
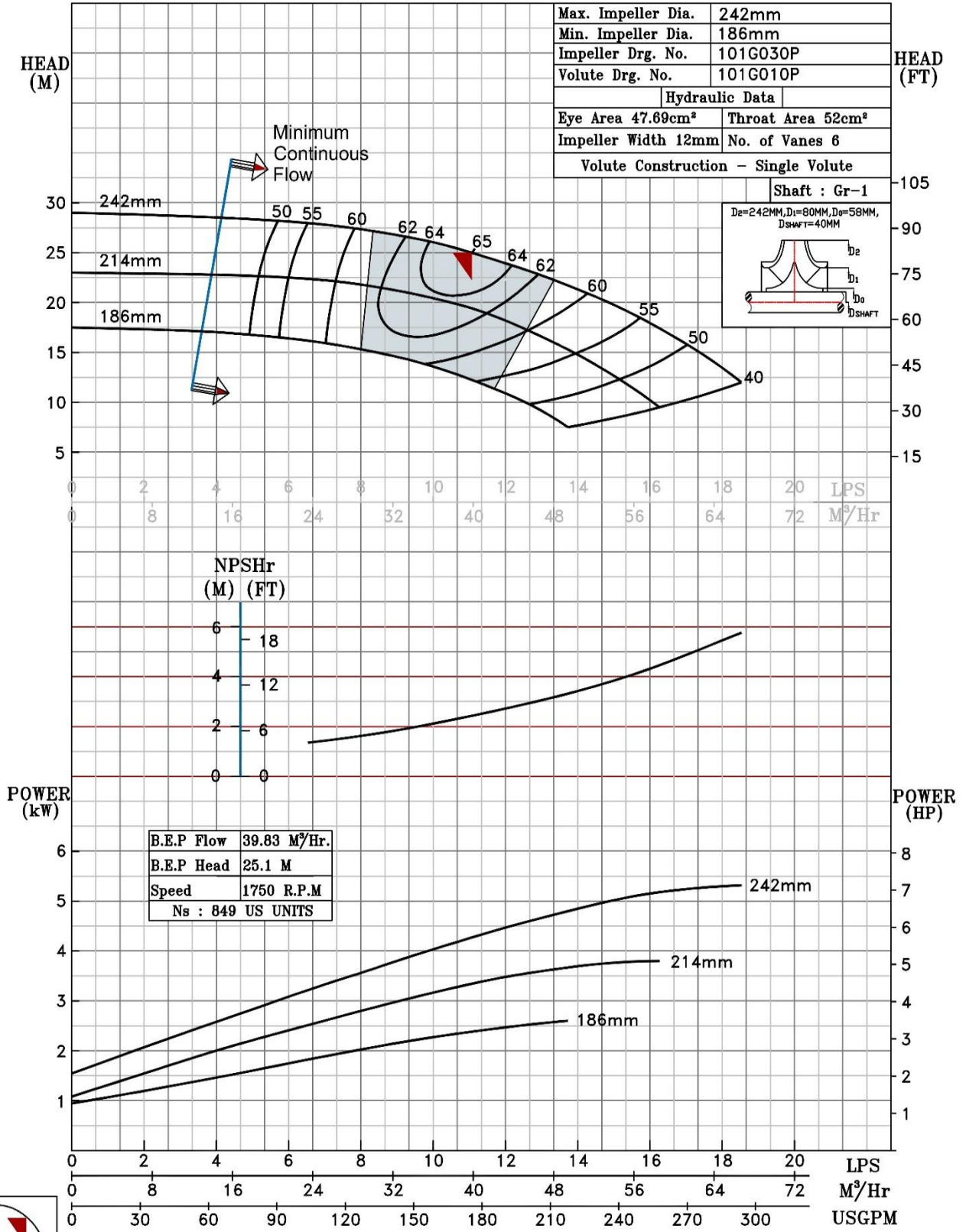


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 2HS10 @1750 R.P.M		2HS10/X/100164		
 PUMPSENSE <i>HS RANGE</i>	MODEL 2HS10	WORKING PRESS. 16 bar		
	SIZE 65x50-242	TEST PRESS. 24 bar		
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1750 rpm	


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

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



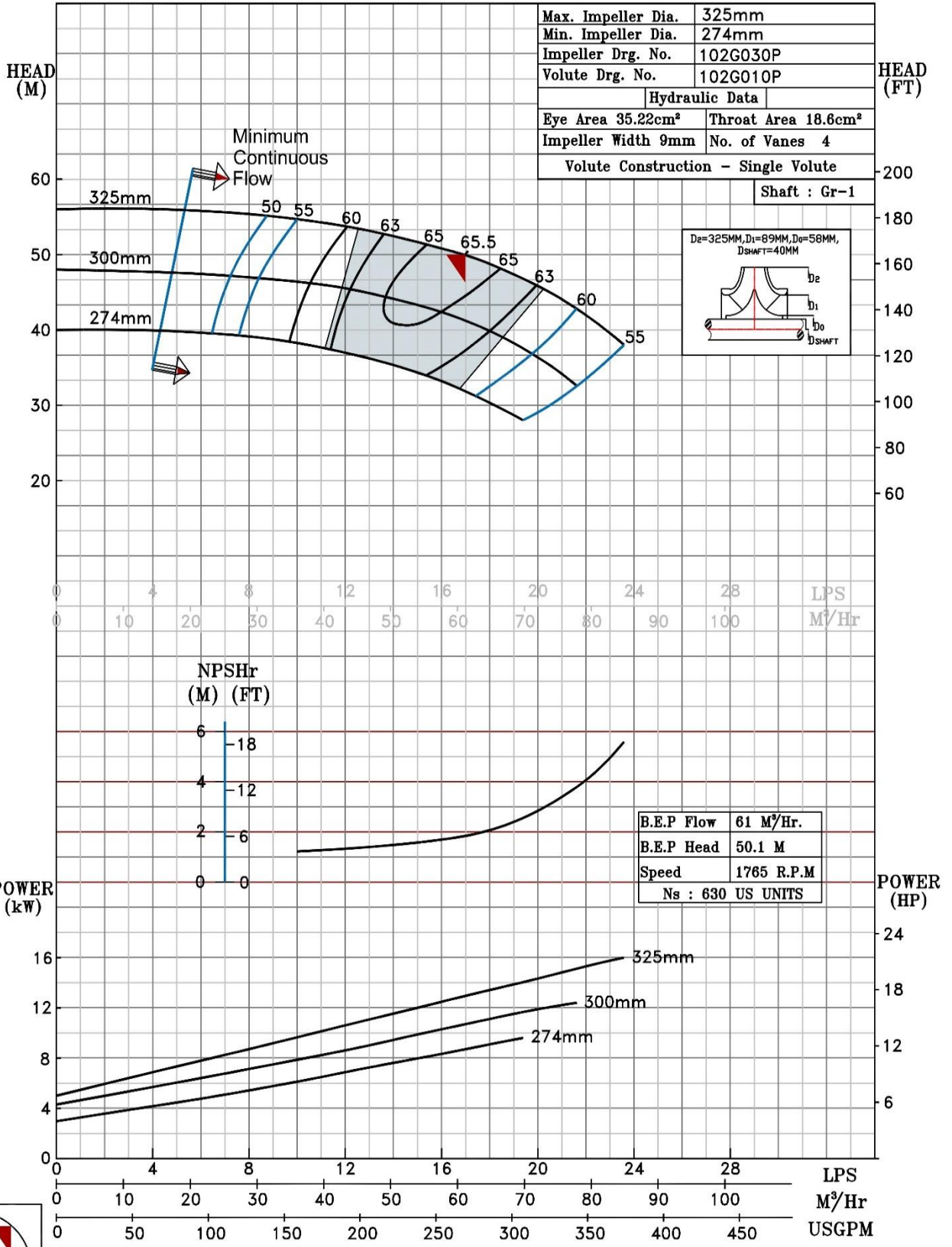
1750 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 2HS13 @1765 R.P.M		2HS13/X/100264		
 PUMPSENSE <i>HS RANGE</i>	MODEL 2HS13	WORKING PRESS.	16 bar	
	SIZE 65x50-325	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1765 rpm	

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

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



1765 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 3HS10 @1765 R.P.M

3HS10/Y/100364



PUMPSENSE

HS RANGE

MODEL 3HS10

WORKING PRESS. 16 bar

SIZE 100x80-242

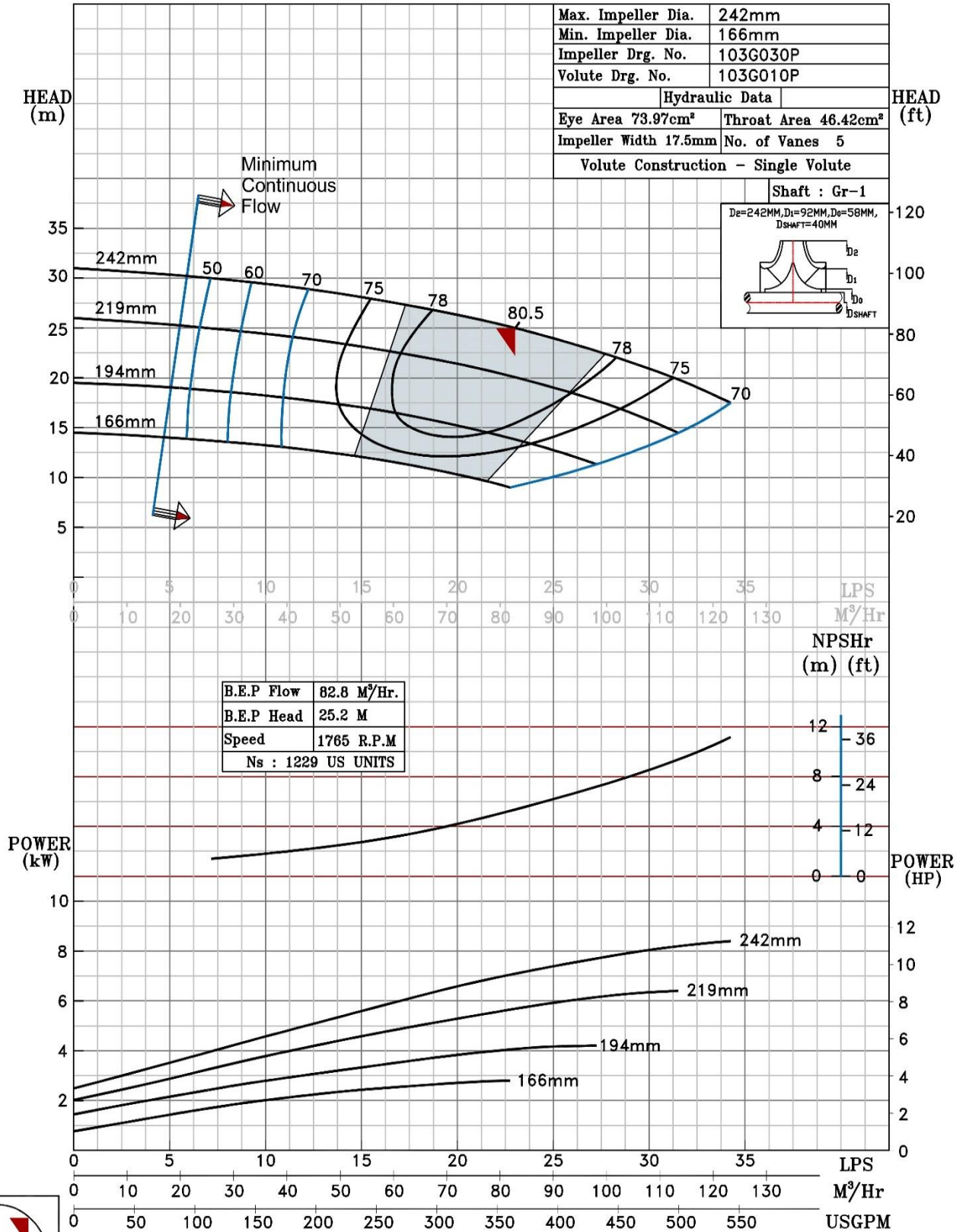
TEST PRESS. 24 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 1765 rpm


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

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

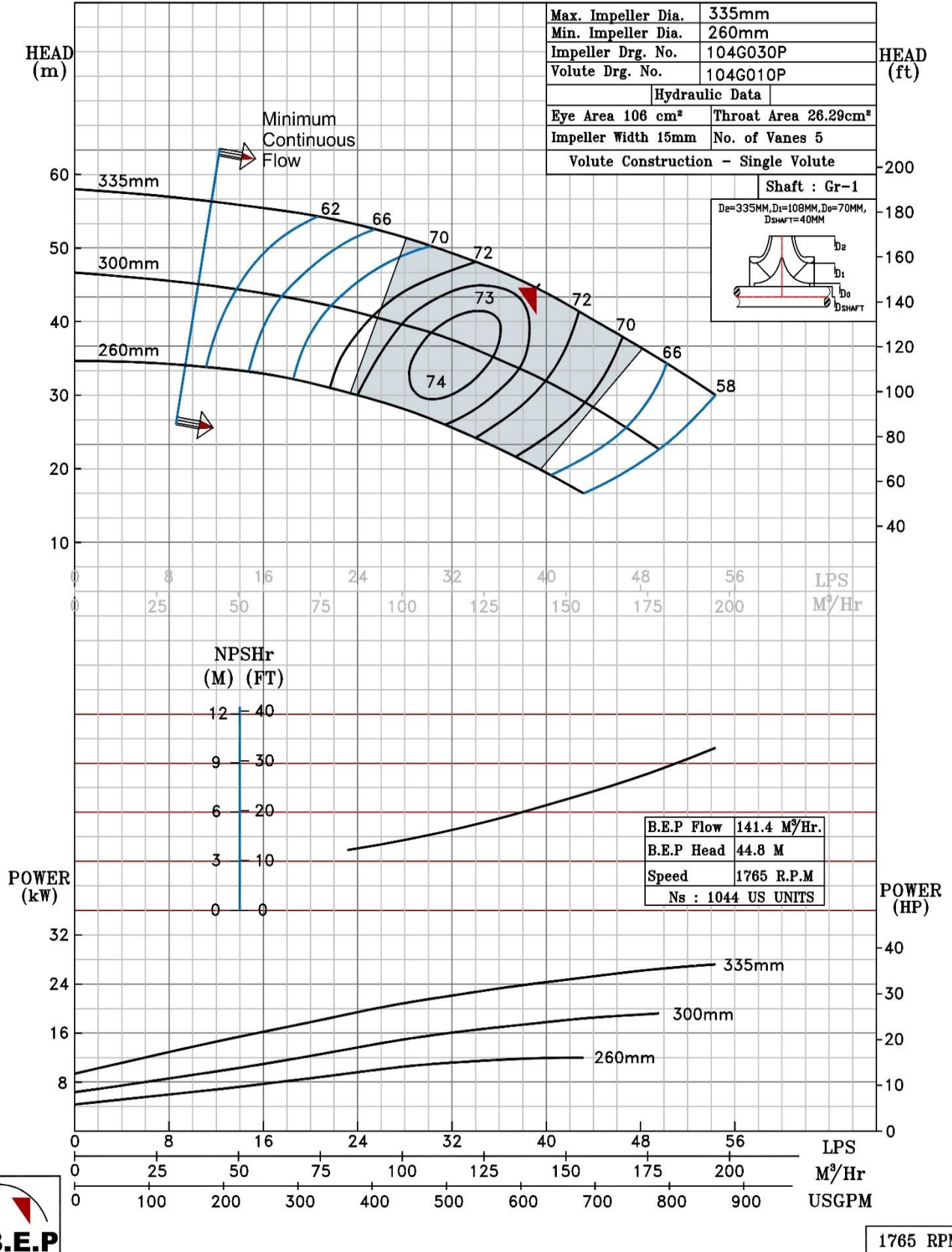


1765 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 3HS13 @1765 R.P.M		3HS13/X/100464	
 PUMPSENSE <i>HS RANGE</i>	MODEL 3HS13	WORKING PRESS.	16 bar
	SIZE 100x80-335	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1765 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

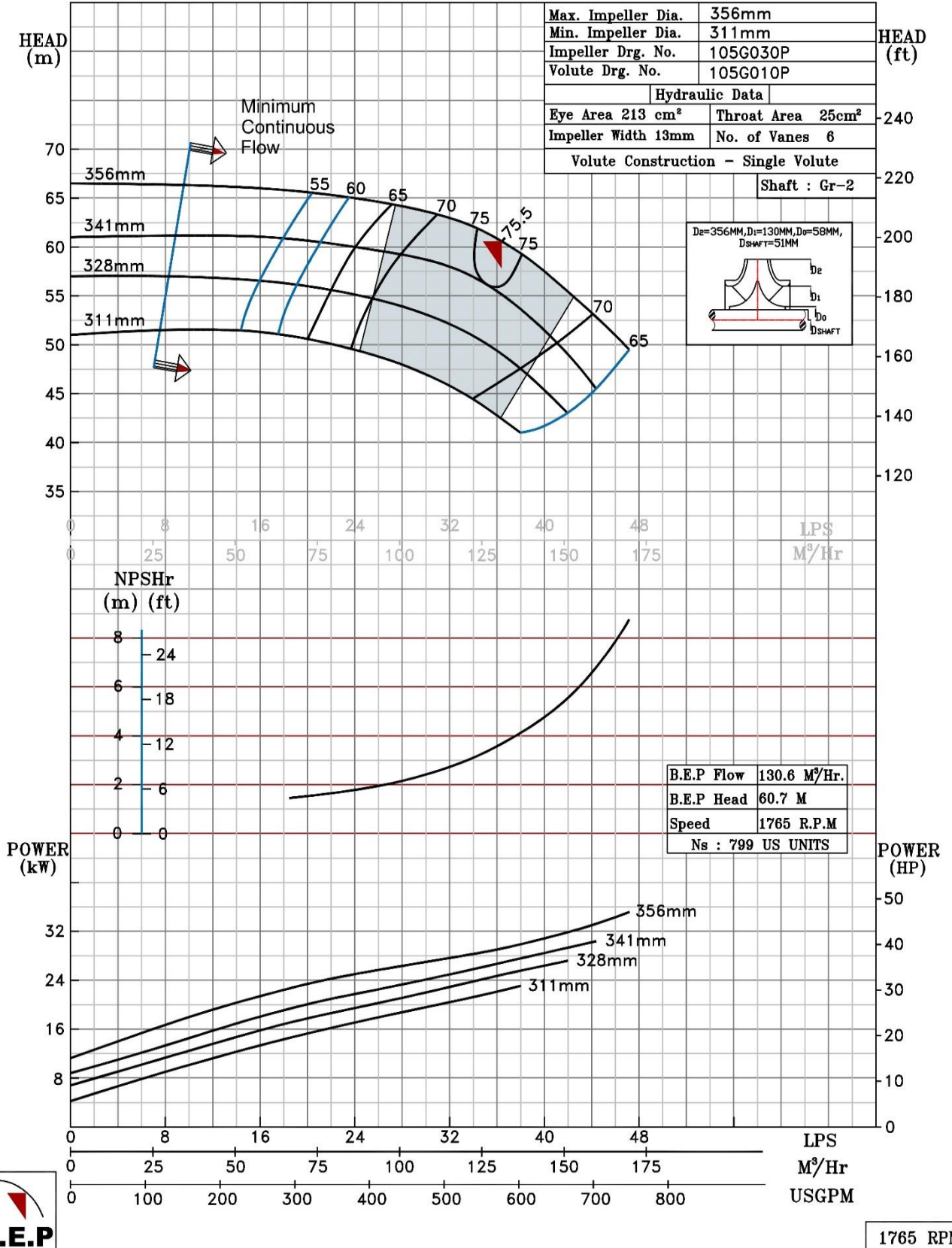


1765 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 3HS14 @1765 R.P.M		3HS14/X/100564	
 PUMPSENSE <i>HS RANGE</i>	MODEL 3HS14	WORKING PRESS. 16 bar	
	SIZE 100x80-356	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1765 rpm

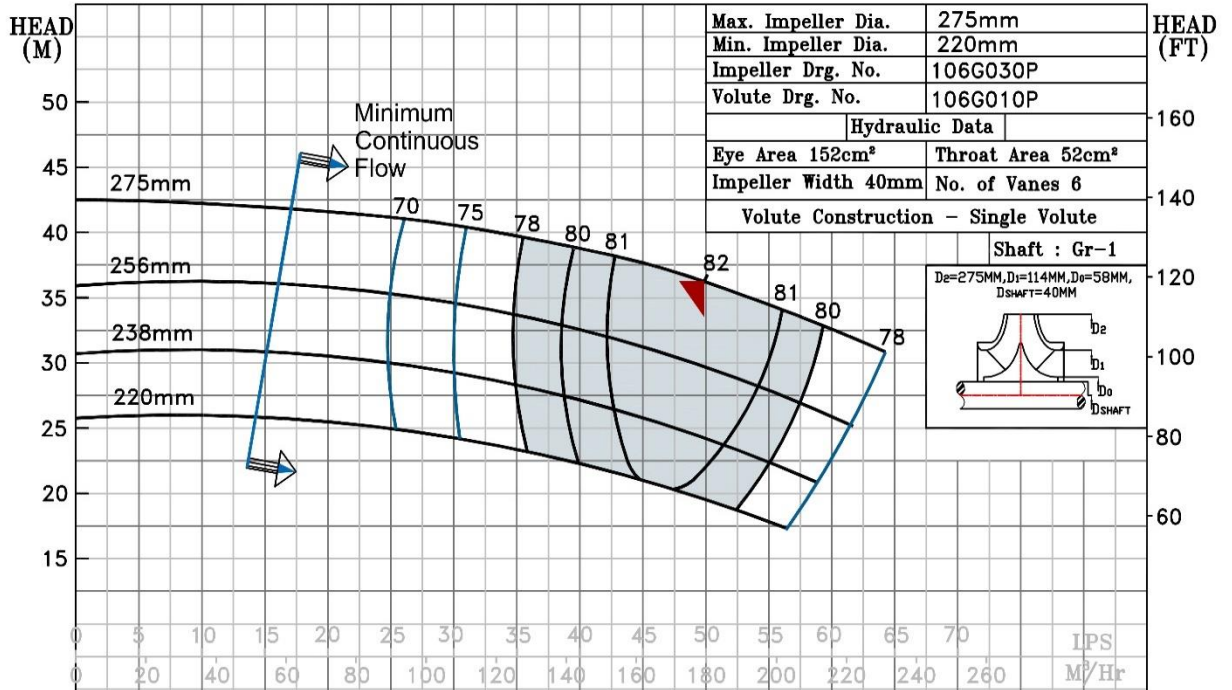
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



