

# PERFORMANCE CURVE OF 4HS10 @1780 R.P.M

4HS10/X/803364



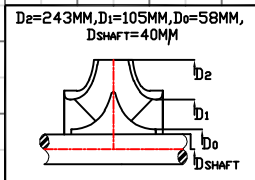
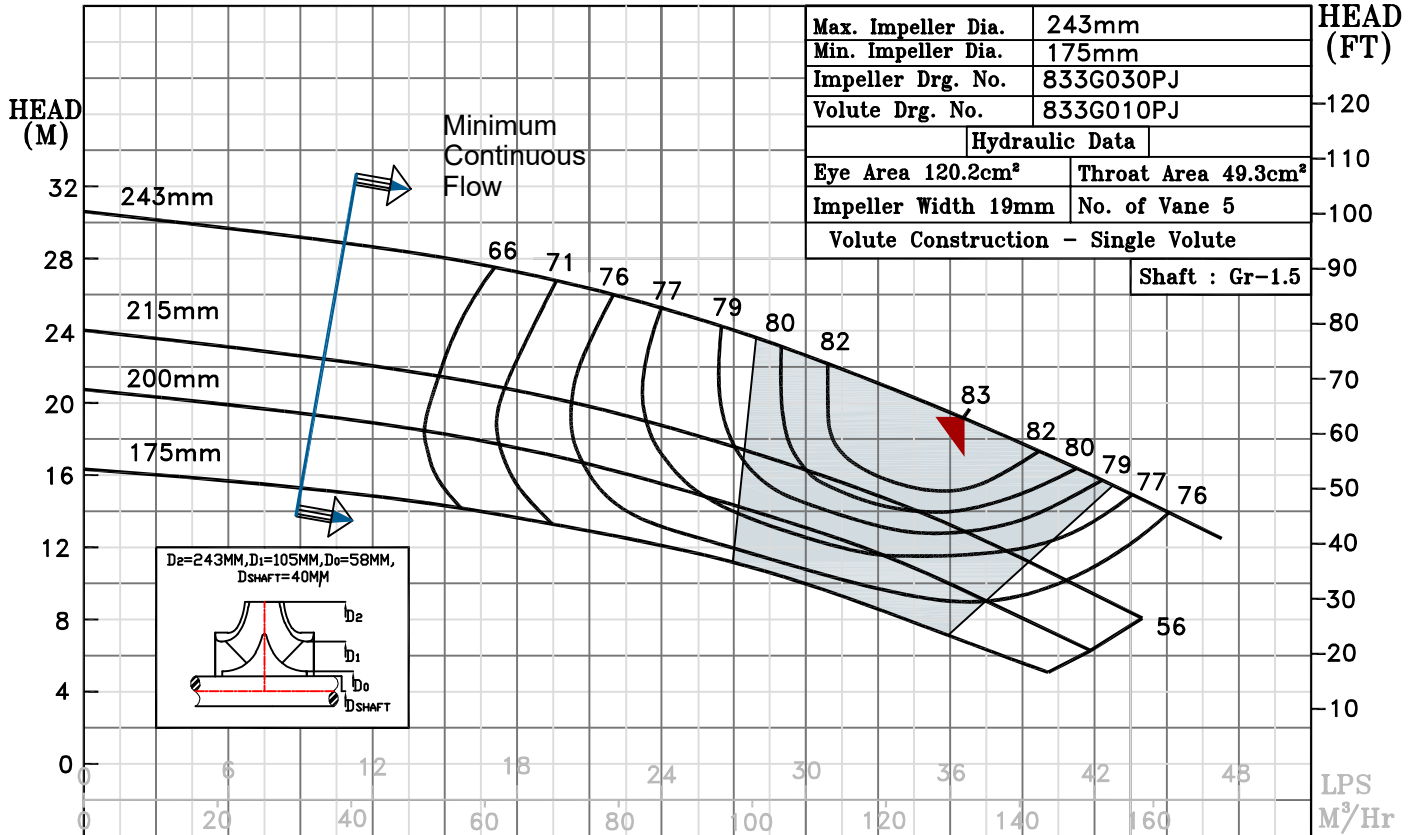
**HS RANGE**

<b>MODEL</b> 4HS10	WORKING PRESS. 16 bar
SIZE 150x100-243	TEST PRESS. 24 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
SPEED 1780 rpm	
DATE - 06.10.2022	

