

PERFORMANCE CURVE OF 8HS22 @1780 R.P.M

8HS22/Y/103064



HS RANGE

MODEL 8HS22	WORKING PRESS	20 bar
SIZE 250x200-556	TEST PRESS.	30 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm
		DATE - 06.10.2022

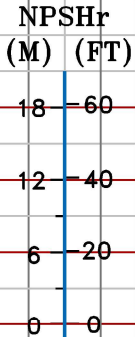
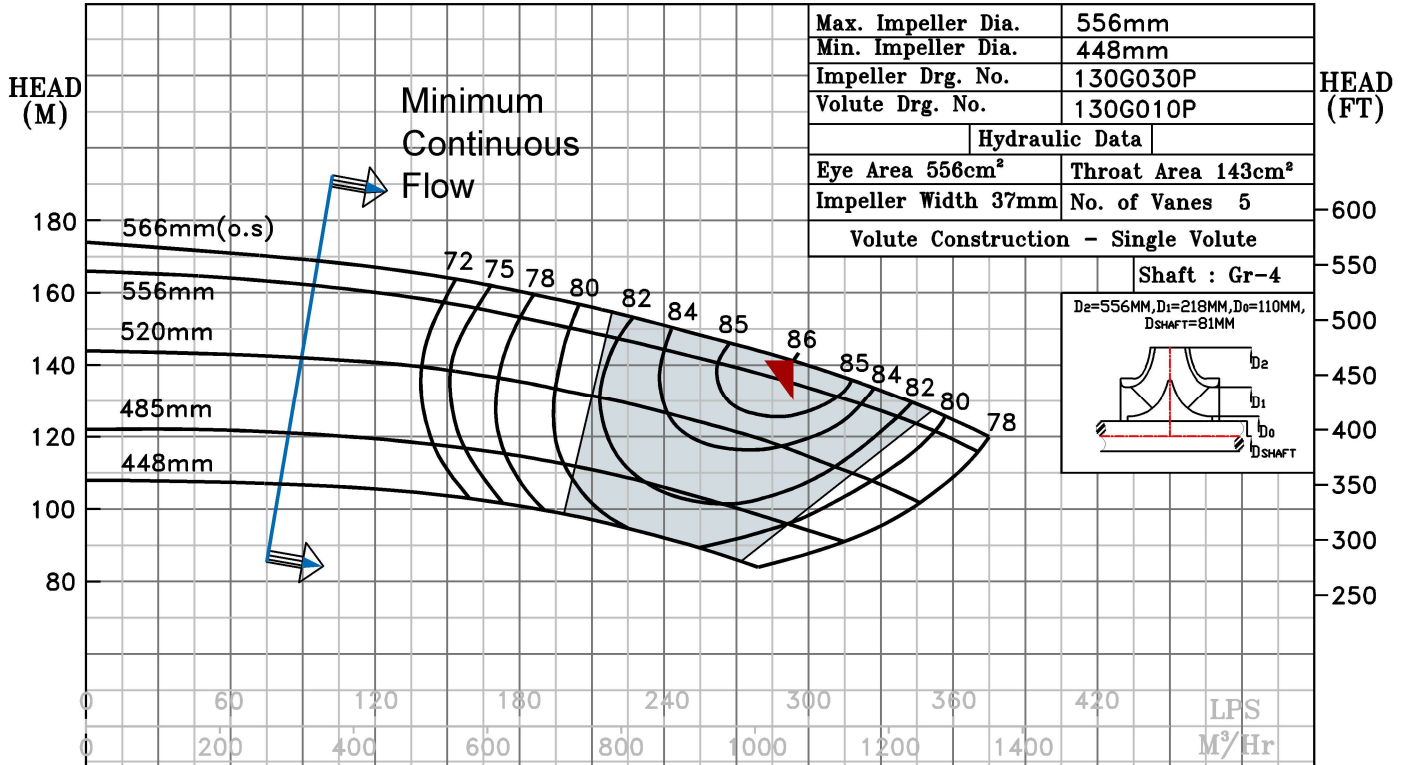
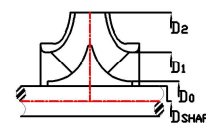
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE