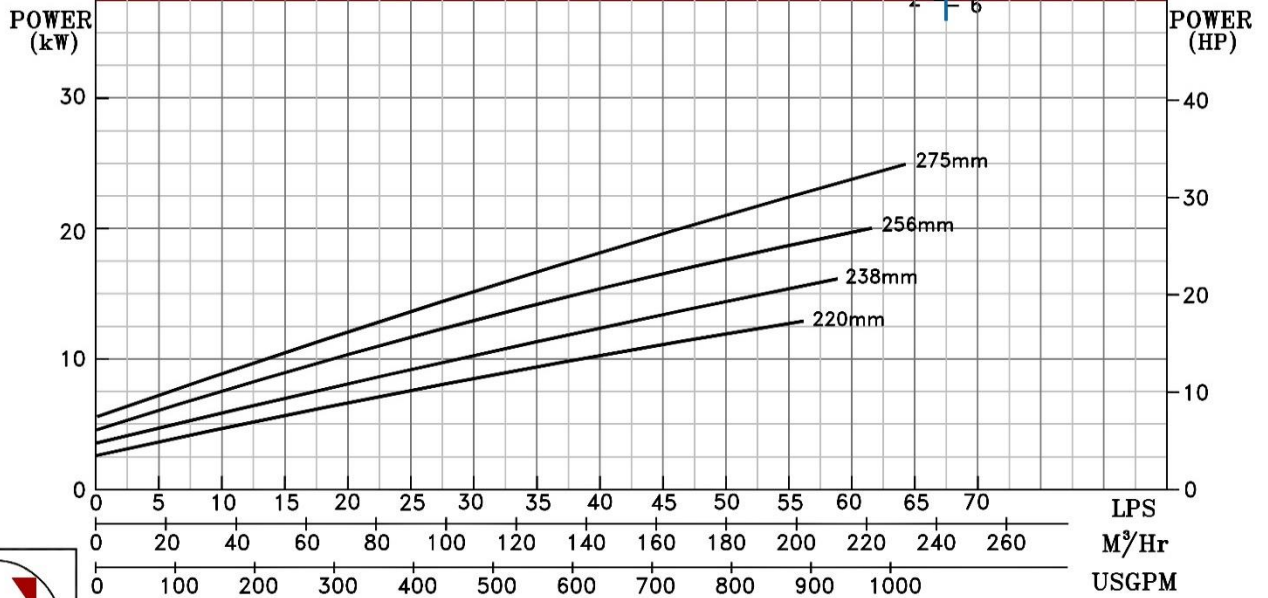
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 4HS11 @1780 R.P.M		4HS11/X/100664	
 PUMPSENSE <i>HS RANGE</i>	MODEL 4HS11	WORKING PRESS	16 bar
	SIZE 125x100-275	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0




B.E.P Flow	173 M ³ /Hr.
B.E.P Head	36.2
Speed	1780 R.P.M
Ns : 1368 US UNITS	

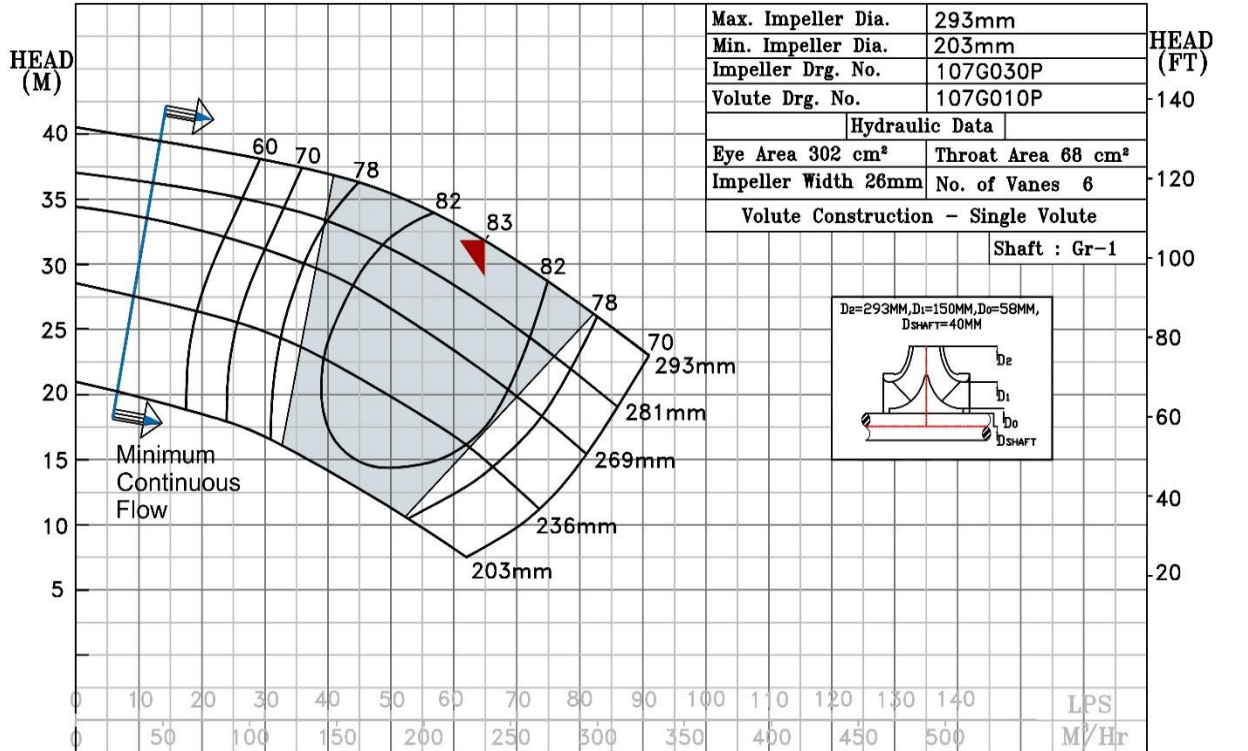


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

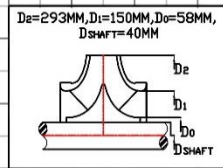
PERFORMANCE CURVE OF 4HS11L @1765 R.P.M		4HS11L/X/100764	
 PUMPSENSE <i>HS RANGE</i>	MODEL 4HS11L	WORKING PRESS.	16 bar
	SIZE 125x100-293	TEST PRESS.	24 bar
		TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
		SPEED 1765 rpm	

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

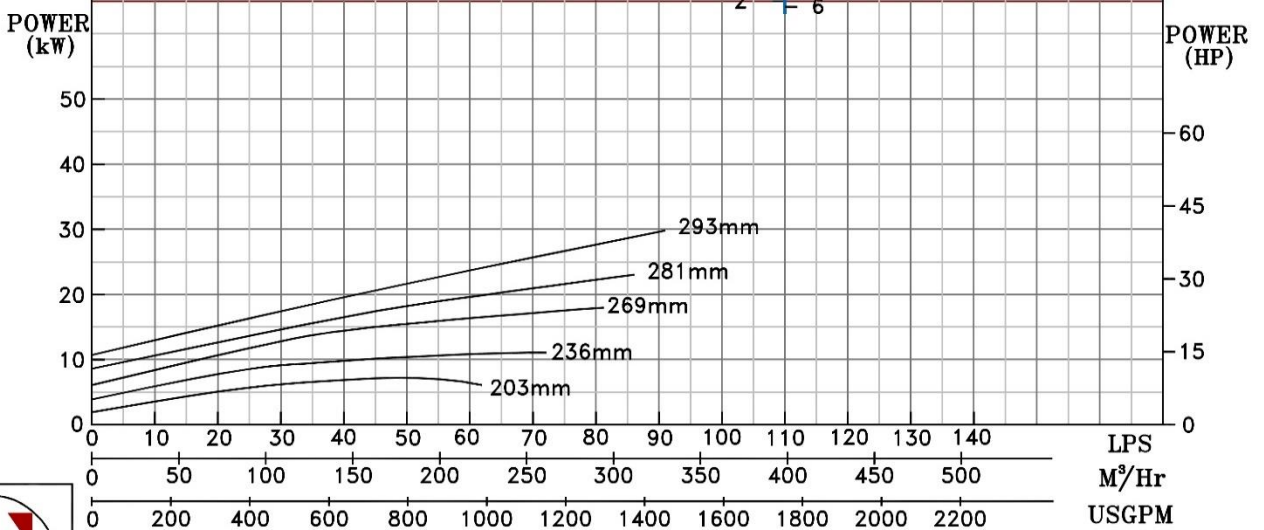
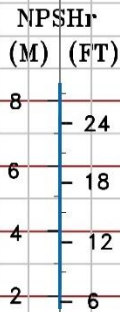


Max. Impeller Dia.	293mm
Min. Impeller Dia.	203mm
Impeller Drg. No.	107G030P
Volute Drg. No.	107G010P
Hydraulic Data	
Eye Area 302 cm ²	Throat Area 68 cm ²
Impeller Width 26mm	No. of Vanes 6
Volute Construction - Single Volute	

Shaft : Gr-1




B.E.P Flow	236.1 M ³ /Hr.
B.E.P Head	31.64 M
Speed	1765 R.P.M
Ns	: 1750 US UNITS

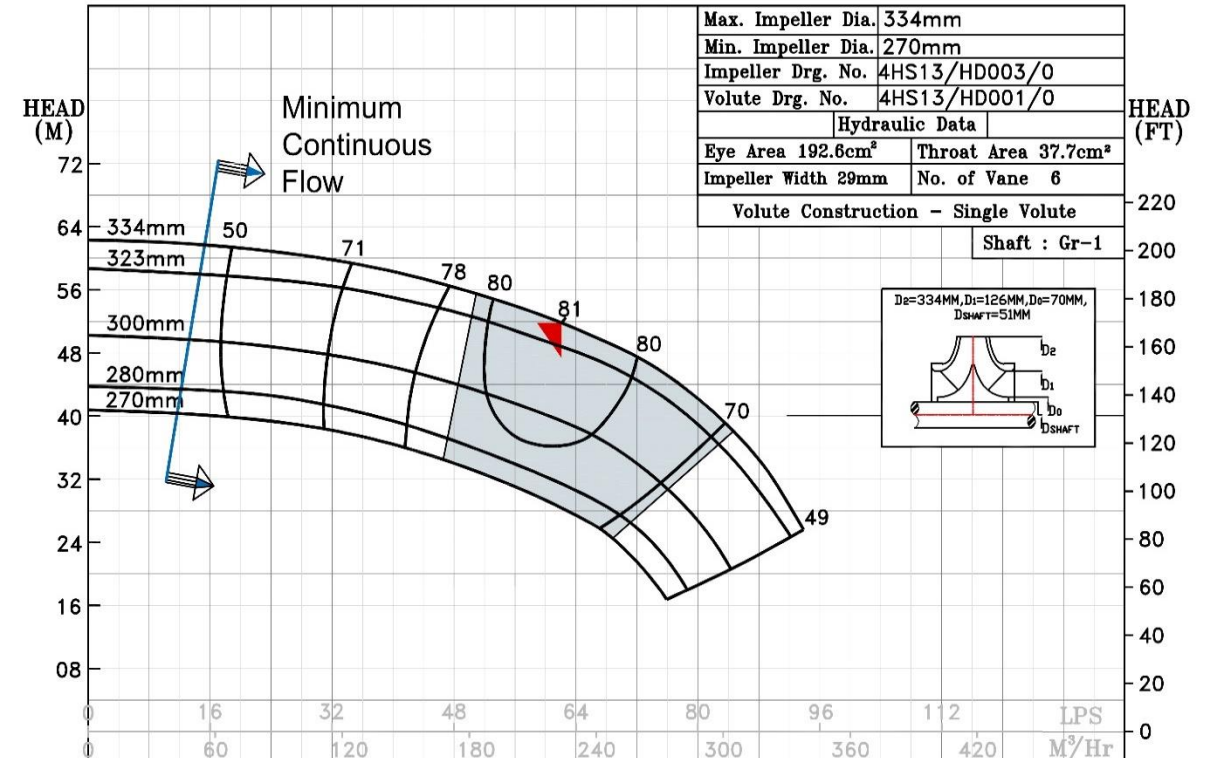


1765 RPM

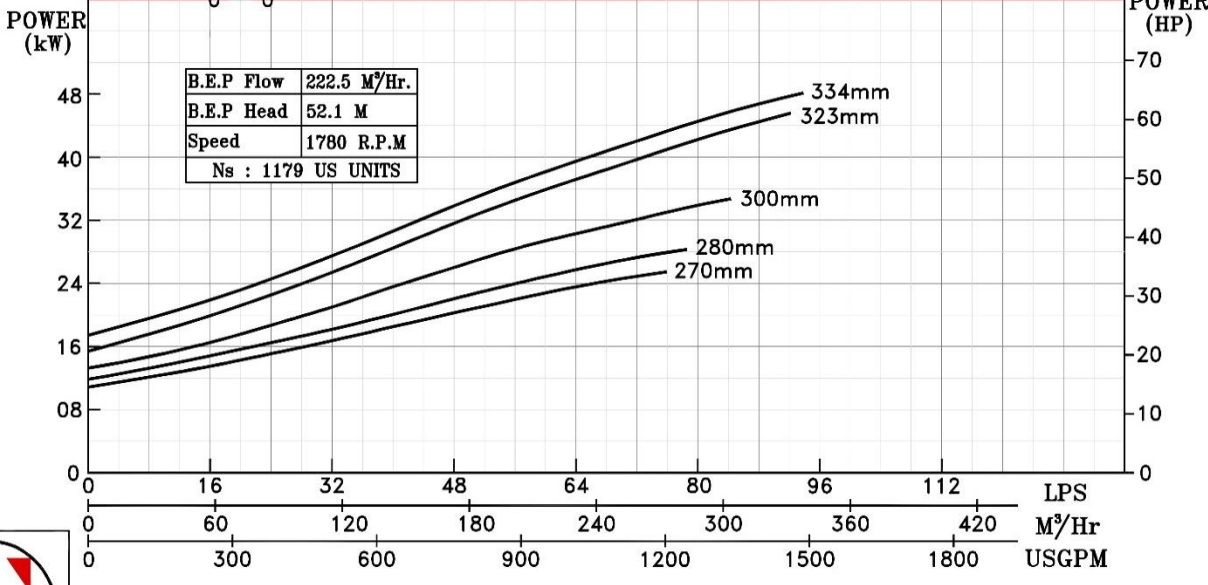
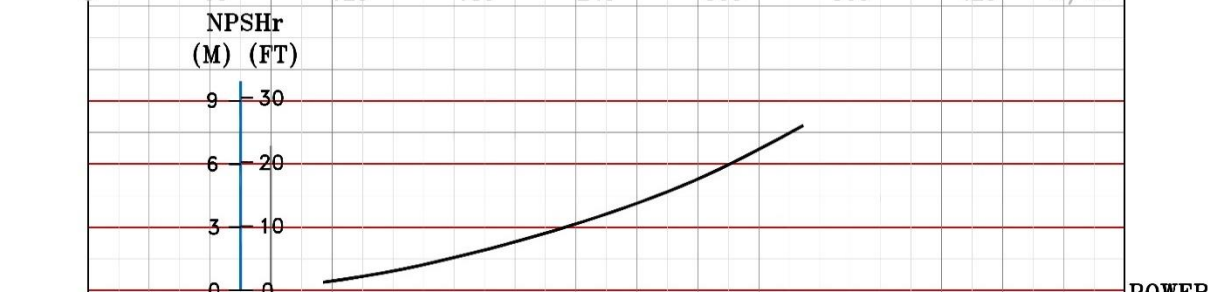
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 4HS13 @1780 R.P.M		4HS13/Y/108454	
 PUMPSENSE <i>HS RANGE</i>	MODEL 4HS13	WORKING PRESS.	16 bar
	SIZE 125x100-334	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 1780 rpm

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.	334mm
Min. Impeller Dia.	270mm
Impeller Drg. No.	4HS13/HD003/0
Volute Drg. No.	4HS13/HD001/0
Hydraulic Data	
Eye Area 192.6cm ²	Throat Area 37.7cm ²
Impeller Width 29mm	No. of Vane 6
Volute Construction - Single Volute	
Shaft : Gr-1	




B.E.P Flow	222.5 M ³ /Hr.
B.E.P Head	52.1 M
Speed	1780 R.P.M
Ns	1179 US UNITS



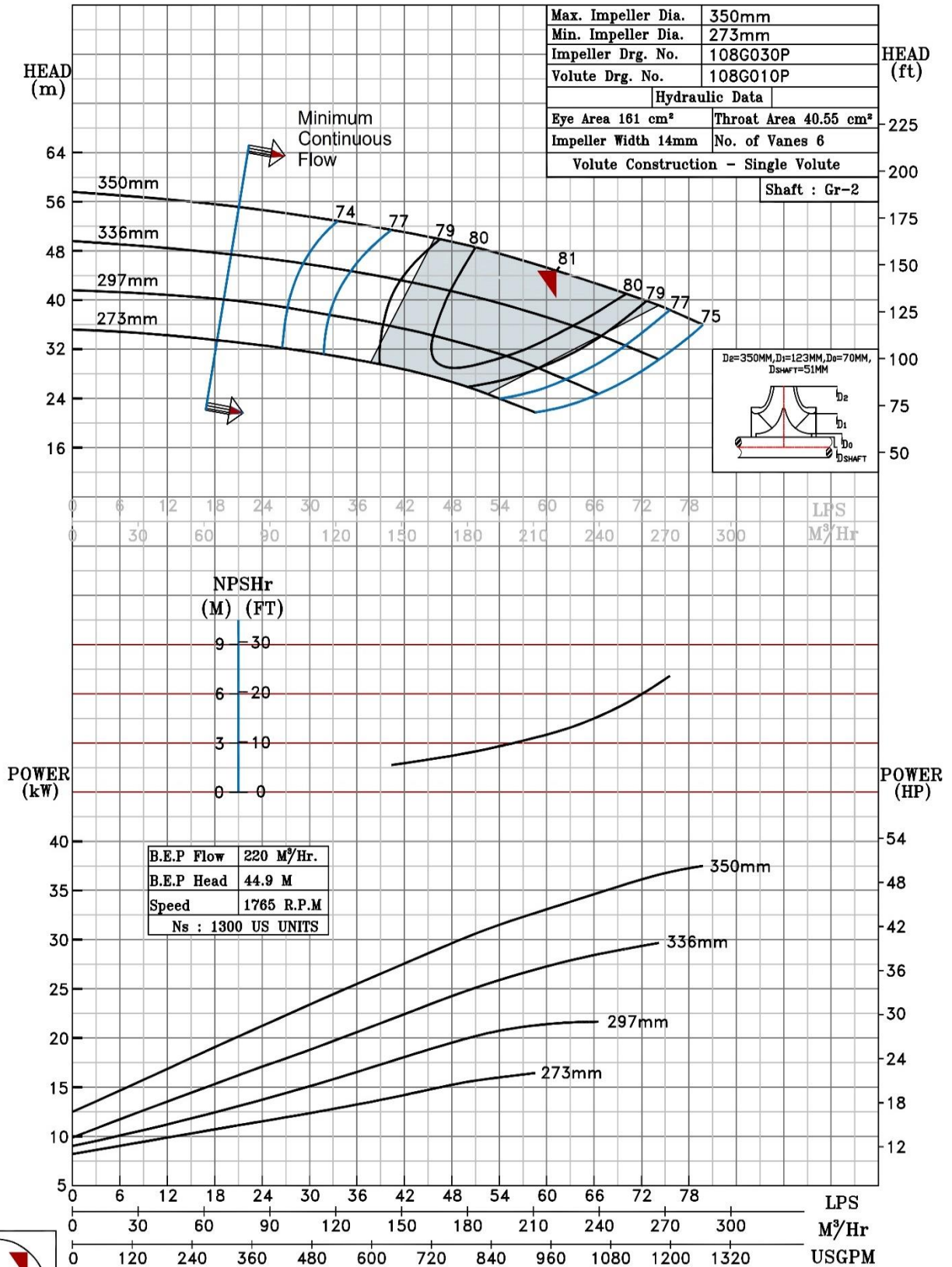
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 4HS14 @1765 R.P.M		4HS14/X/100864	
 PUMPSENSE <i>HS RANGE</i>	MODEL 4HS14	WORKING PRESS.	16 bar
	SIZE 125X100-350	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1765 rpm		


