

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HS12 @1480 R.P.M

6HS12/X/101754

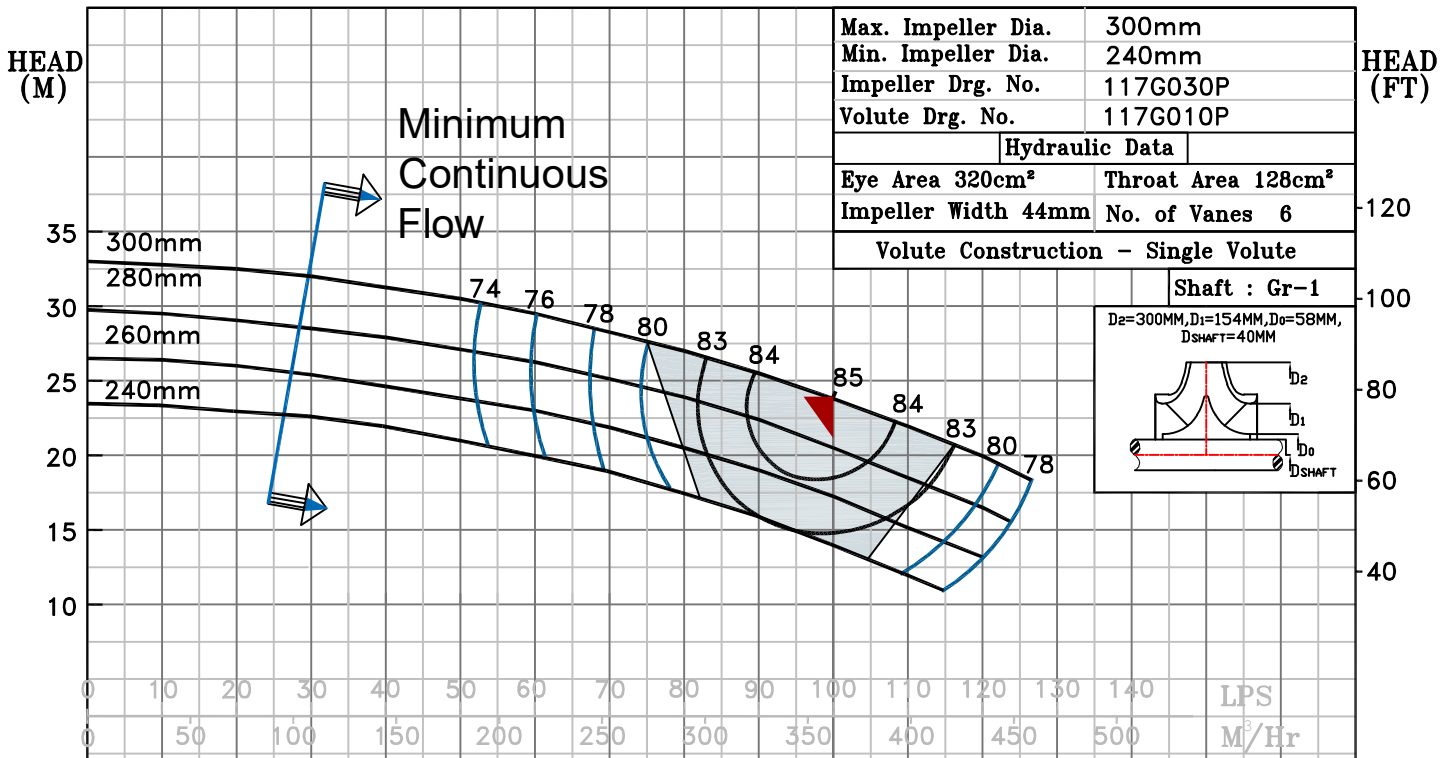


HS RANGE

MODEL 6HS12	WORKING PRESS. 16 bar
SIZE 200x150-300	TEST PRESS. 24 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
SPEED 1480 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

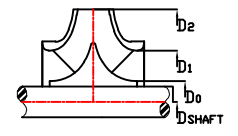


Max. Impeller Dia.	300mm
Min. Impeller Dia.	240mm
Impeller Drg. No.	117G030P
Volute Drg. No.	117G010P