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

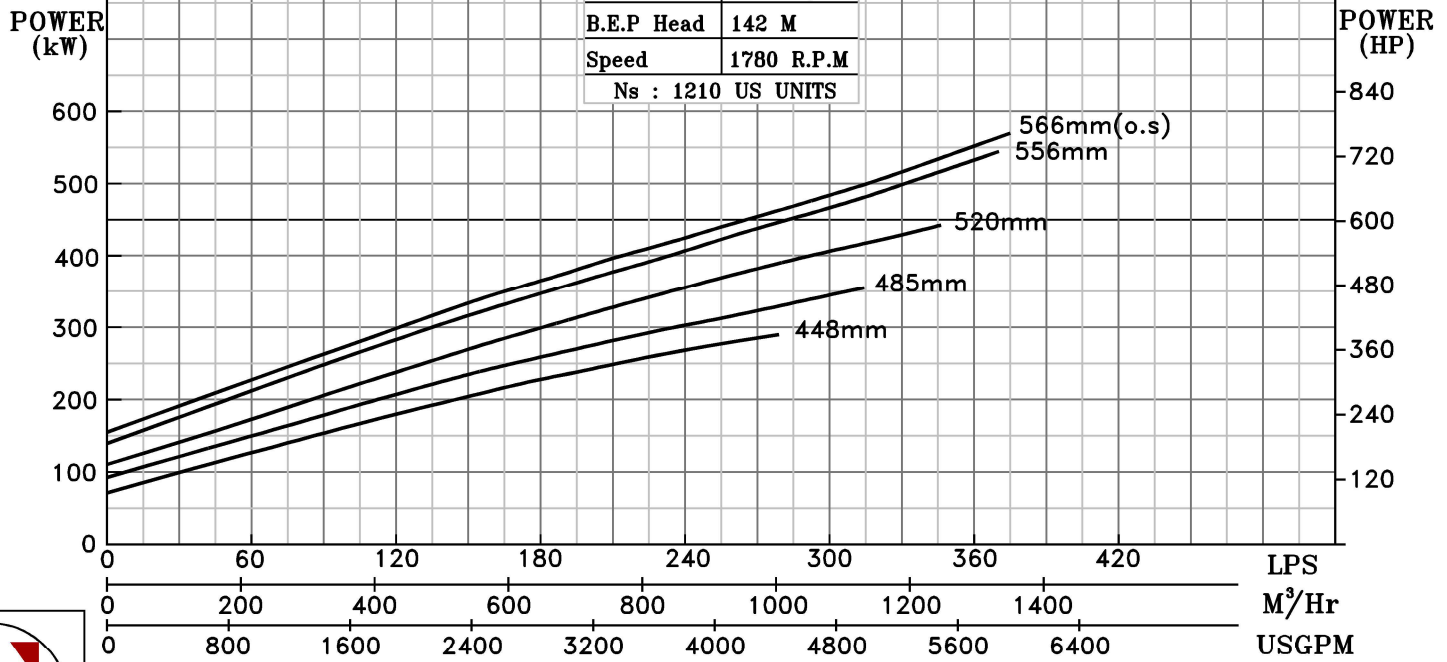
Max. Impeller Dia.	556mm
Min. Impeller Dia.	448mm
Impeller Drg. No.	130G030P
Volute Drg. No.	130G010P
Hydraulic Data	
Eye Area 556cm <sup>2</sup>	Throat Area 143cm <sup>2</sup>
Impeller Width 37mm	No. of Vanes 5
Volute Construction - Single Volute	

Shaft : Gr-4

D<sub>2</sub>=556MM, D<sub>1</sub>=218MM, D<sub>0</sub>=110MM, D<sub>SHAFT</sub>=81MM



B.E.P Flow	1054 M <sup>3</sup> /Hr.
B.E.P Head	142 M
Speed	1780 R.P.M
Ns	: 1210 US UNITS



1780 RPM