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

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



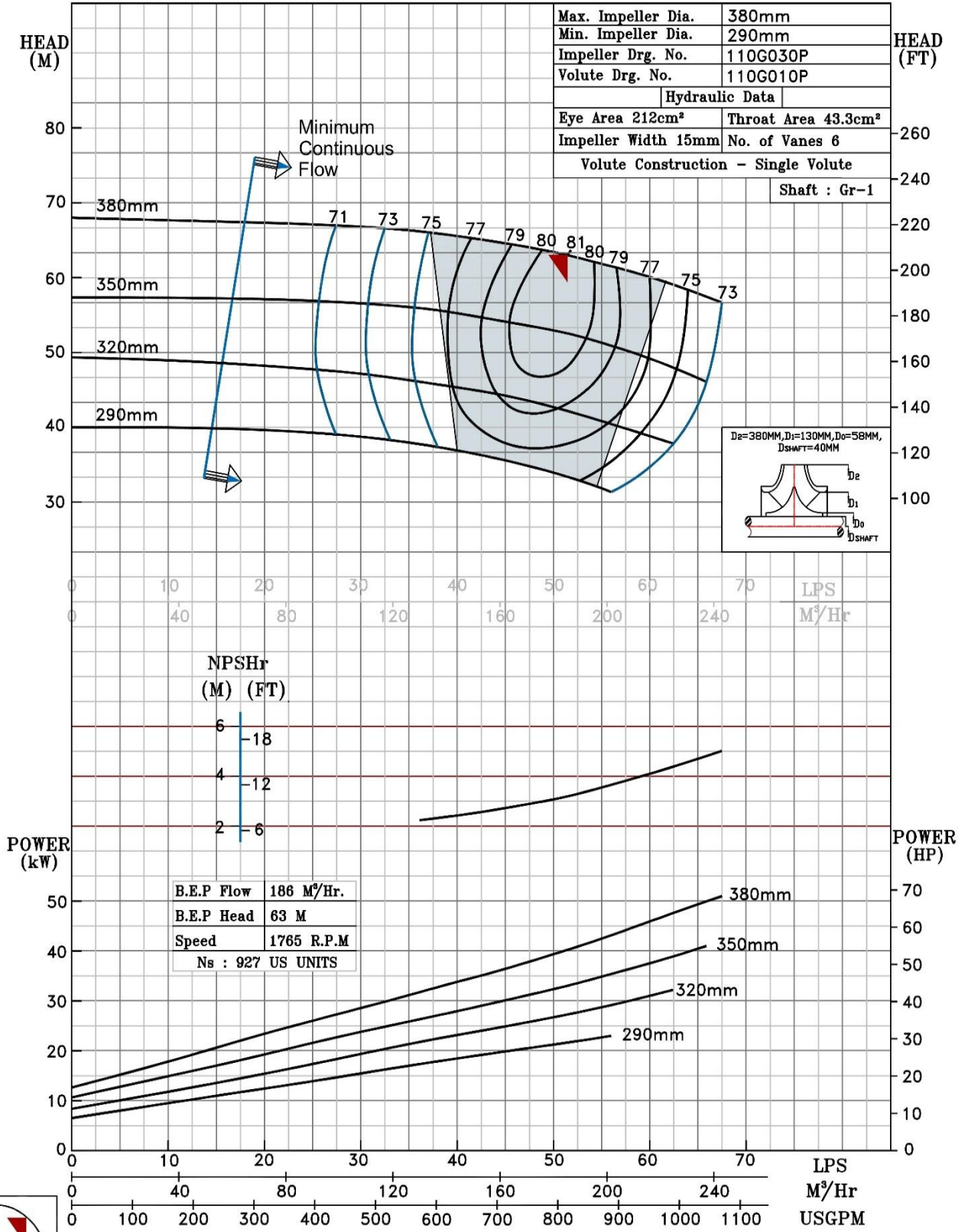
1765 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 4HS15 @1765 R.P.M		4HS15/X/101064	
 PUMPSense <i>HS RANGE</i>	MODEL 4HS15	WORKING PRESS.	16 bar
	SIZE 125x100-380	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1765 rpm		


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

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

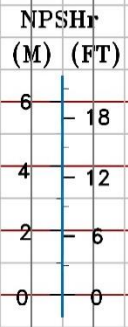
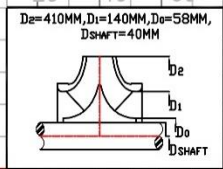
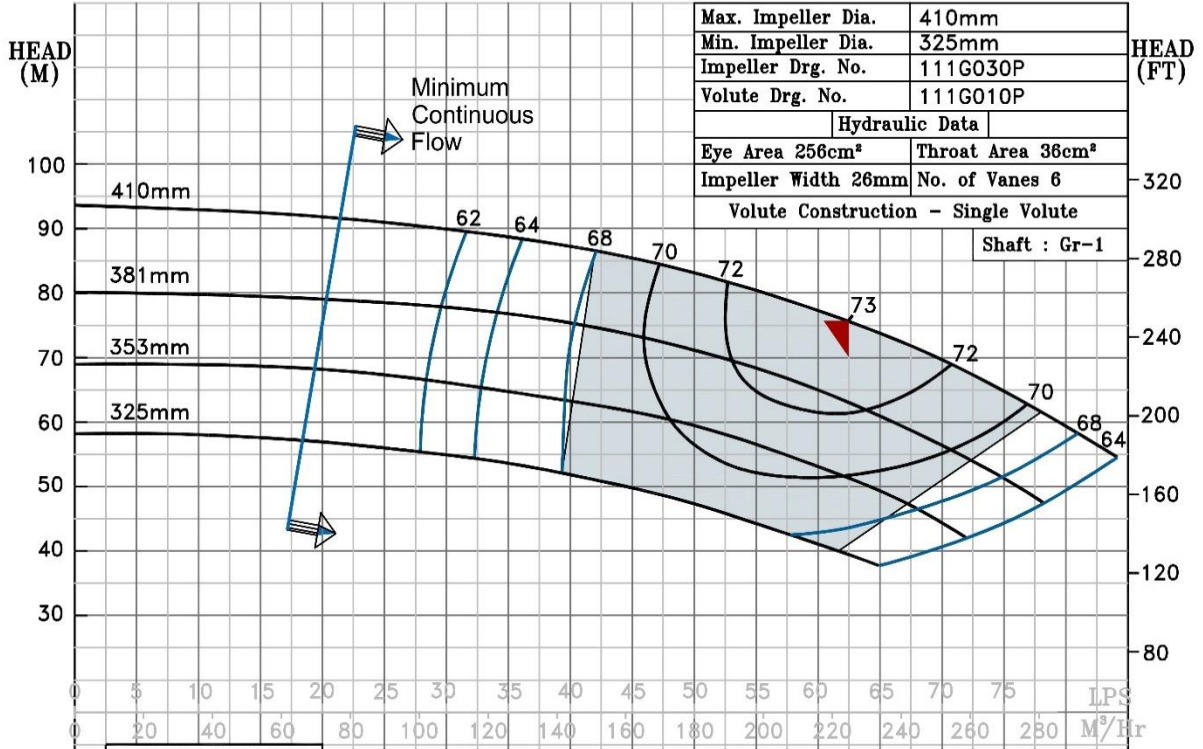


1765 RPM

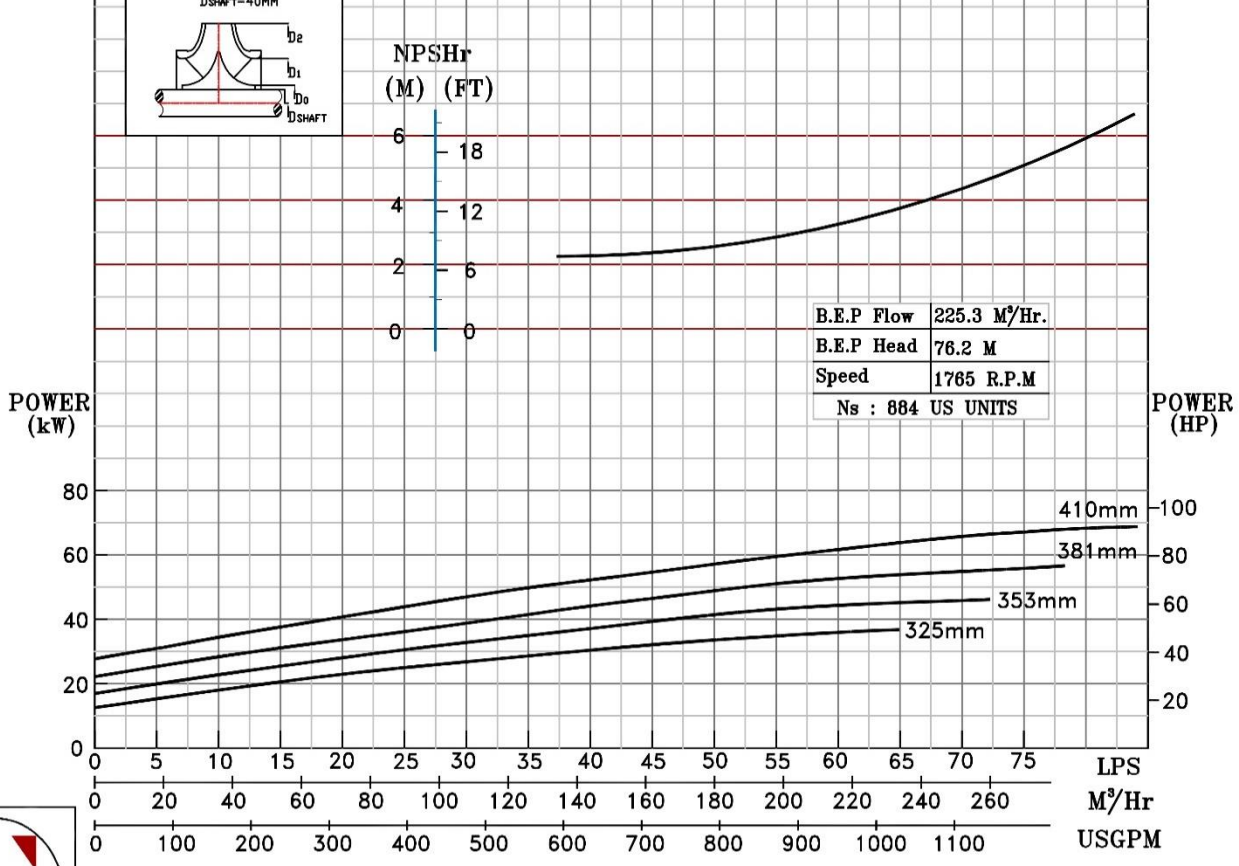
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 4HS16 @1765 R.P.M		4HS16/X/101164	
 PUMPSENSE <i>HS RANGE</i>	MODEL 4HS16	WORKING PRESS.	16 bar
	SIZE 125x100-410	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1765 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0




B.E.P Flow	225.3 M ³ /Hr.
B.E.P Head	76.2 M
Speed	1765 R.P.M
Ns	884 US UNITS

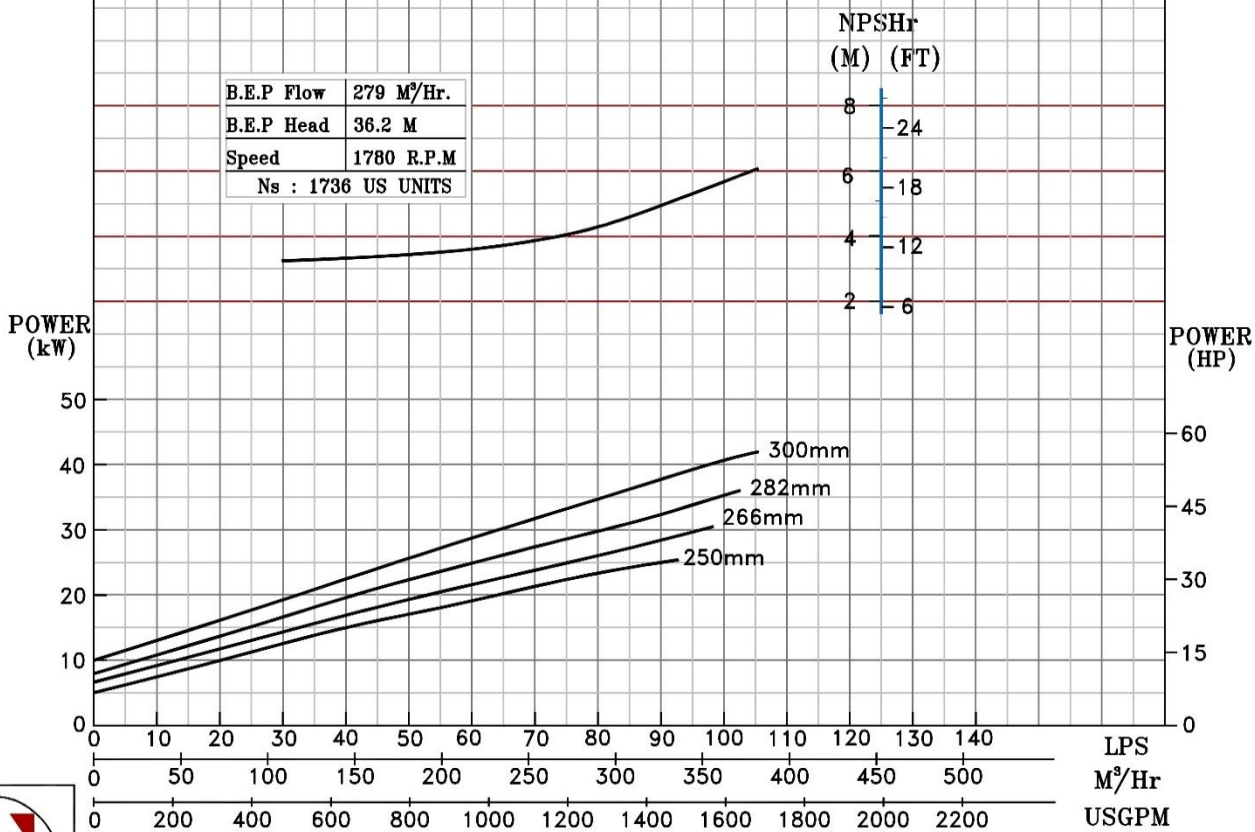
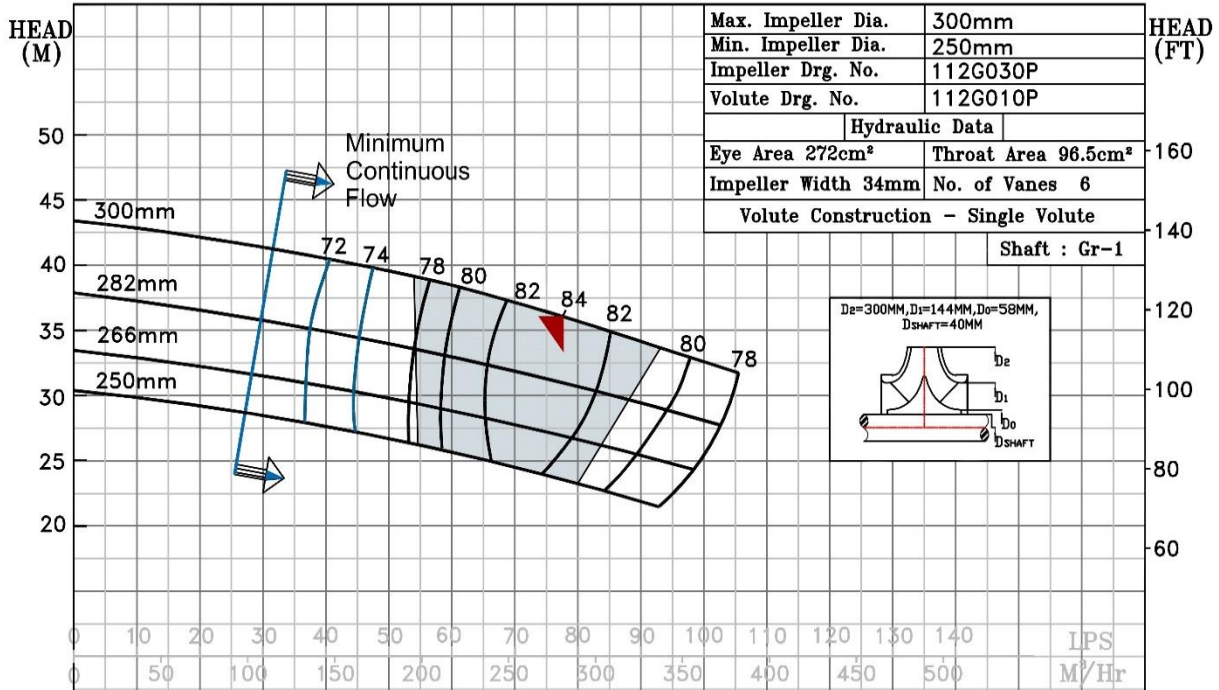


1765 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 5HS12 @1780 R.P.M		5HS12/X/101264		
 <p>PUMPSENSE <i>HS RANGE</i></p>	MODEL 5HS12	WORKING PRESS. 16 bar		
	SIZE 150x125-300	TEST PRESS. 24 bar		
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE			
	SPEED 1780 rpm			

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

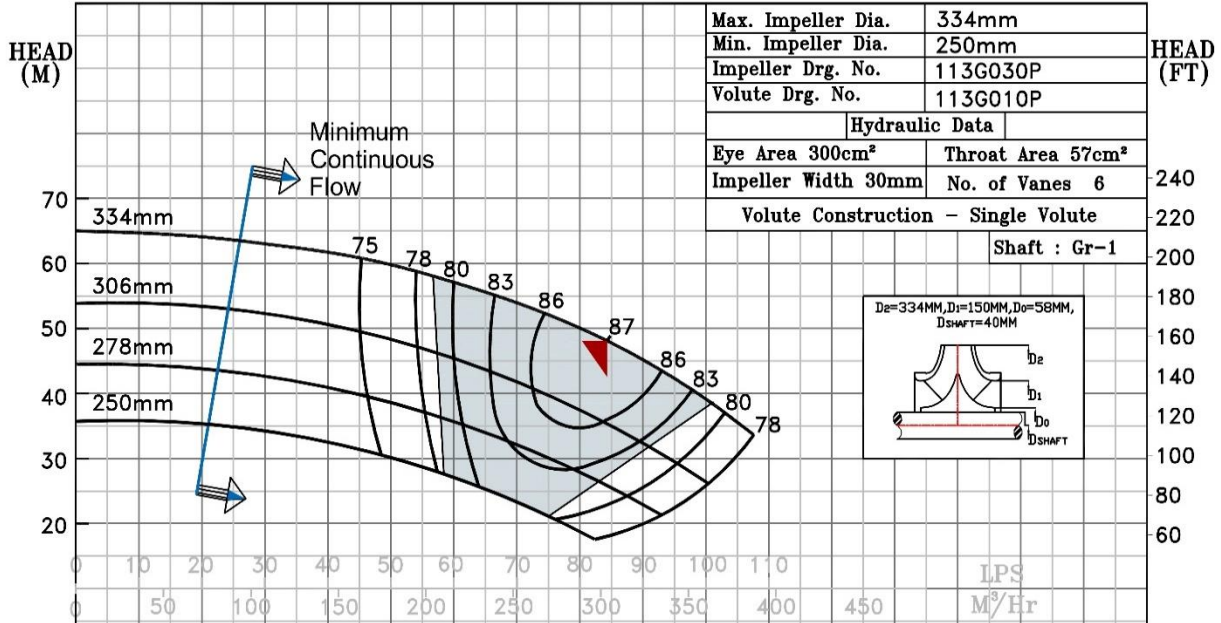


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

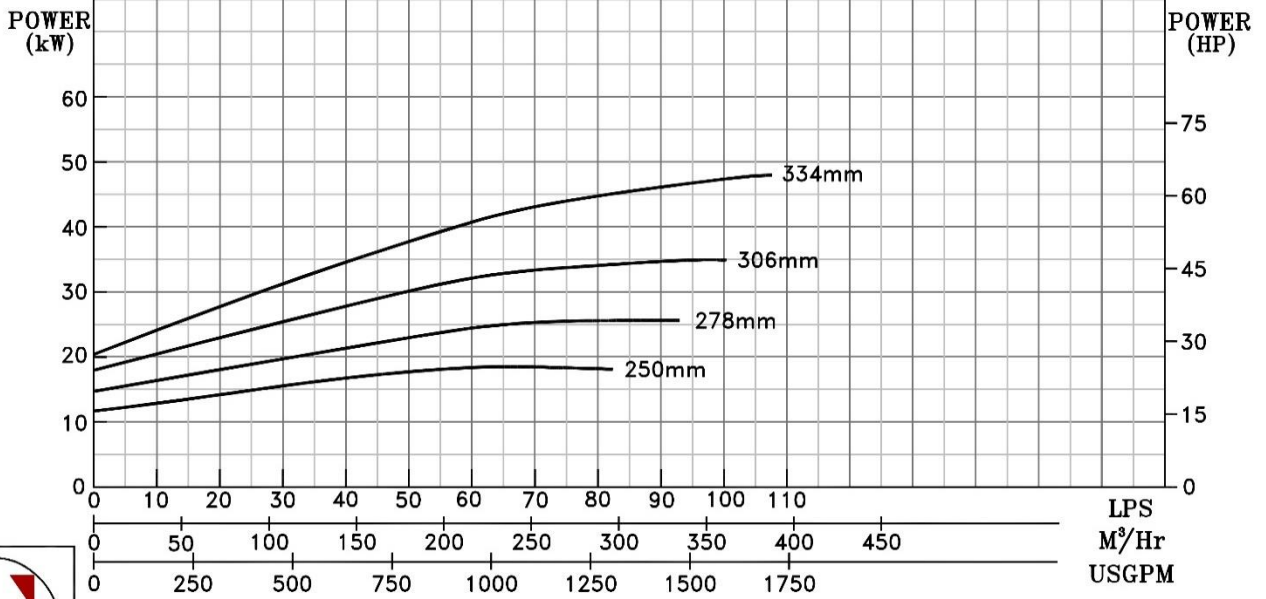
PERFORMANCE CURVE OF 5HS13 @1780 R.P.M		5HS13/Y/101364	
 PUMPSENSE <i>HS RANGE</i>	MODEL 5HS13	WORKING PRESS.	16 bar
	SIZE 150x125-334	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0