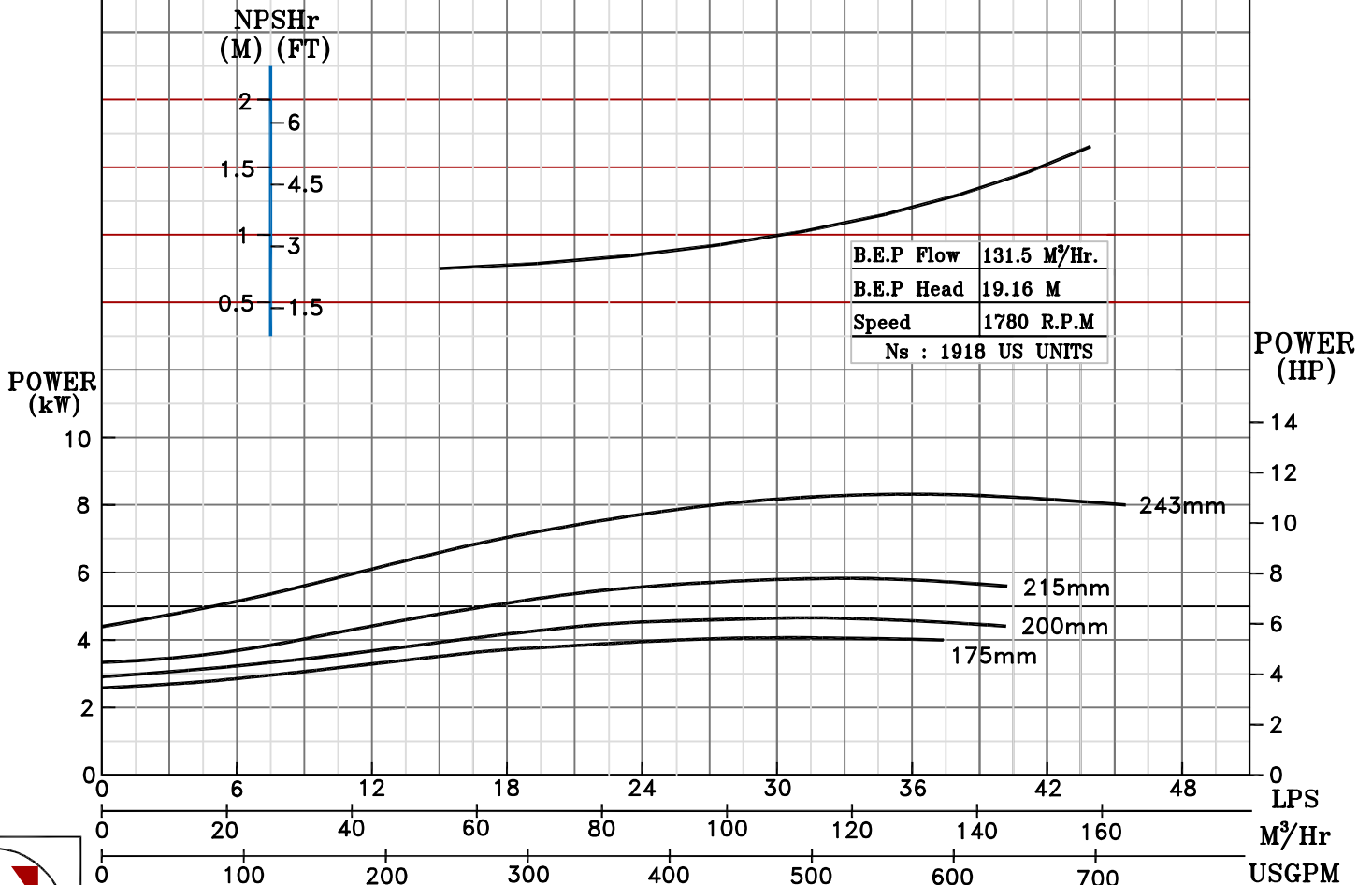
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE

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

Max. Impeller Dia.	243mm
Min. Impeller Dia.	175mm
Impeller Drg. No.	833G030PJ
Volute Drg. No.	833G010PJ
Hydraulic Data	
Eye Area 120.2cm <sup>2</sup>	Throat Area 49.3cm <sup>2</sup>
Impeller Width 19mm	No. of Vane 5
Volute Construction - Single Volute	
Shaft : Gr-1.5	



B.E.P Flow	131.5 M <sup>3</sup> /Hr.
B.E.P Head	19.16 M
Speed	1780 R.P.M
Ns	: 1918 US UNITS



1780 RPM