Hydraulic Data	
Eye Area 320cm <sup>2</sup>	Throat Area 128cm <sup>2</sup>
Impeller Width 44mm	No. of Vanes 6
Volute Construction - Single Volute	

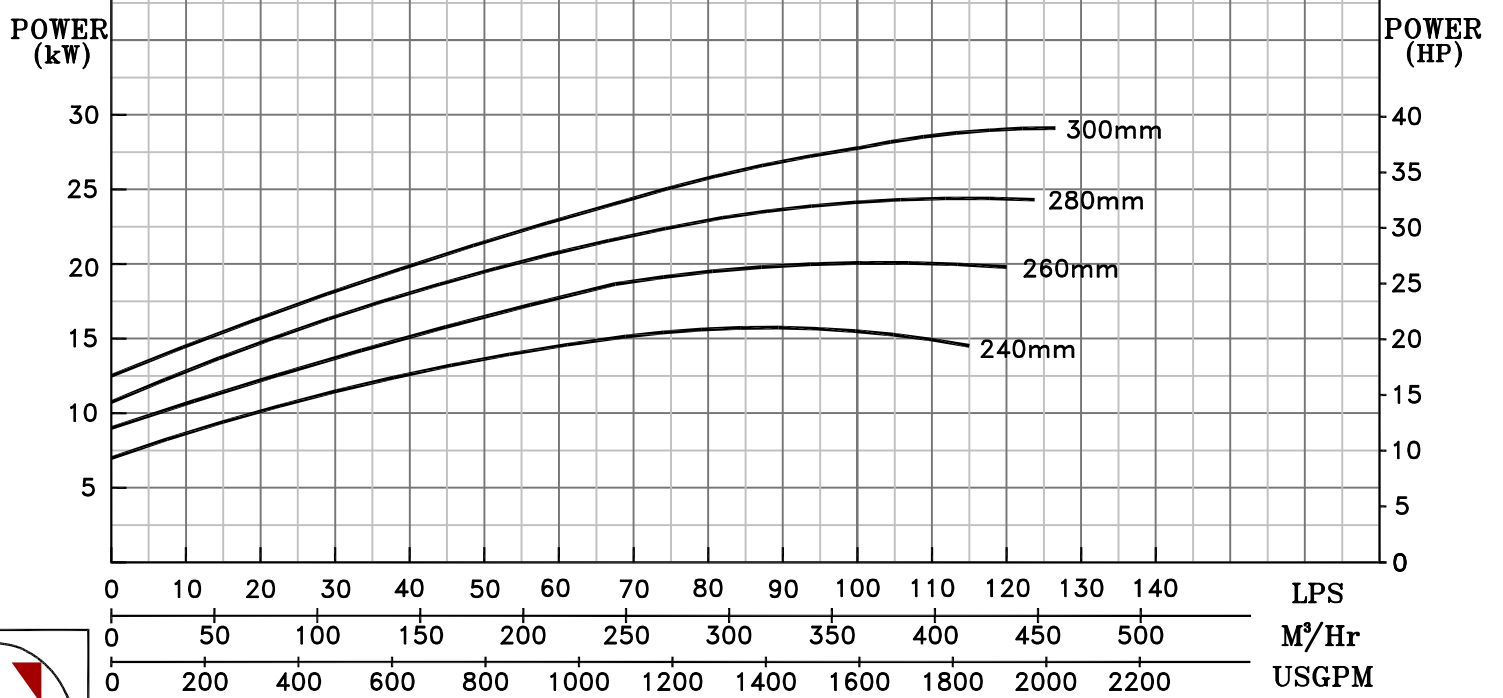
Shaft : Gr-1

D<sub>2</sub>=300MM, D<sub>1</sub>=154MM, D<sub>0</sub>=58MM, D<sub>SHAFT</sub>=40MM



B.E.P Flow	360 M <sup>3</sup> /Hr.
B.E.P Head	24 M
Speed	1480 R.P.M
Ns : 2230 US UNITS	

NPSHr	
(M)	(FT)
6	18
4	12
2	6



1480 RPM