B.E.P Flow	303.1 M ³ /Hr.
B.E.P Head	47.73 M
Speed	1780 R.P.M
Ns : 1469 US UNITS	

NPSHr	(M) (FT)
7	-22
6	-20
5	-18
4	-14

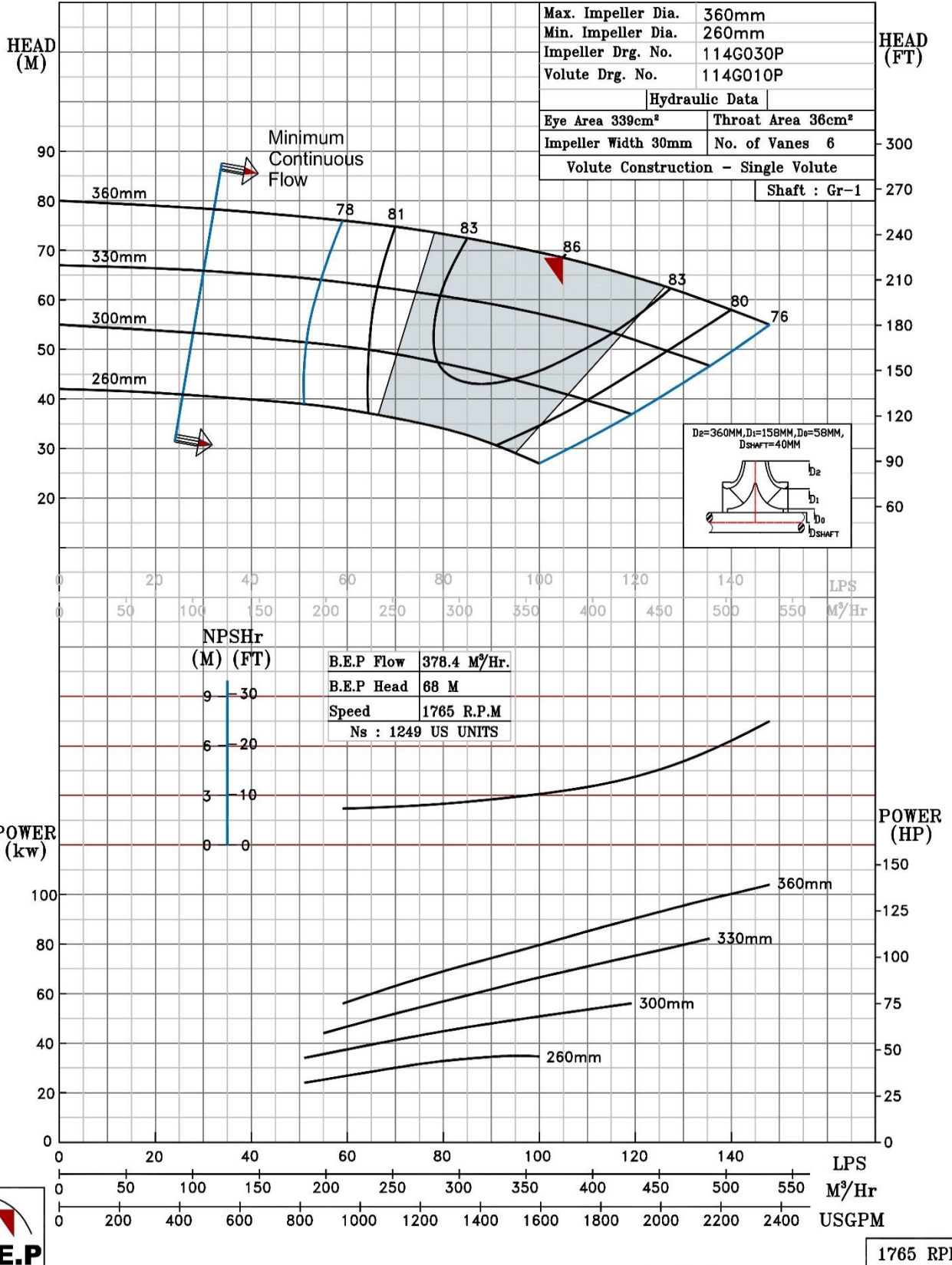


1780 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 5HS15 @1765 R.P.M		5HS15/X/101464	
 PUMPSENSE <i>HS RANGE</i>	MODEL 5HS15	WORKING PRESS. 16 bar	
	SIZE 150x125-360	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1765 rpm
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE			DATE-10.05.15

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

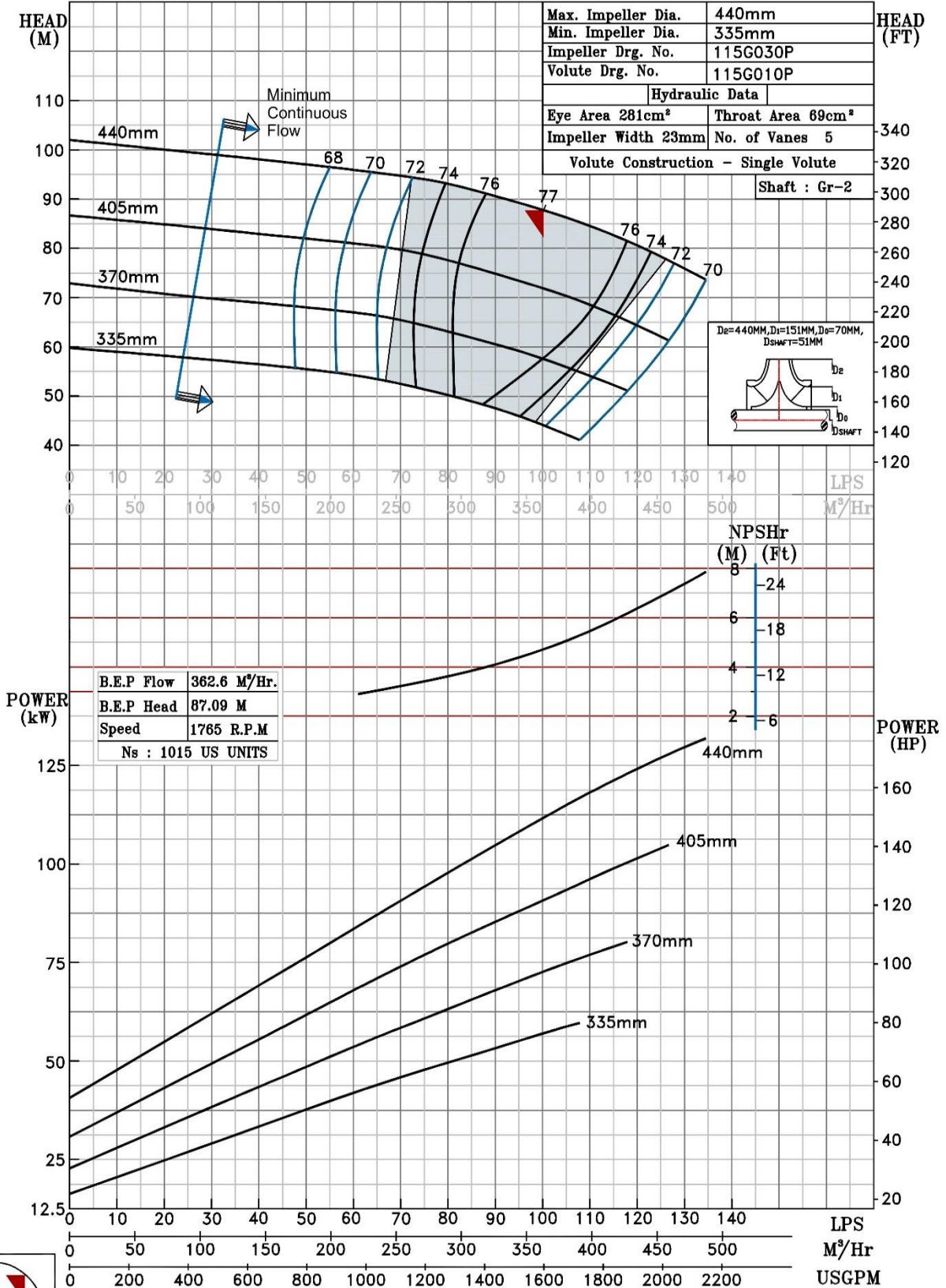


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 5HS17 @1765 R.P.M		5HS17/Y/101564	
 PUMPSENSE <i>HS RANGE</i>	MODEL 5HS17	WORKING PRESS.	16 bar
	SIZE 150x125-440	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 1765 rpm


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

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



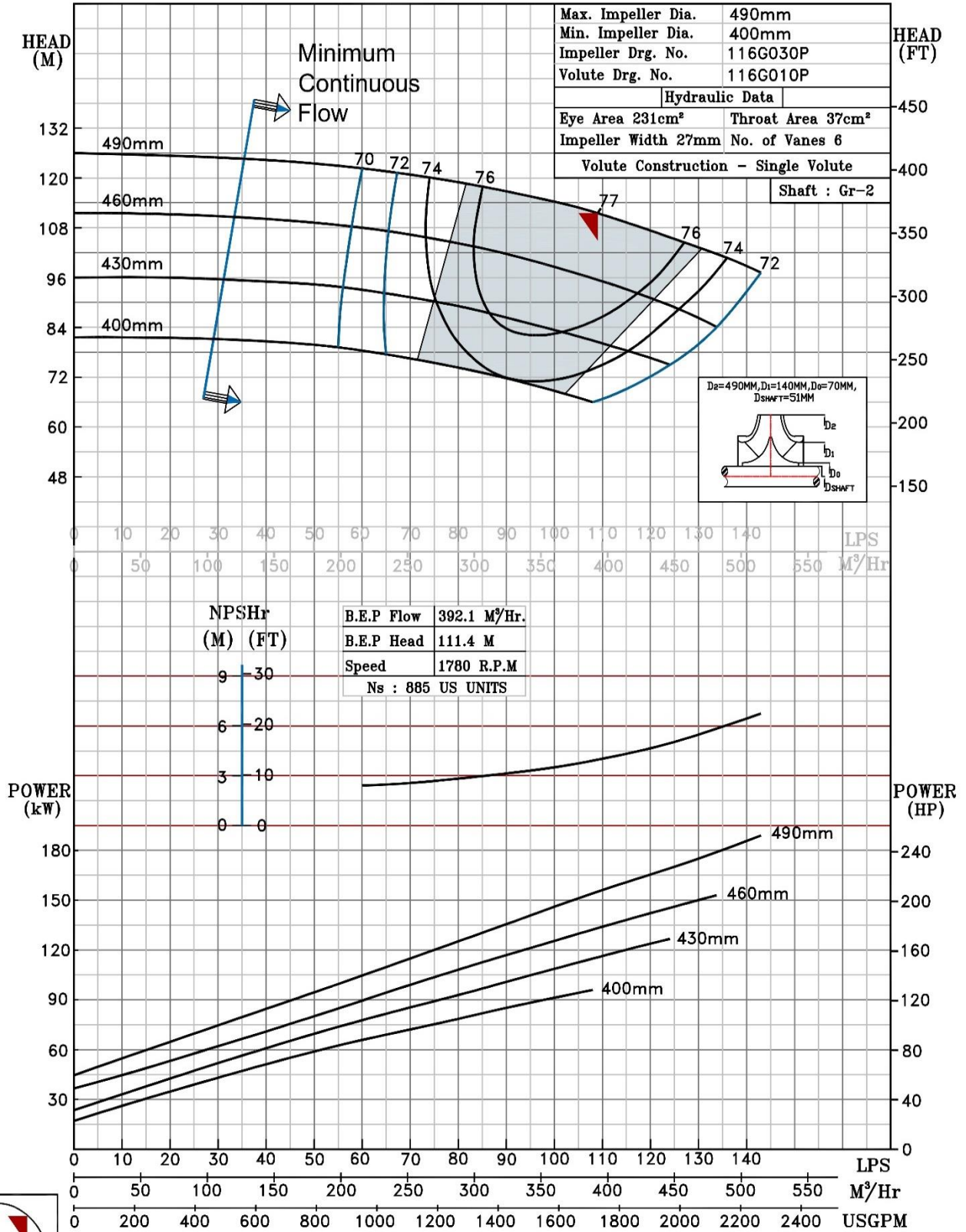
1765 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 5HS19 @1780 R.P.M		5HS19/Y/101664		
	PUMPSENSE <i>HS RANGE</i>		MODEL 5HS19	WORKING PRESS. 16 bar
			SIZE 150x125-490	TEST PRESS. 24 bar
			TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
			SPEED 1780 rpm	


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

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

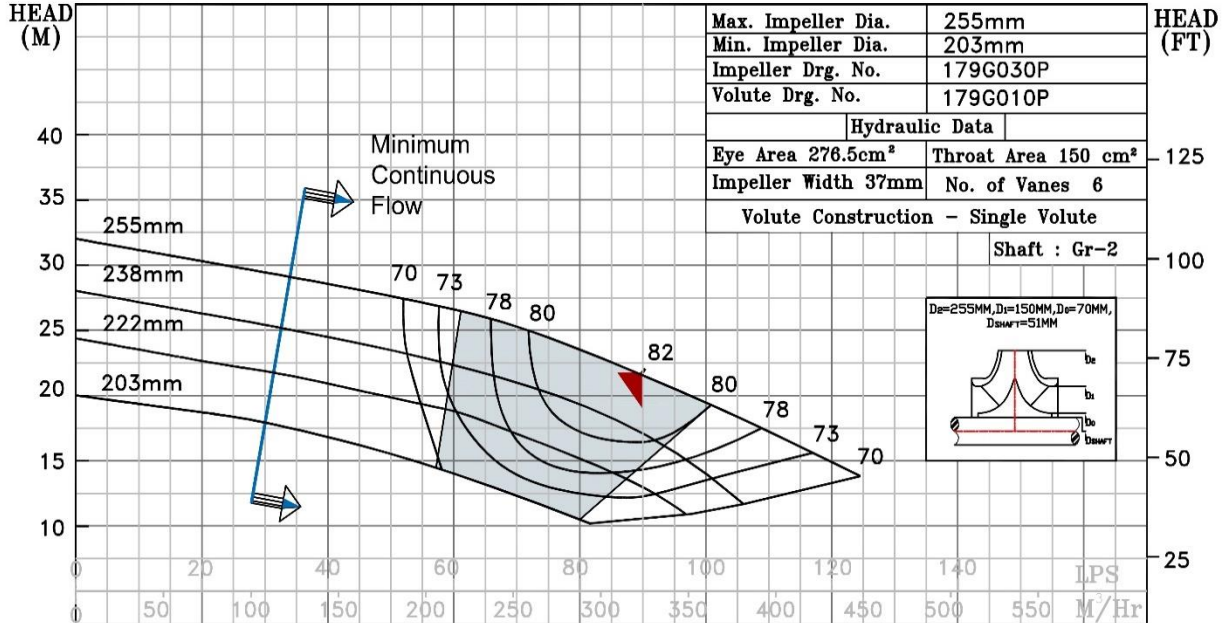


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

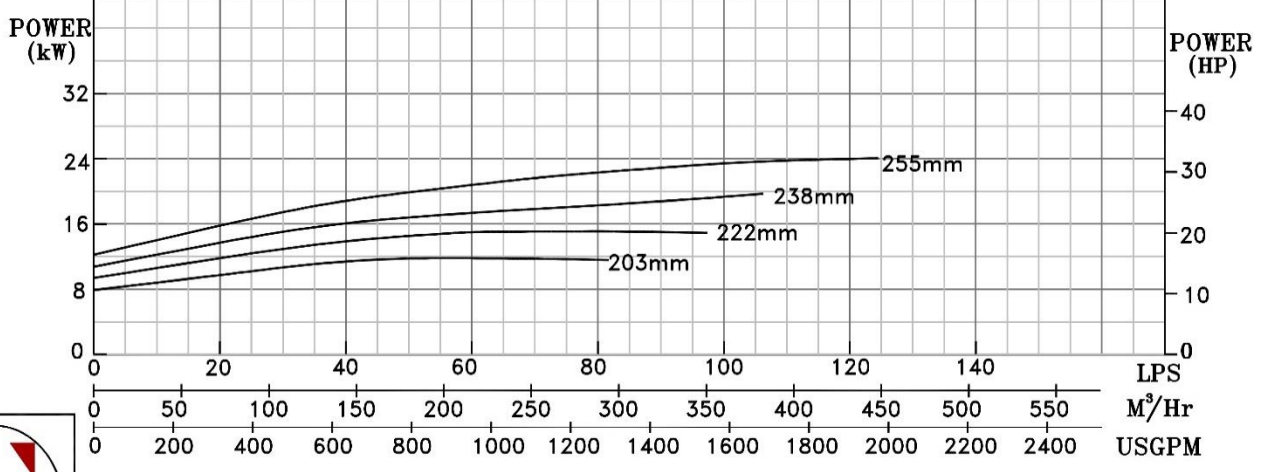
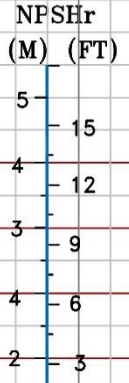
PERFORMANCE CURVE OF 6HS10 @ 1780 R.P.M		6HS10/Y/107964	
 PUMPSENSE <i>HS RANGE</i>	MODEL 6HS10	WORKING PRESS.	16 bar
	SIZE 150x125-255	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm

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.	255mm
Min. Impeller Dia.	203mm
Impeller Drg. No.	179G030P
Volute Drg. No.	179G010P
Hydraulic Data	
Eye Area 276.5cm ²	Throat Area 150 cm ²
Impeller Width 37mm	No. of Vanes 6
Volute Construction - Single Volute	
Shaft : Gr-2	

B.E.P Flow	324.7 M ³ /Hr.
B.E.P Head	21.6 M
Speed	1780 R.P.M
Ns : 2738	US UNITS

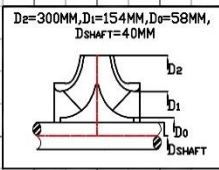
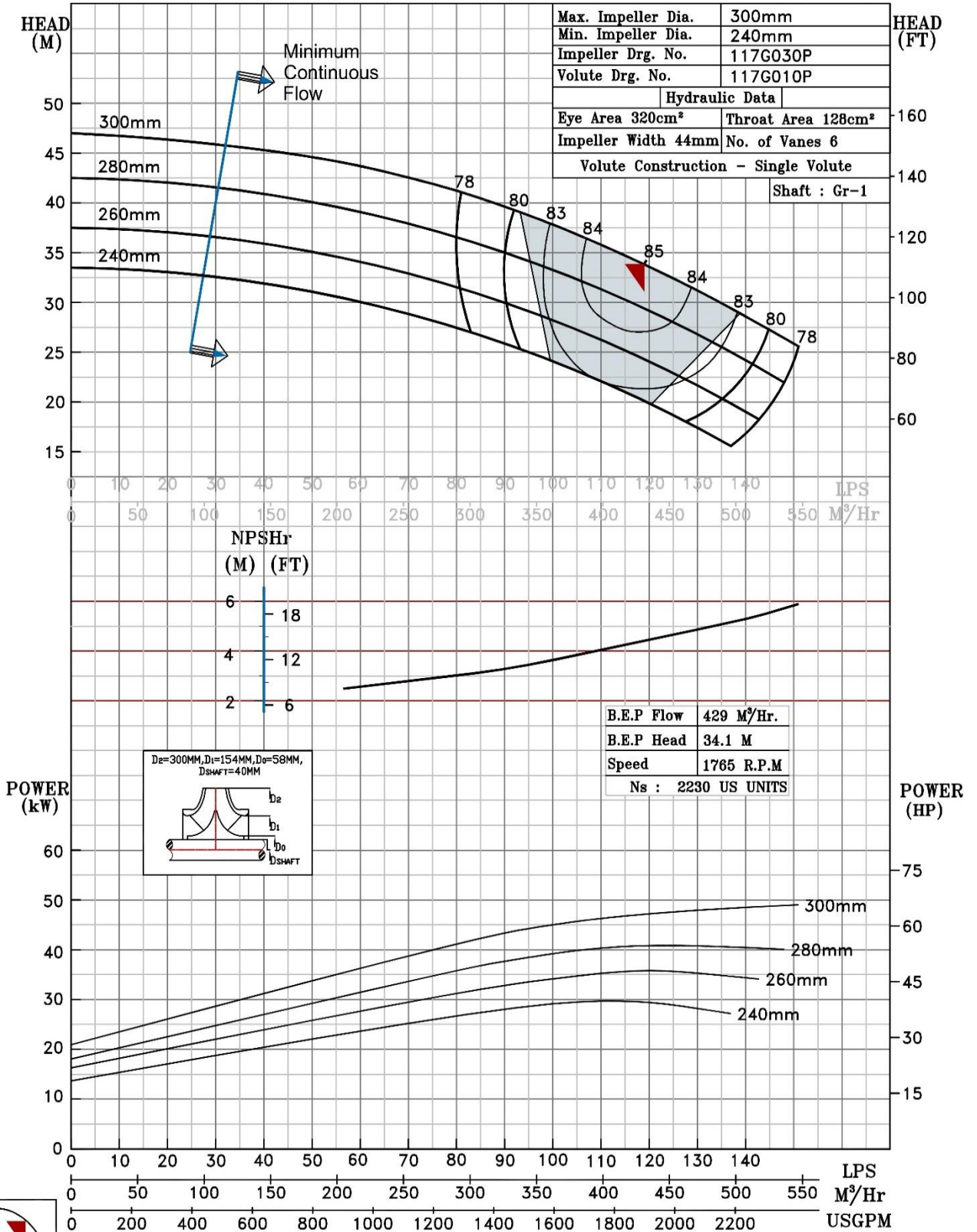


