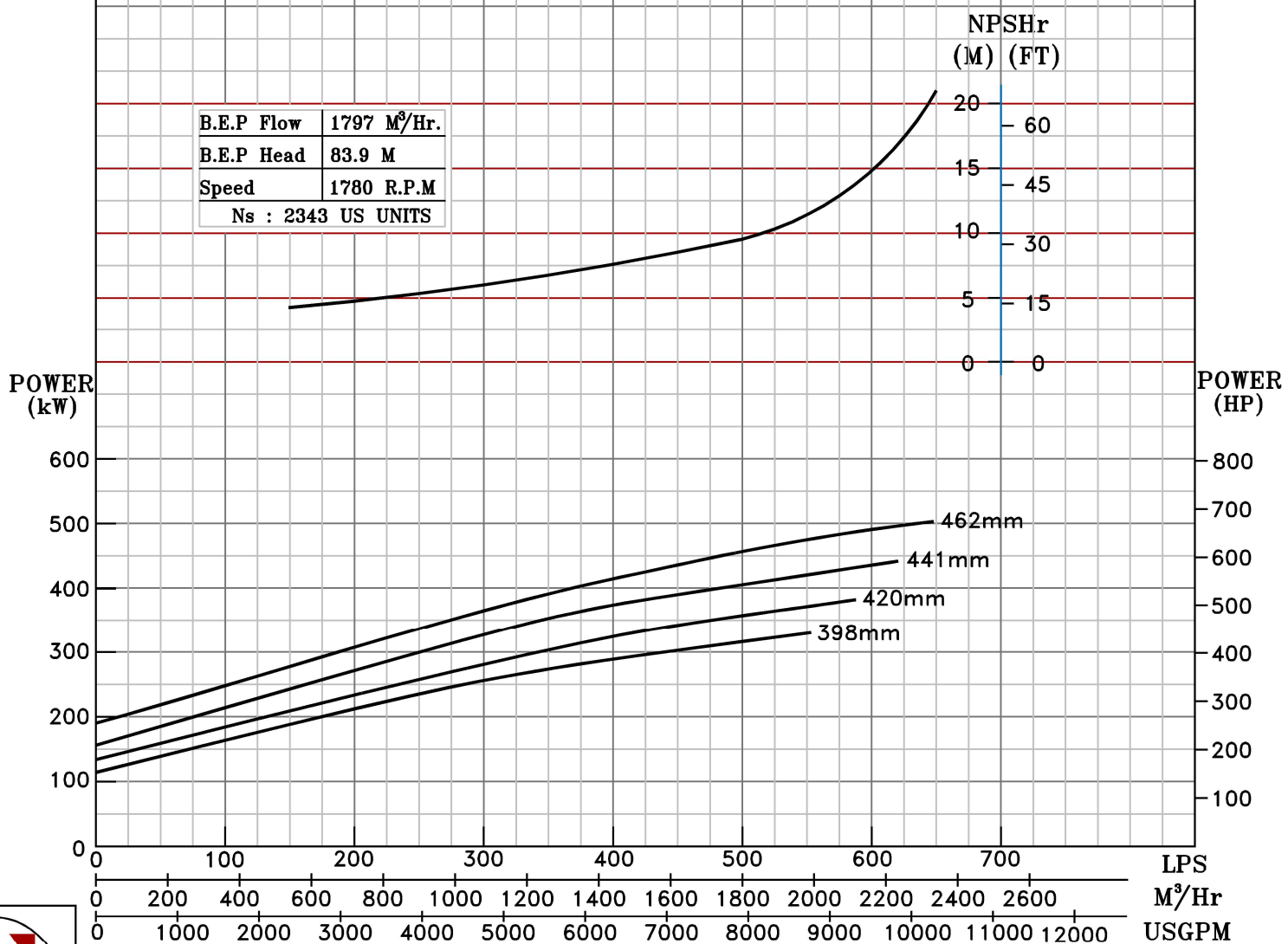
PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



Max. Impeller Dia.	462mm
Min. Impeller Dia.	398mm
Impeller Drg. No.	142G030P
Volute Drg. No.	142G010P

Hydraulic Data	
Eye Area 857cm <sup>2</sup>	Throat Area 397.3cm <sup>2</sup>
Impeller Width 77.5mm	No. of Vanes 6
Volute Construction - Single Volute	
Shaft : Gr-4	

B.E.P Flow	1797 M <sup>3</sup> /Hr.
B.E.P Head	83.9 M
Speed	1780 R.P.M
Ns	: 2343 US UNITS



1780 RPM