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 6HS12 @1765 R.P.M		6HS12/X/101764	
 PUMPSENSE <i>HS RANGE</i>	MODEL 6HS12	WORKING PRESS.	16 bar
	SIZE 200x150-300	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1765 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

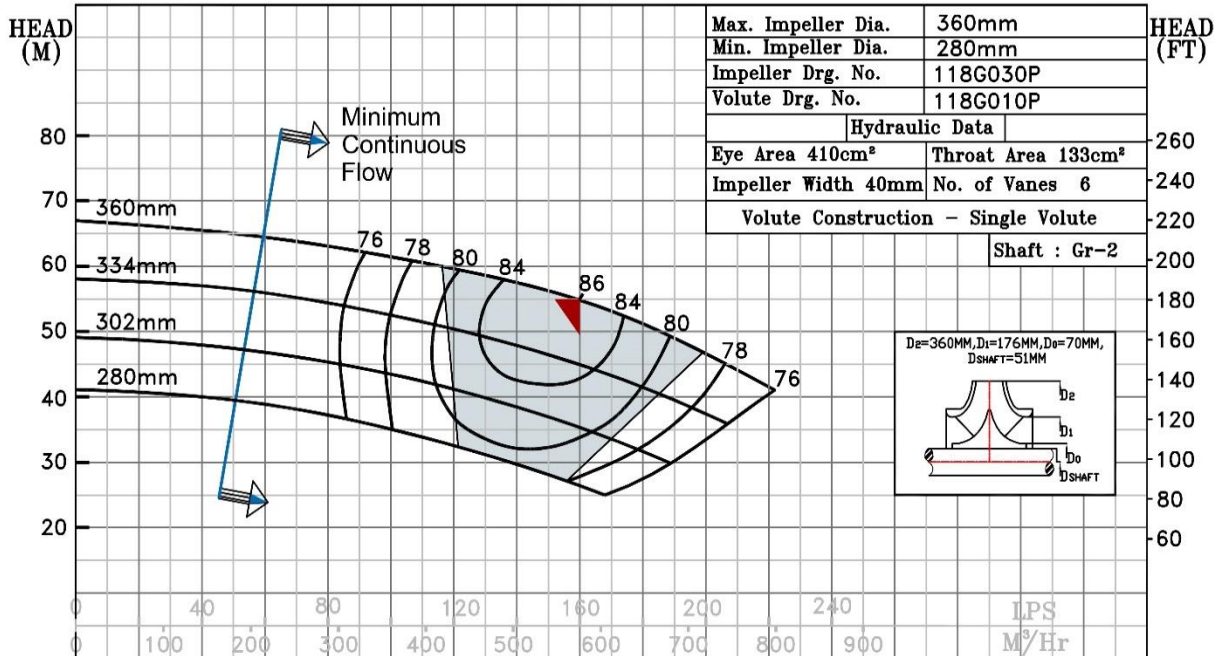


1765 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

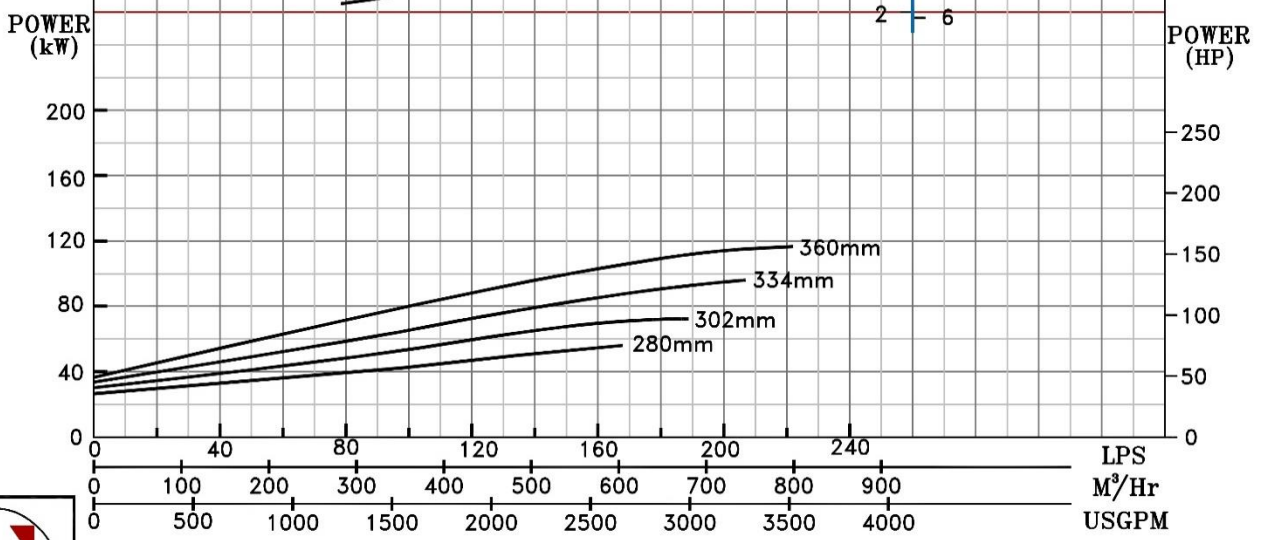
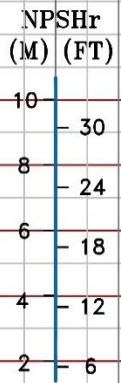
PERFORMANCE CURVE OF 6HS14 @1780 R.P.M		6HS14/Y/101864	
 PUMPSENSE <i>HS RANGE</i>	MODEL 6HS14	WORKING PRESS.	16 bar
	SIZE 200x150-360	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

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.	360mm
Min. Impeller Dia.	280mm
Impeller Drg. No.	118G030P
Volute Drg. No.	118G010P
Hydraulic Data	
Eye Area 410cm ²	Throat Area 133cm ²
Impeller Width 40mm	No. of Vanes 6
Volute Construction - Single Volute	
Shaft : Gr-2	

B.E.P Flow	577 M ³ /Hr.
B.E.P Head	54.97 M
Speed	1780 R.P.M
Ns :	1824 US UNITS

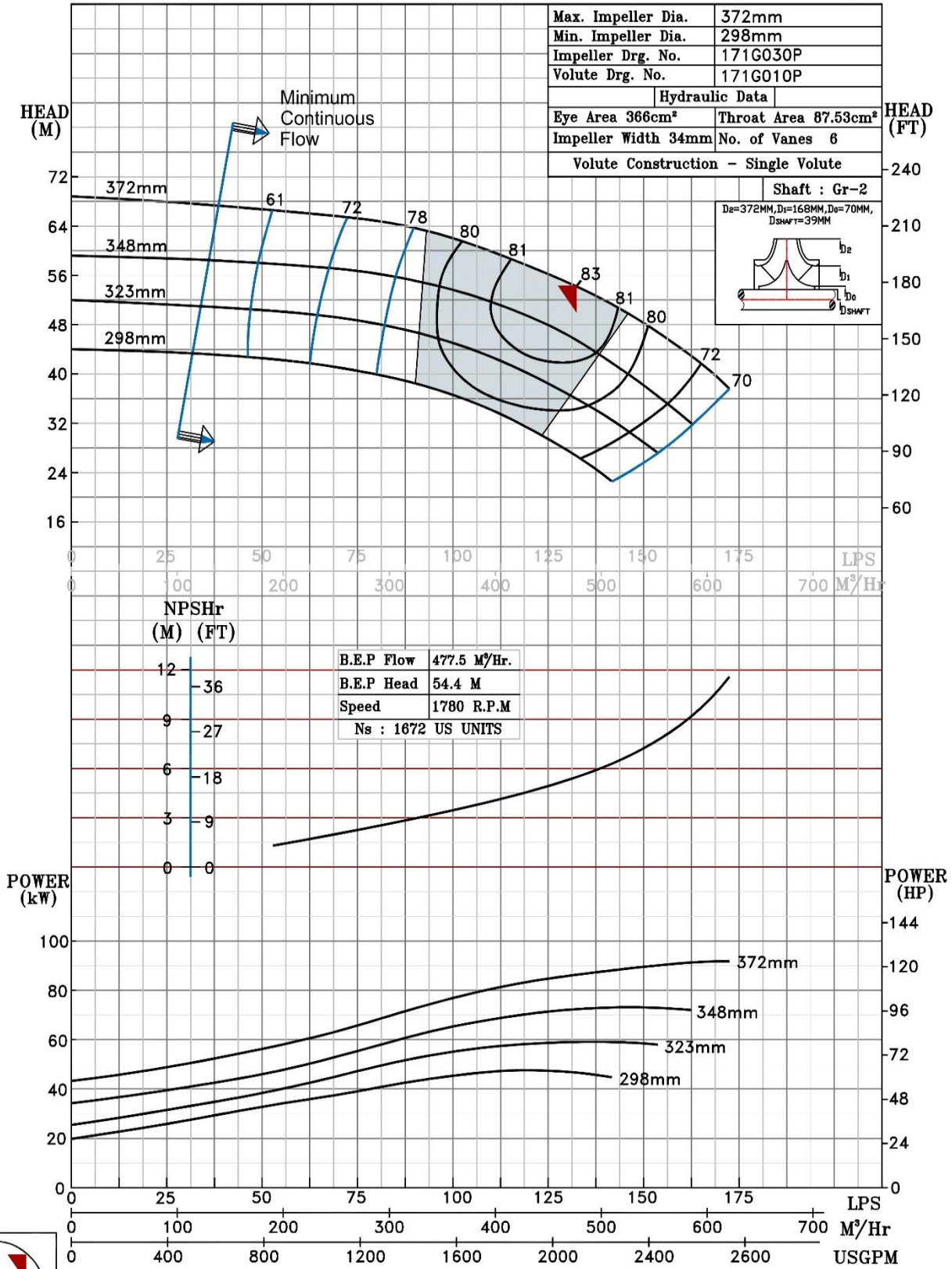


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 6HS15 @1780 R.P.M		6HS15/Y/107164		
 PUMPSENSE <i>HS RANGE</i>	MODEL 6HS15		WORKING PRESS. 16 bar	
	SIZE 200x150-372		TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE			SPEED 1780 rpm

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

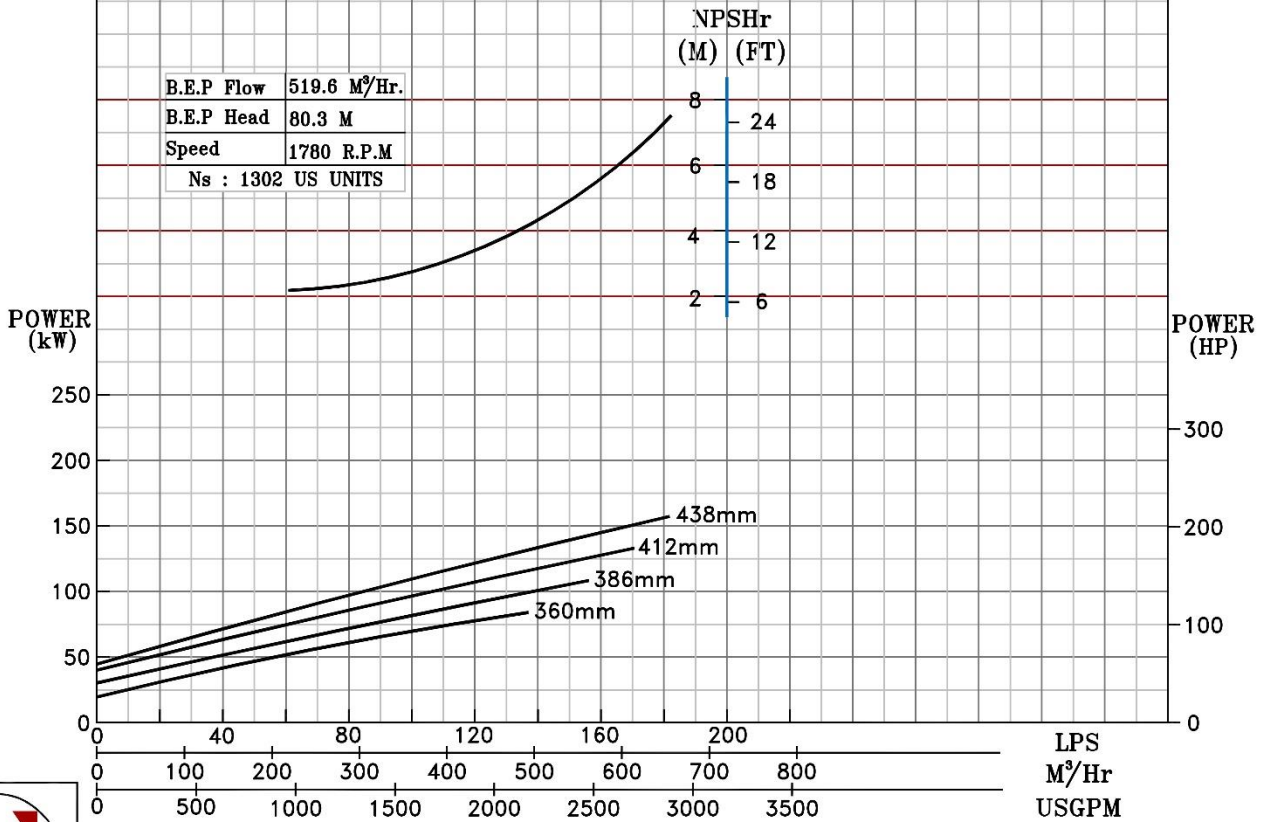
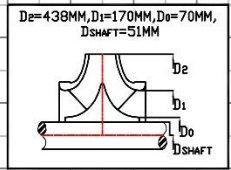
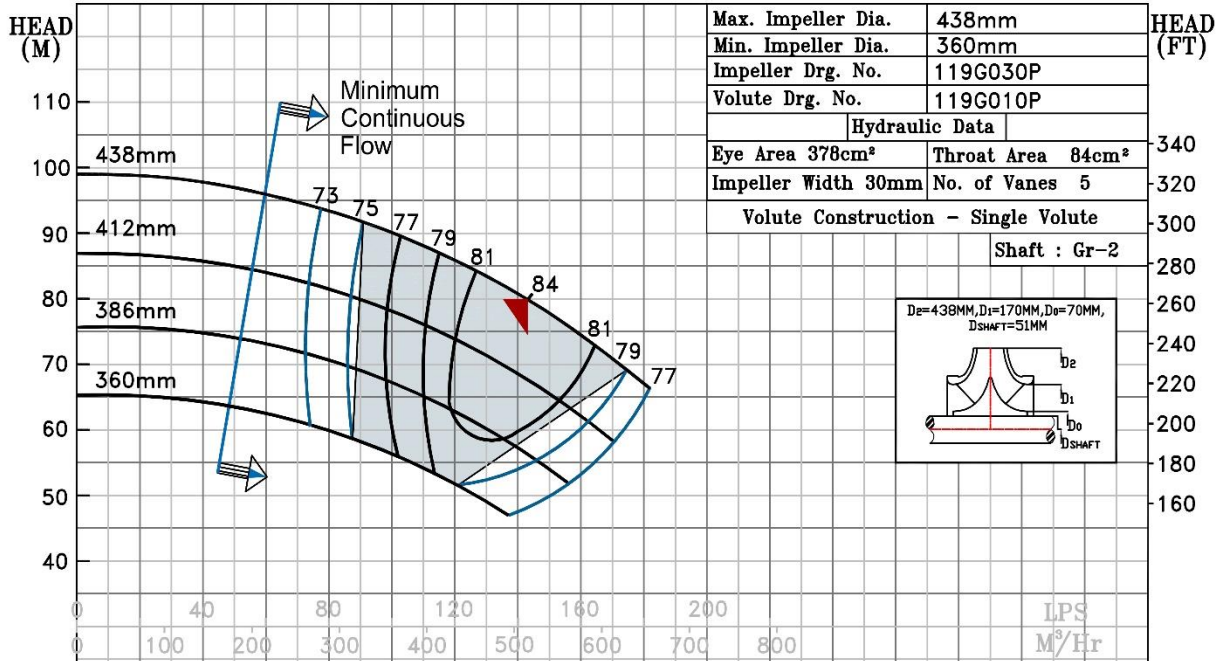


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 6HS17 @1780 R.P.M		6HS17/Y/101964	
 PUMPSENSE <i>HS RANGE</i>	MODEL 6HS17	WORKING PRESS.	16 bar
	SIZE 200x150-438	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



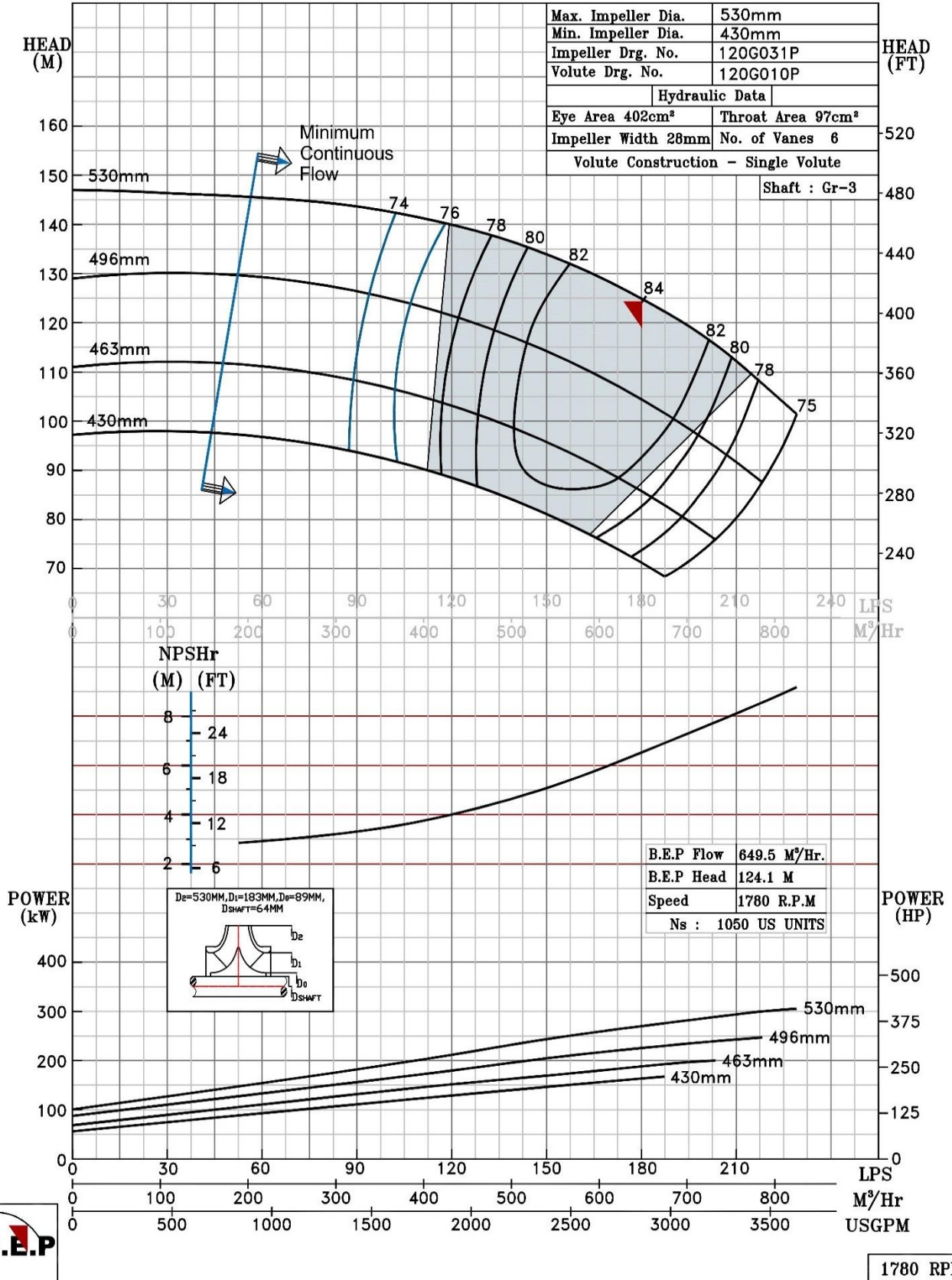
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 6HS21 @1780 R.P.M		6HS21/Y/102064	
 PUMPSENSE <i>HS RANGE</i>	MODEL 6HS21	WORKING PRESS.	16 bar
	SIZE 200x150-530	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

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

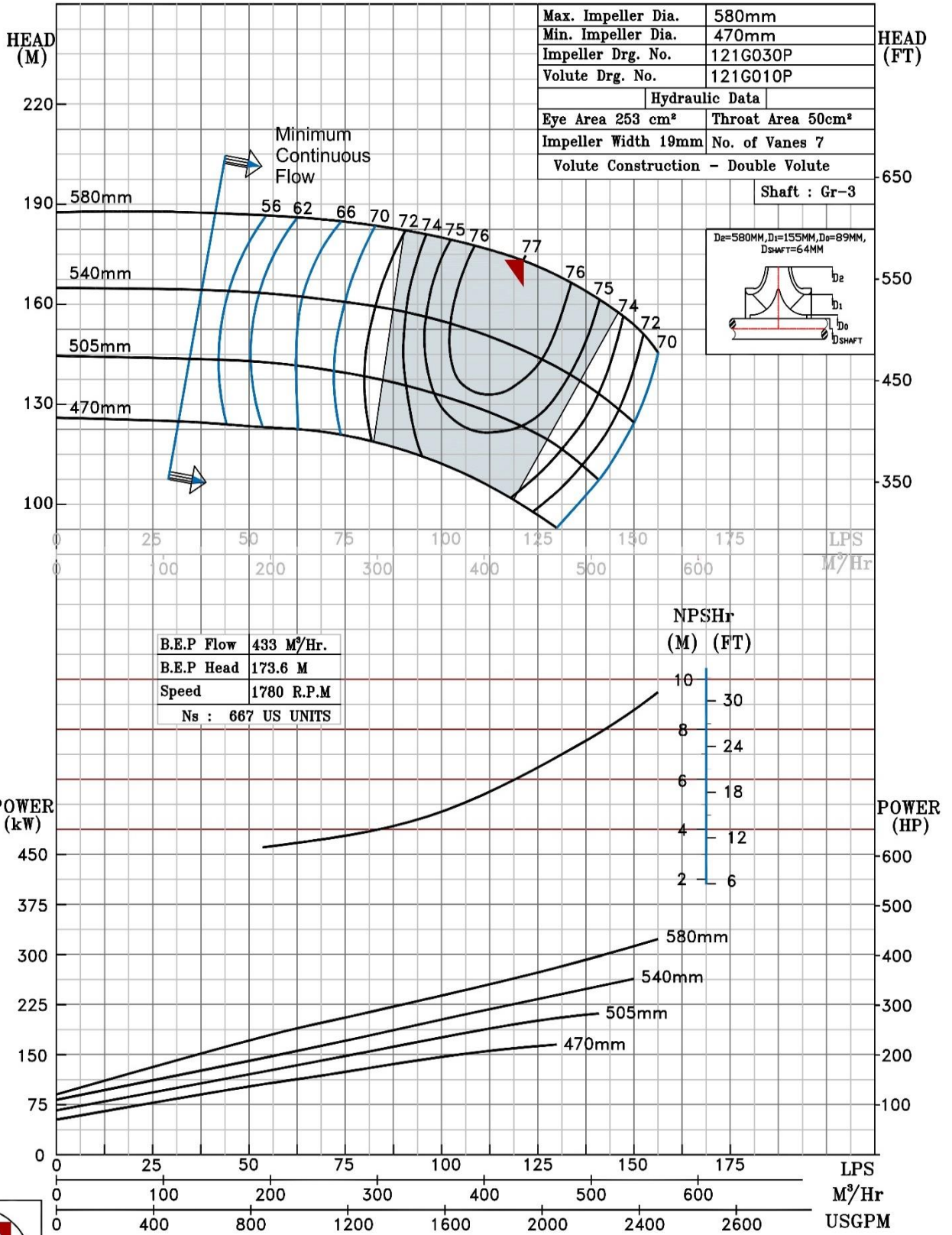
PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 6HS23 @1780 R.P.M		6HS23/Y/102164	
 PUMPSENSE <i>HS RANGE</i>	MODEL 6HS23	WORKING PRESS	20 bar
	SIZE 200x150-580	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

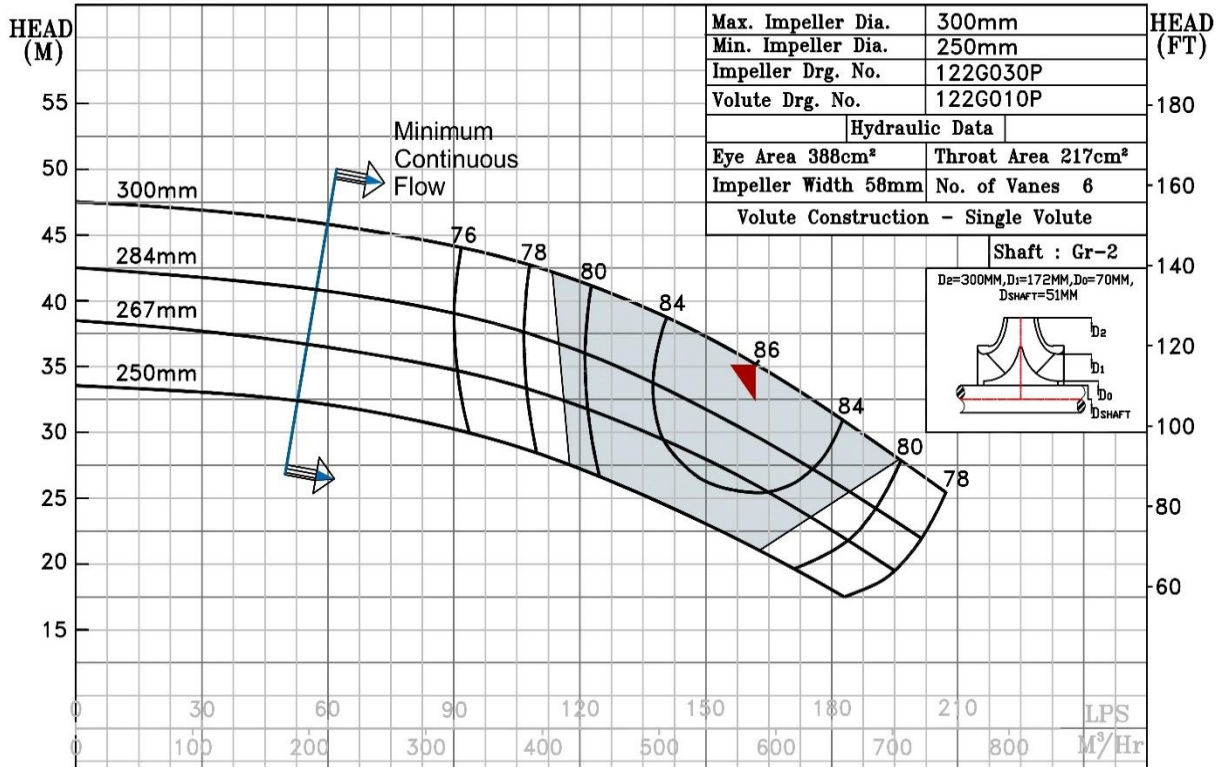


1780 RPM

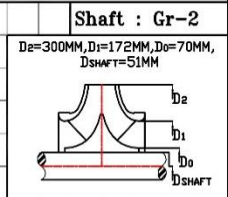
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS12 @1780 R.P.M		8HS12/X/102264		
 PUMPSENSE <i>HS RANGE</i>	MODEL 8HS12	WORKING PRESS.	16 bar	
	SIZE 200x200-300	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm	

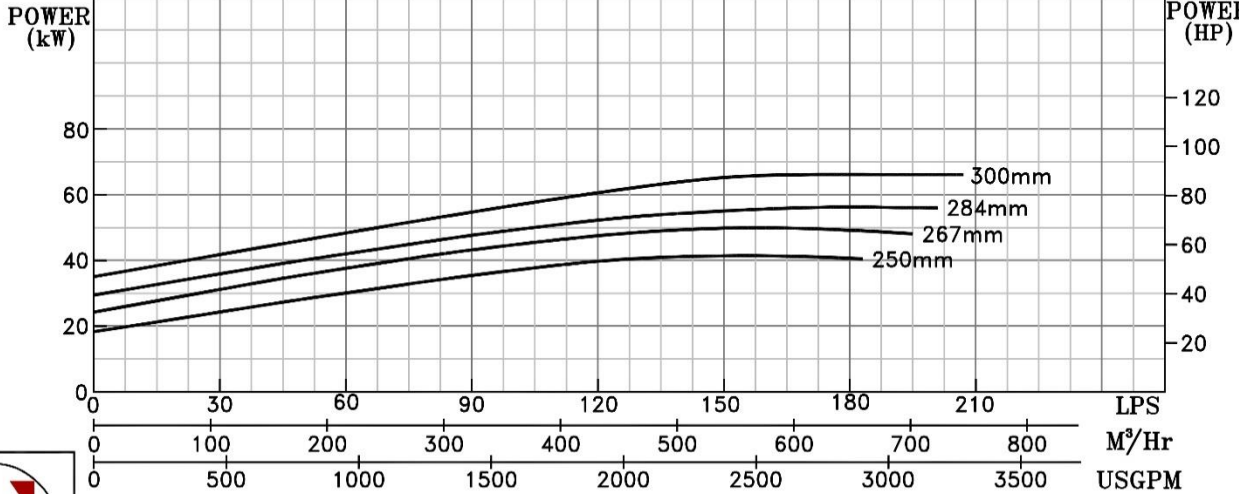
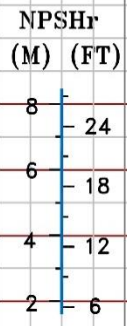
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



Max. Impeller Dia.	300mm
Min. Impeller Dia.	250mm
Impeller Drg. No.	122G030P
Volute Drg. No.	122G010P
Hydraulic Data	
Eye Area 388cm ²	Throat Area 217cm ²
Impeller Width 58mm	No. of Vanes 6
Volute Construction - Single Volute	




B.E.P Flow	583.3 M ³ /Hr.
B.E.P Head	35.29 M
Speed	1780 R.P.M
Ns	2556 US UNITS



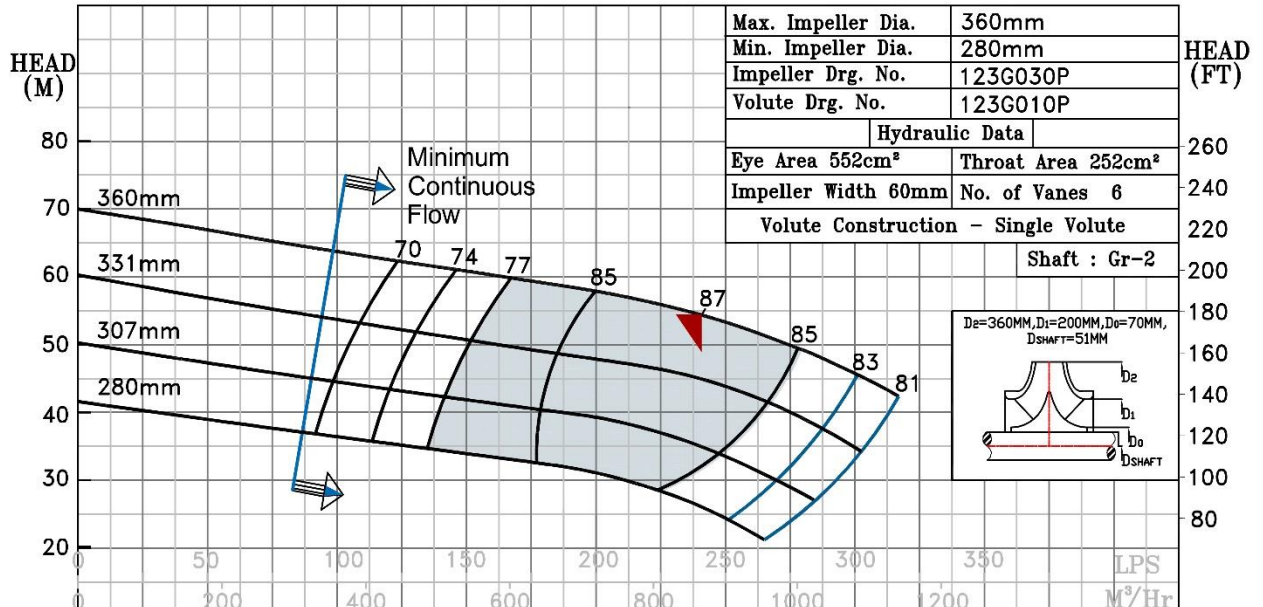
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

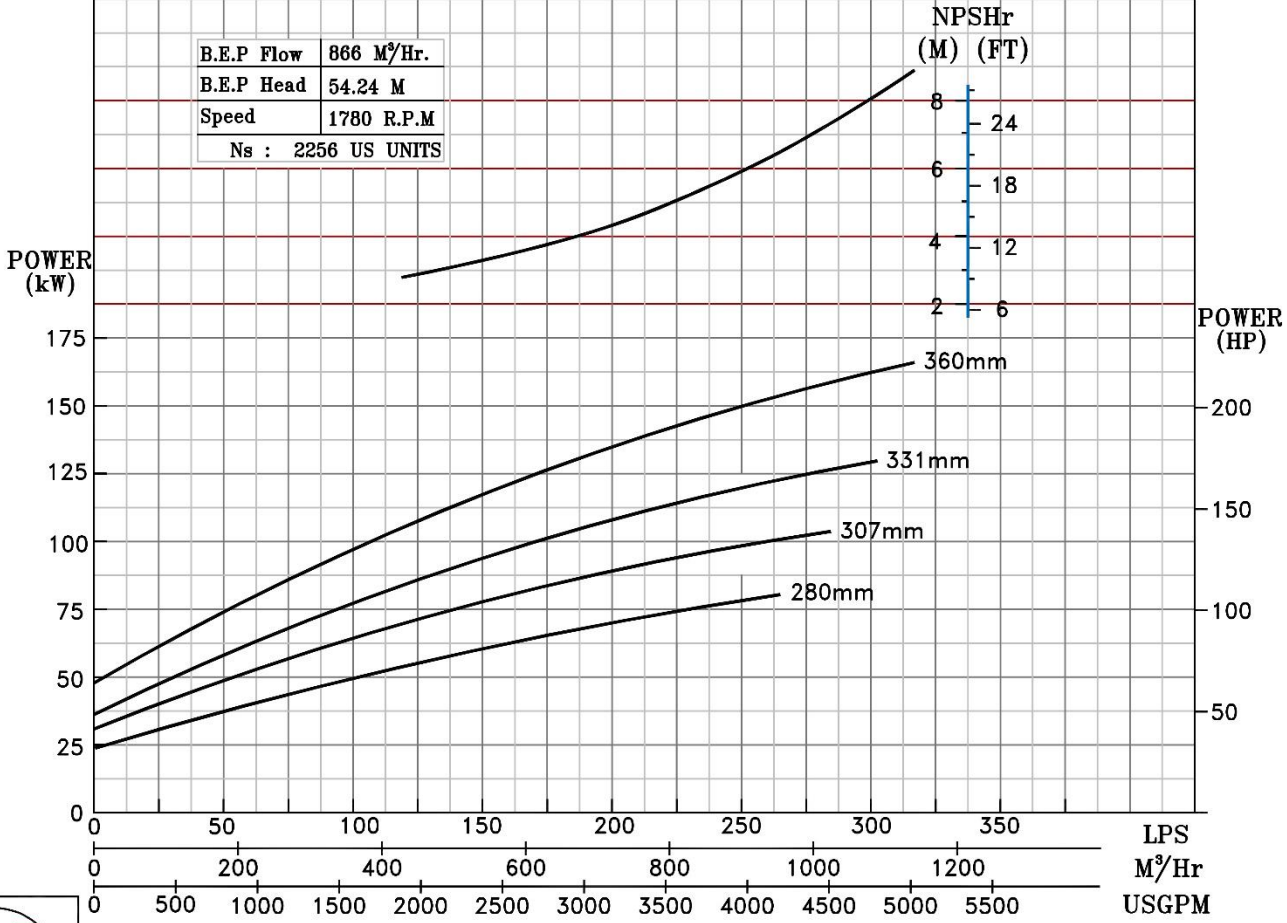
PERFORMANCE CURVE OF 8HS14 @1780 R.P.M		8HS14/X/102364	
 <p>PUMPSENSE HS RANGE</p>	MODEL 8HS14	WORKING PRESS.	16 bar
	SIZE 250x200-360	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 1780 rpm

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

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




B.E.P Flow	866 M ³ /Hr.
B.E.P Head	54.24 M
Speed	1780 R.P.M
Ns :	2256 US UNITS

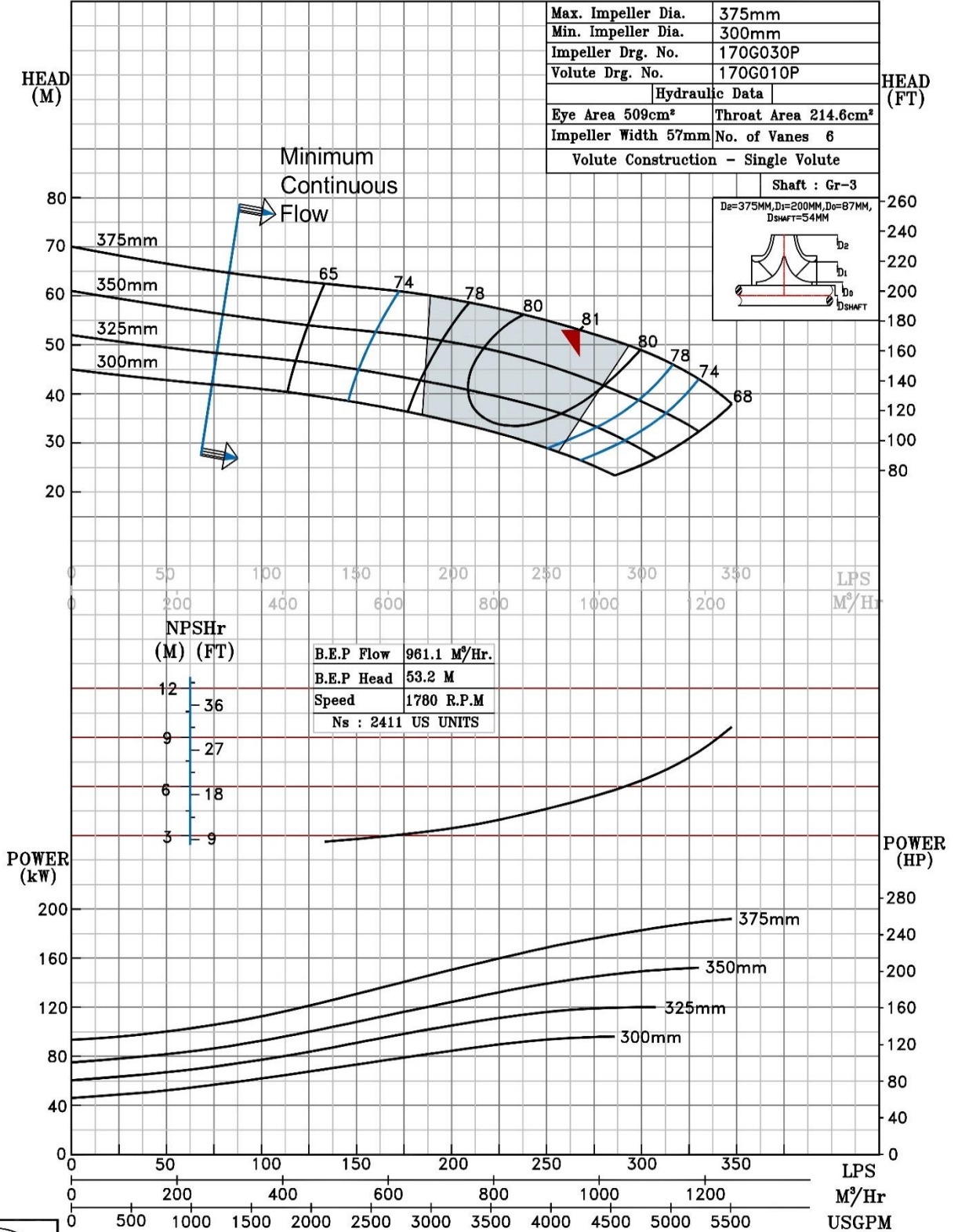


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 8HS15 @1780 R.P.M		8HS15/Y/107064	
 <p>PUMPSENSE HS RANGE</p>	MODEL 8HS15	WORKING PRESS.	16 bar
	SIZE 250x200-375	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

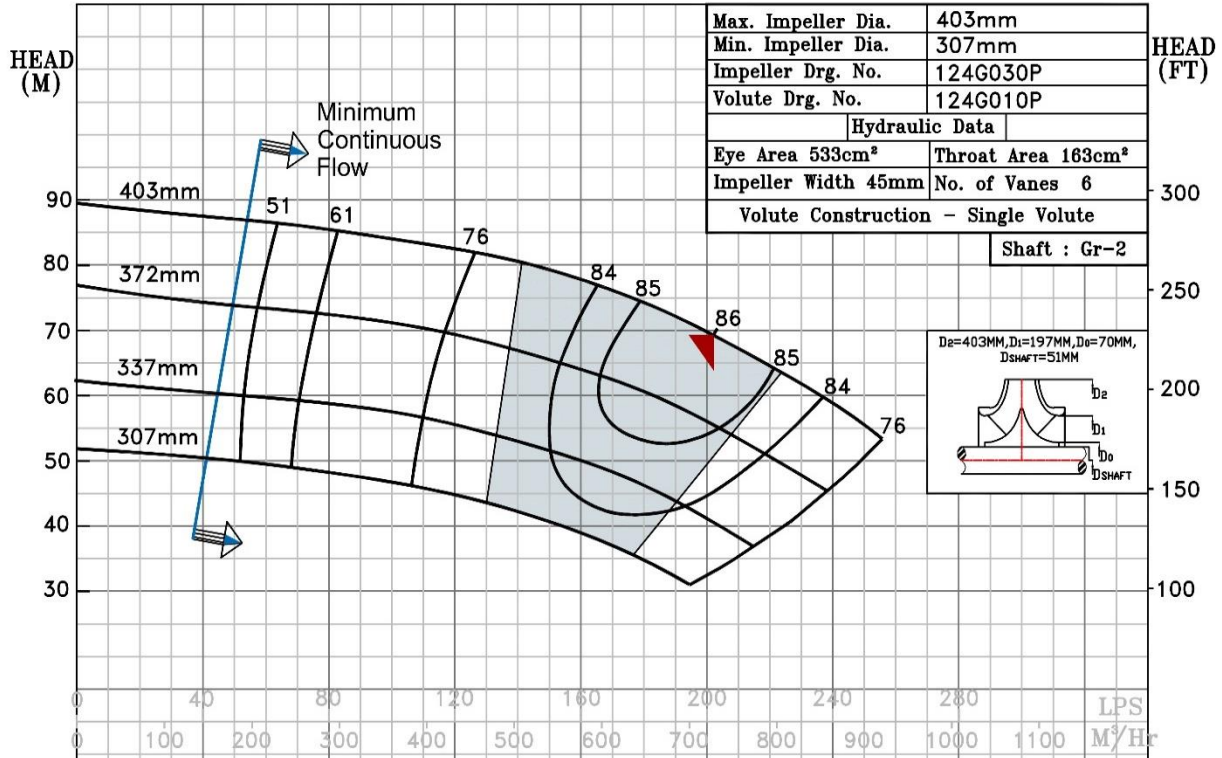


1780 RPM

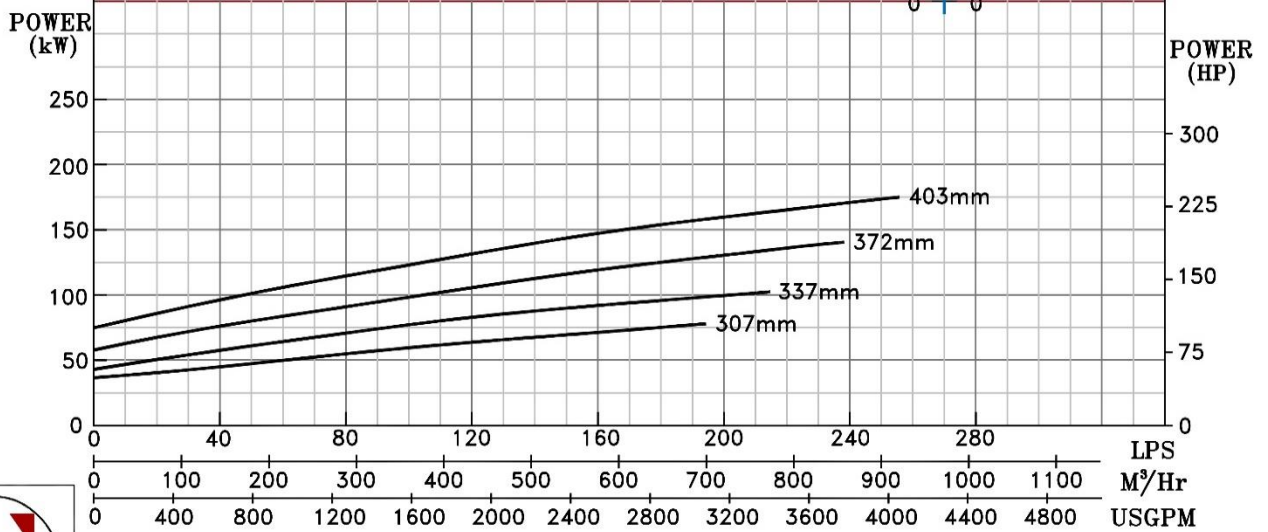
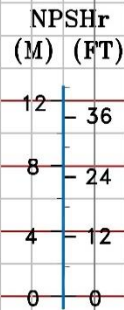
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS16 @1780 R.P.M		8HS16/Y/102464		
 <p>PUMPSENSE HS RANGE</p>	MODEL 8HS16	WORKING PRESS.	16 bar	
	SIZE 200x200-403	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm	

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



B.E.P Flow	720.1 M ³ /Hr.
B.E.P Head	67.6 M
Speed	1780 R.P.M
Ns :	1750 US UNITS



1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS17 @1780 R.P.M

8HS17/Y/102564



PUMPSENSE

HS RANGE

MODEL 8HS17

WORKING PRESS. 16 bar

SIZE 200x200-440

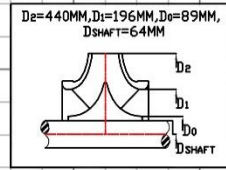
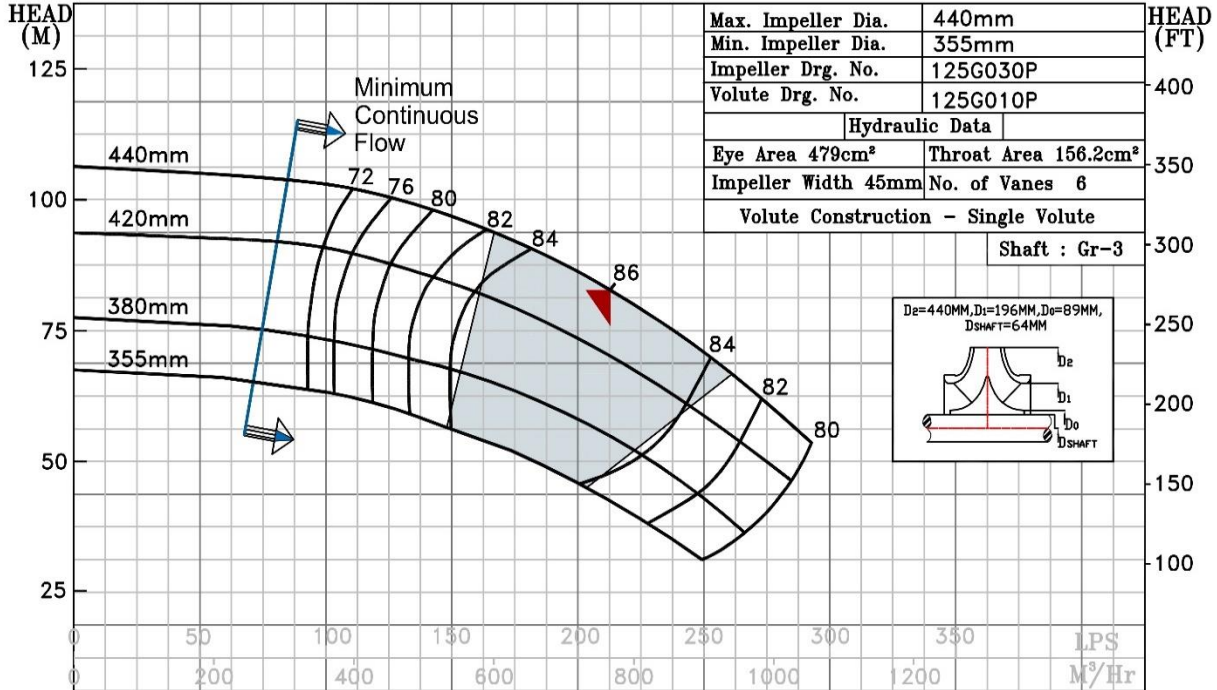
TEST PRESS. 24 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

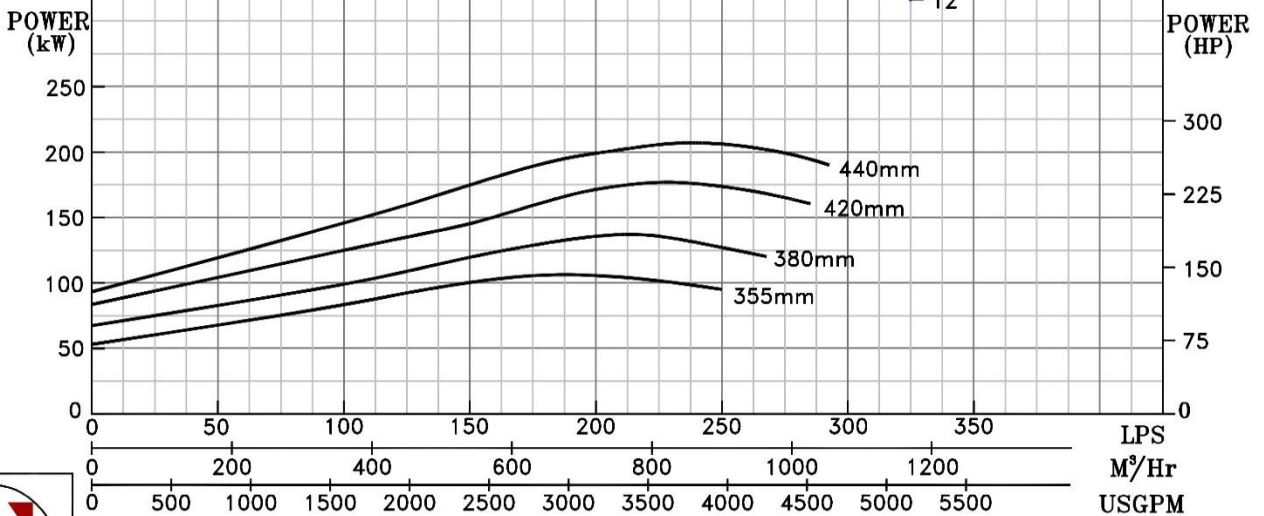
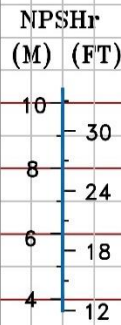
SPEED 1780 rpm

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

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




B.E.P Flow	767 M ³ /Hr.
B.E.P Head	83 M
Speed	1780 R.P.M
Ns	1543 US UNITS

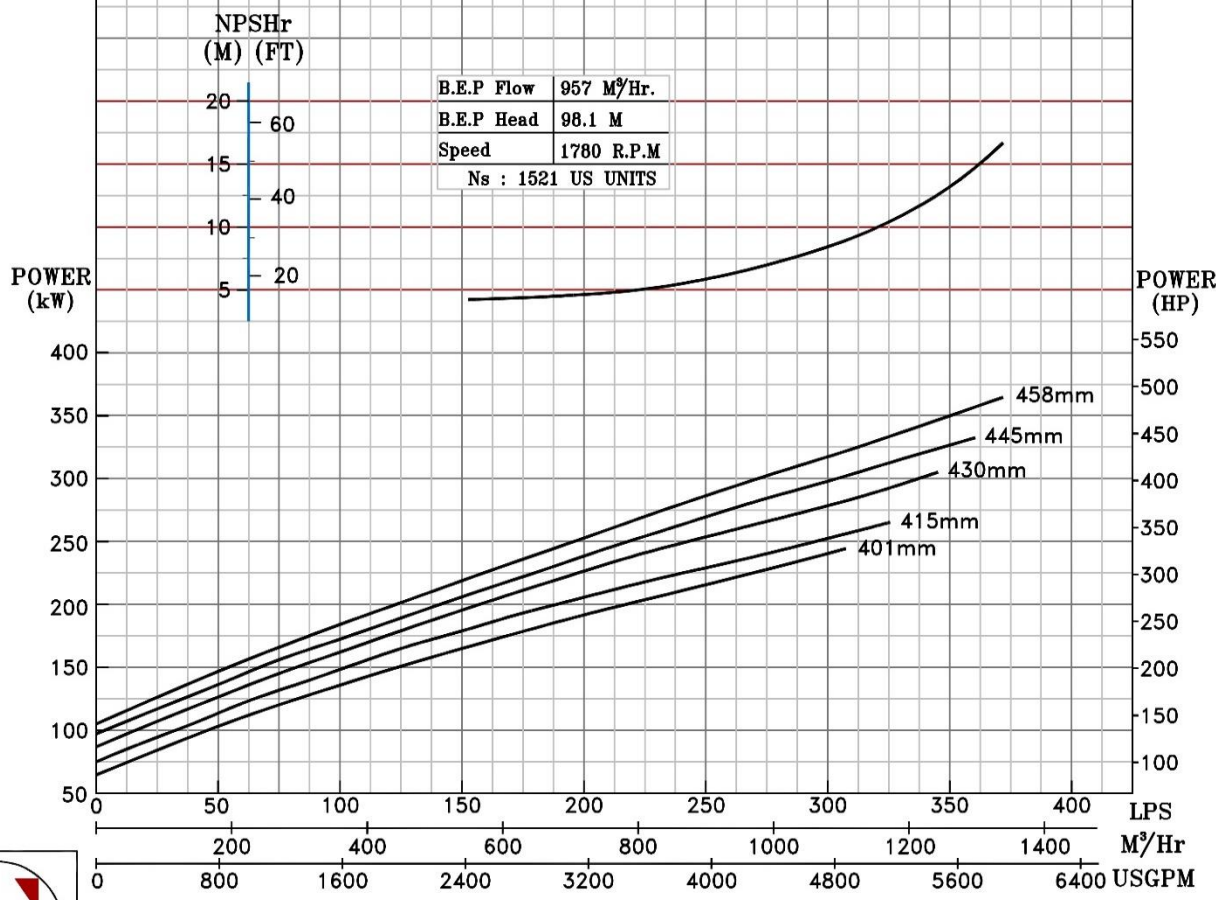
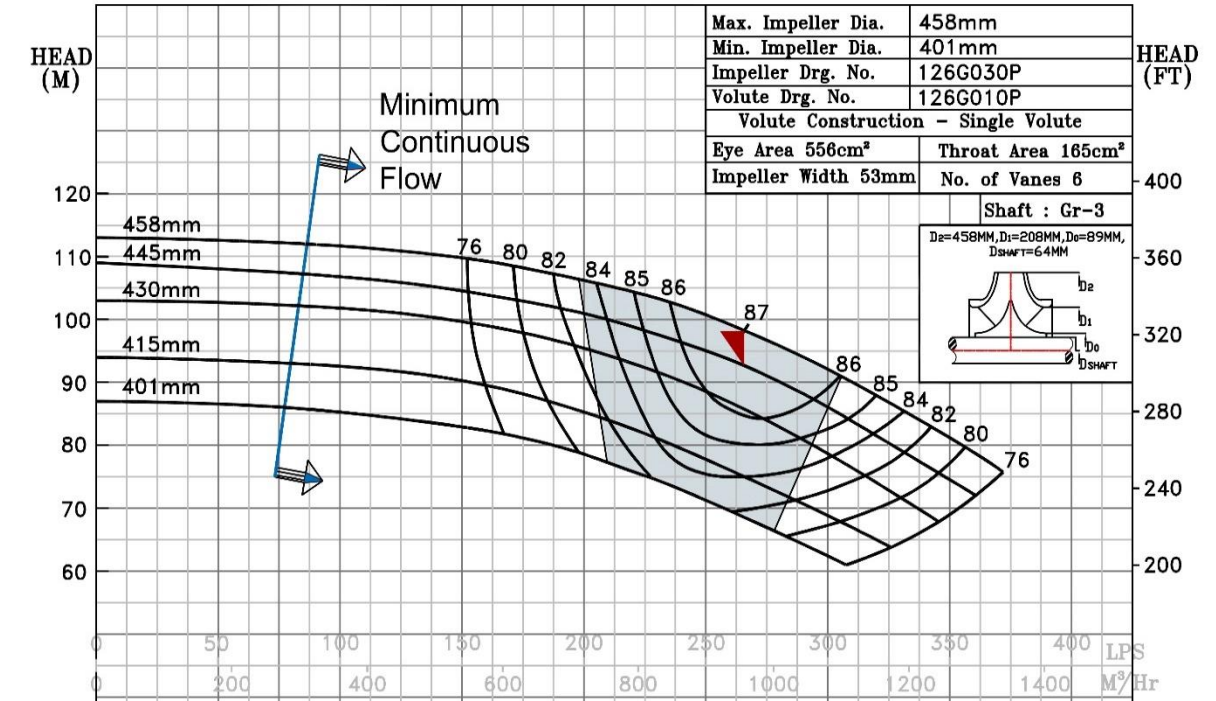


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 8HS18TA @1780 R.P.M		8HS18TA/X/102664	
 PUMPSENSE <i>HS RANGE</i>	MODEL 8HS18TA	WORKING PRESS. 16 bar	
	SIZE 250x200-458	TEST PRESS. 24 bar	
	TYPE -AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



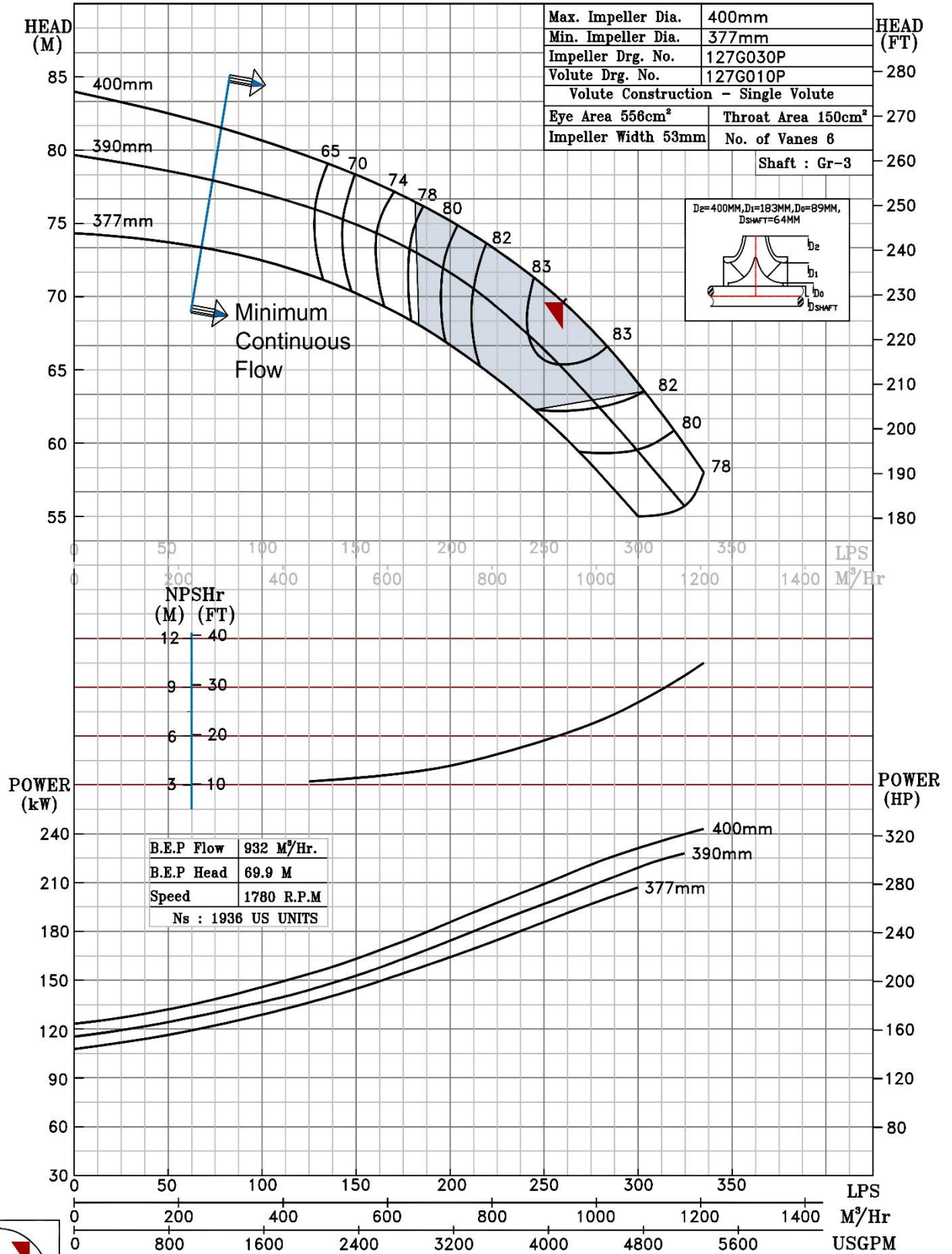
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS18TB @1780 R.P.M		8HS18TB/X/102784	
 PUMPSENSE <i>HS RANGE</i>	MODEL 8HS18TB	WORKING PRESS.	16 bar
	SIZE 250x200-400	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
SPEED 1780 rpm			


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

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

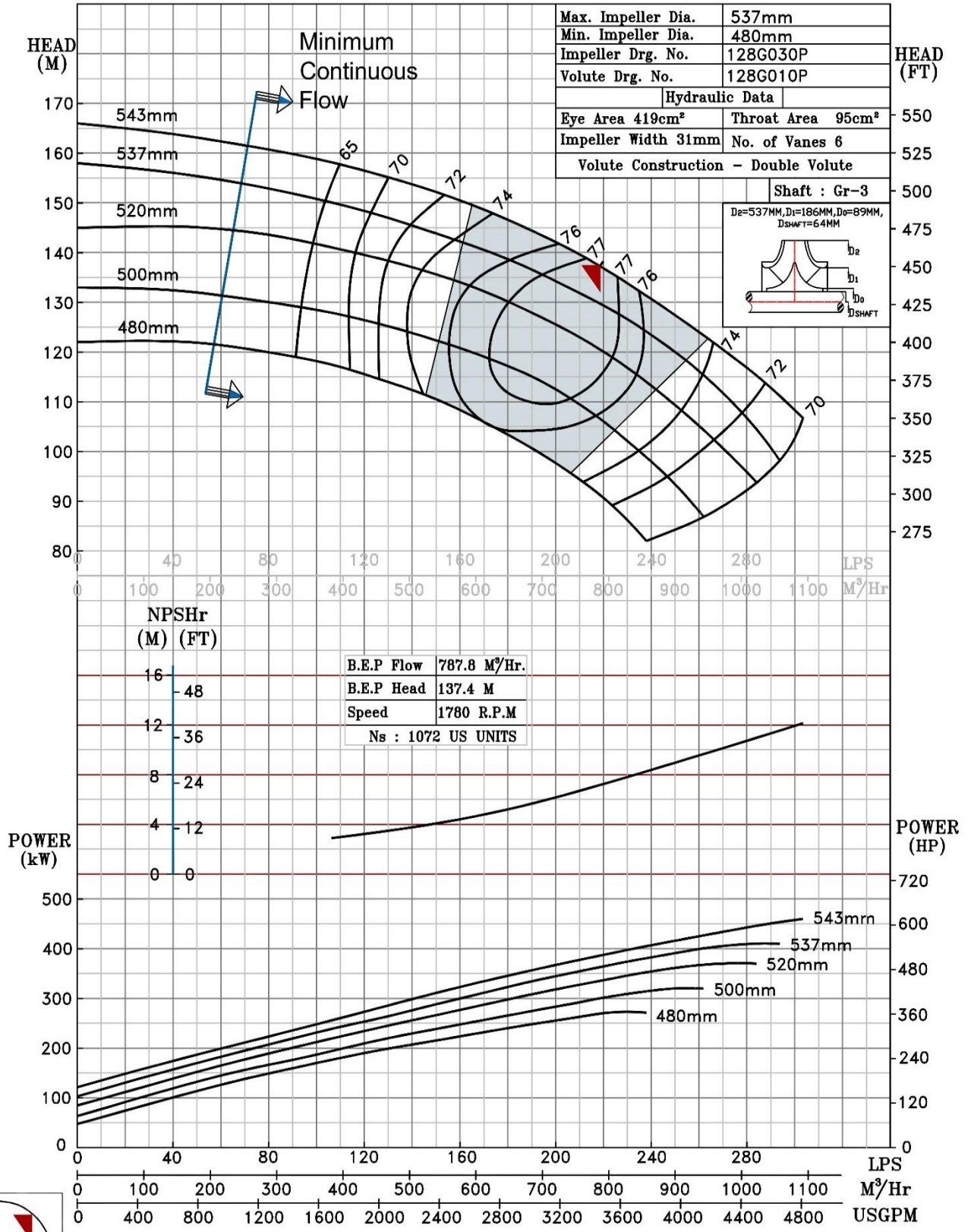


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 8HS21TA @1780 R.P.M		8HS21TA/X/102864	
 PUMPSense <i>HS RANGE</i>	MODEL 8HS21TA	WORKING PRESS. 20 bar	
	SIZE 200x200-537	TEST PRESS. 30 bar	
	TYPE -AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

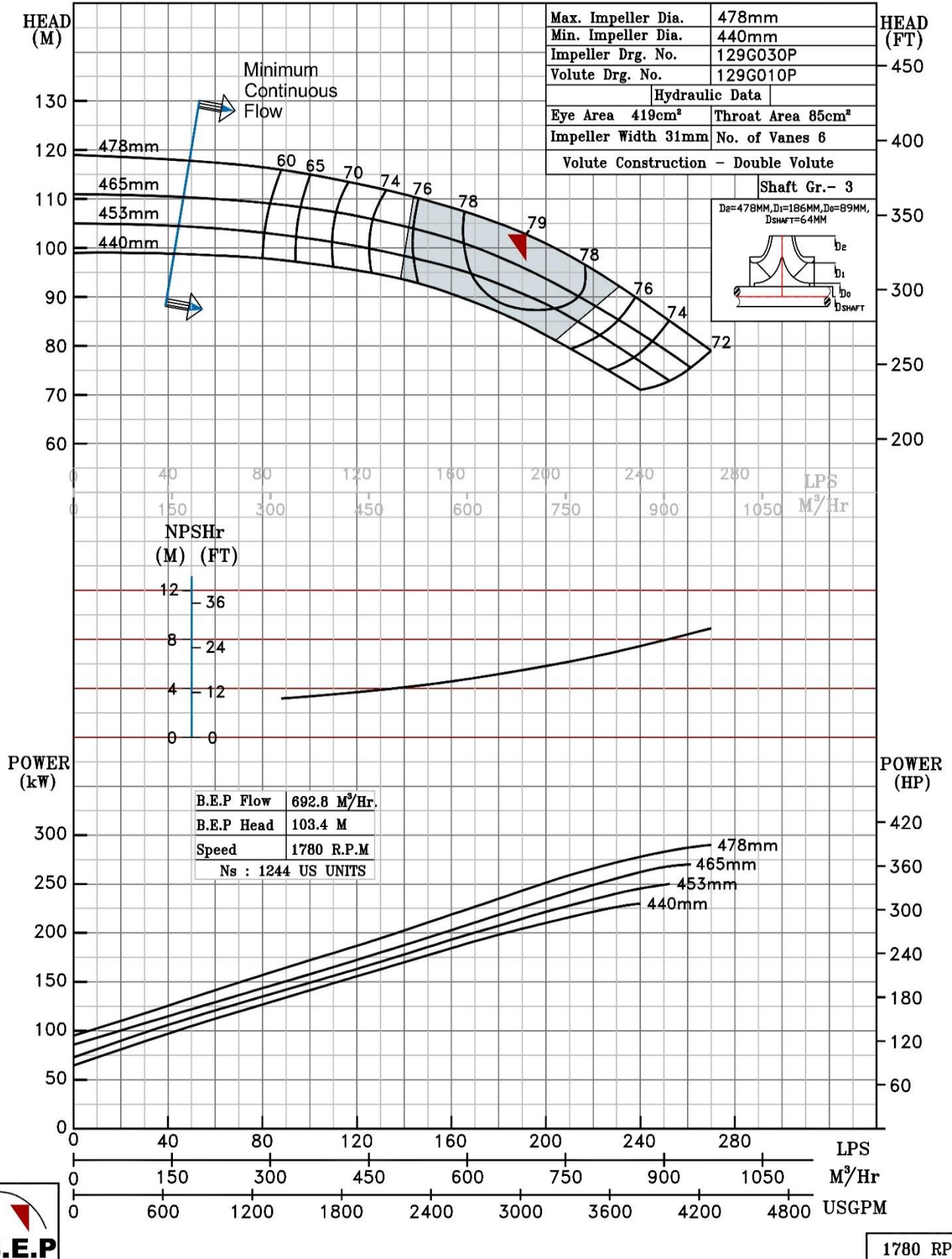


1780 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS21TB @1780 R.P.M		8HS21TB/X/102964		
 PUMPSENSE <i>HS RANGE</i>	MODEL 8HS21TB	WORKING PRESS. 16 bar		
	SIZE 200x200-478	TEST PRESS. 24 bar		
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE			
			SPEED 1780 rpm	

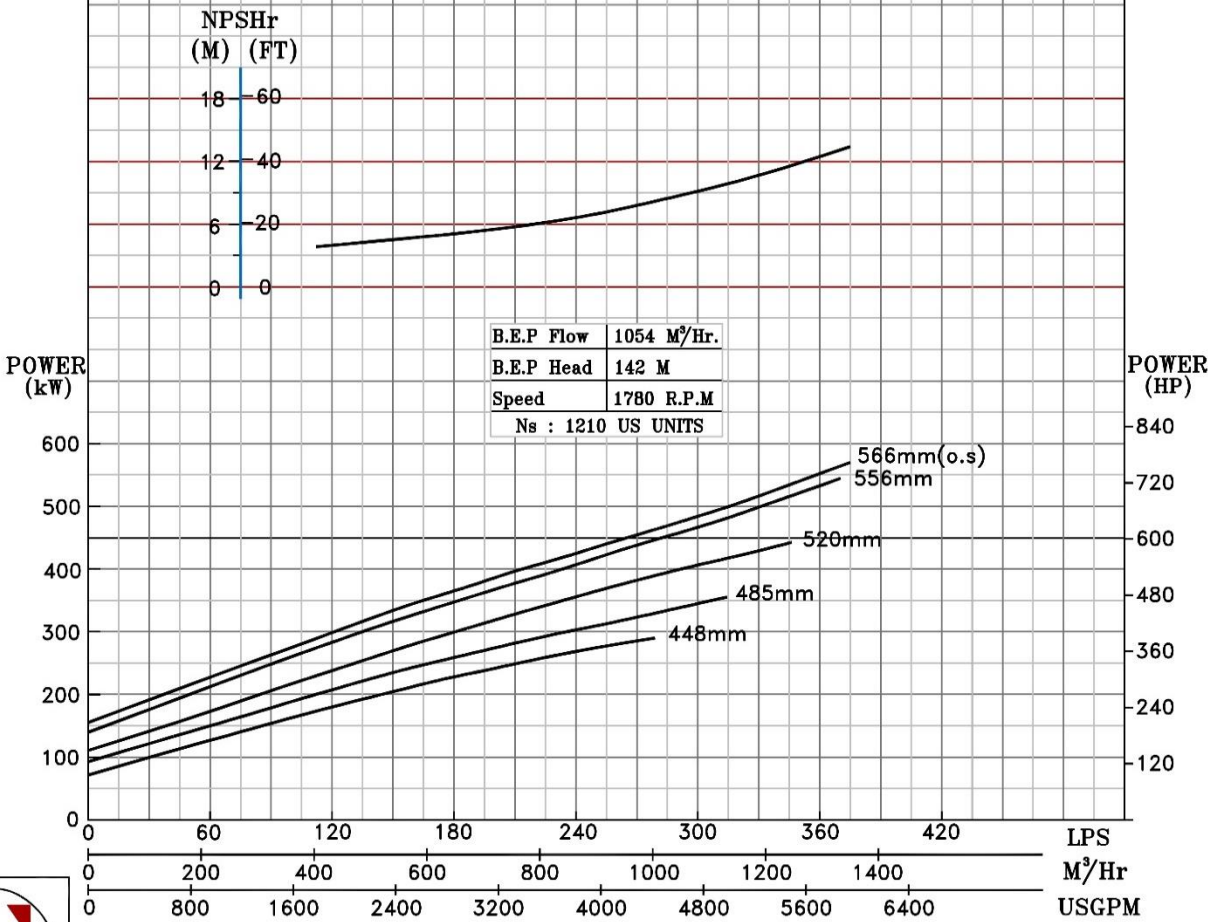
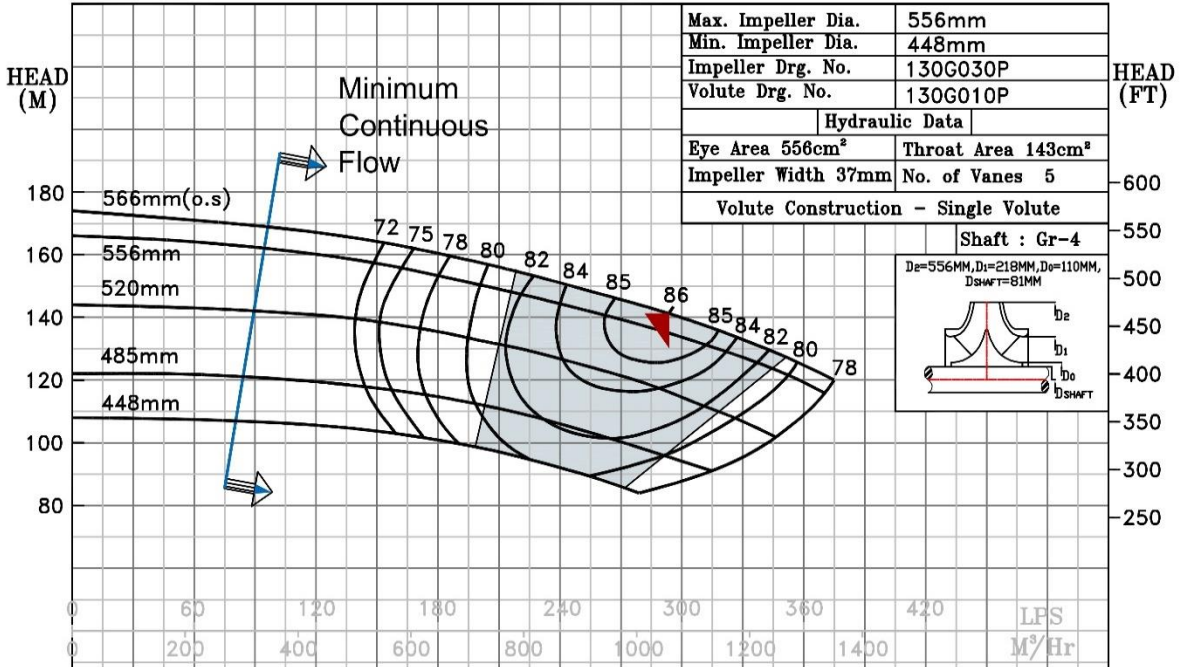
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 8HS22 @1780 R.P.M		8HS22/Y/103064	
 PUMPSENSE <i>HS RANGE</i>	MODEL	8HS22	WORKING PRESS. 20 bar
	SIZE	250x200-556	TEST PRESS. 30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



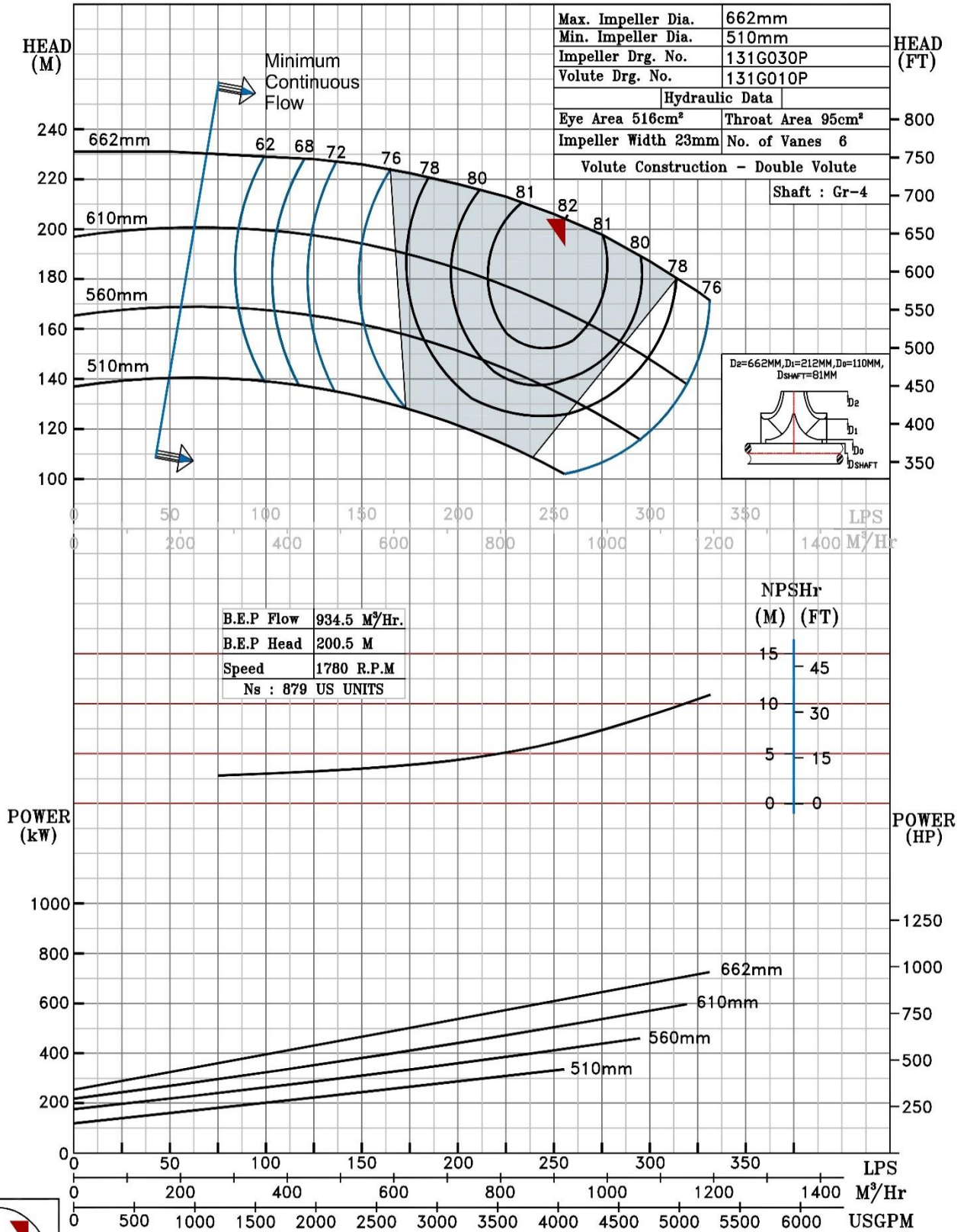
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS26 @1780 R.P.M		8HS26/X/103164	
 PUMPSENSE <i>HS RANGE</i>	MODEL 8HS26	WORKING PRESS. 25 bar	
	SIZE 250x200-662	TEST PRESS. 37.5 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm

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

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



1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS12 @1780 R.P.M

10HS12/X/103264



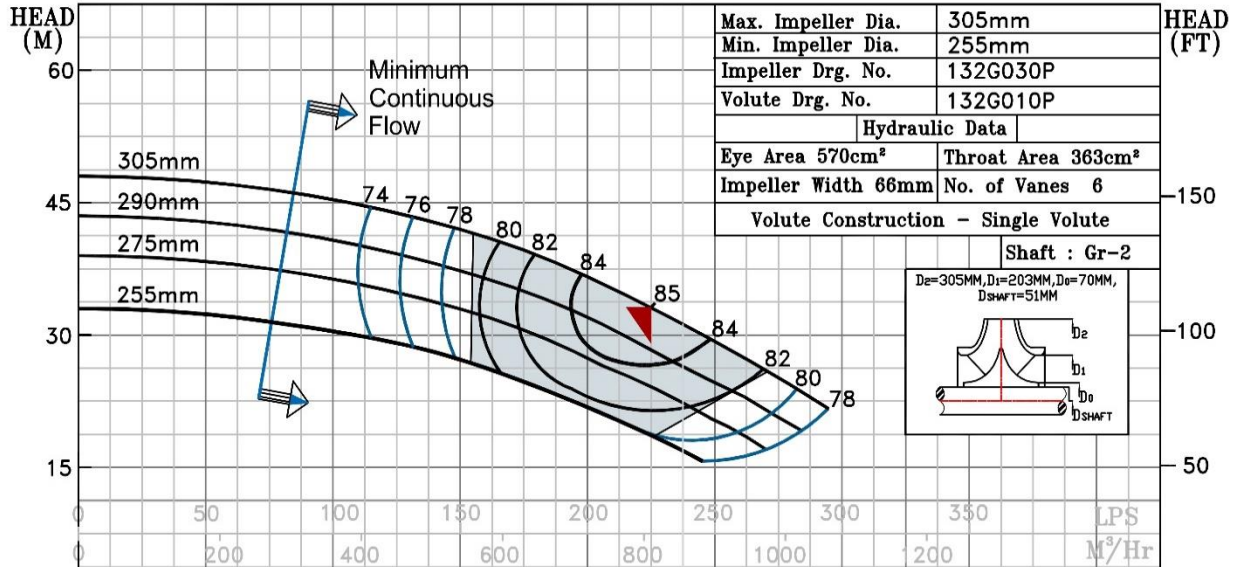
PUMPSENSE

HS RANGE

MODEL 10HS12	WORKING PRESS	16 bar
SIZE 250x250-305	TEST PRESS.	24 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm

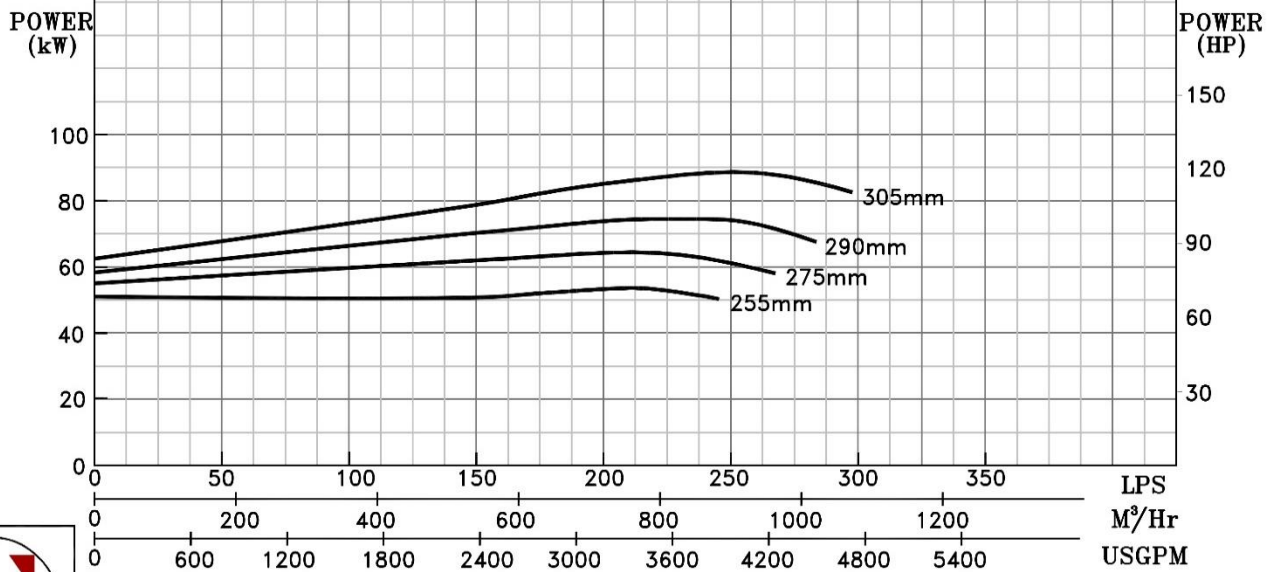
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE

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




B.E.P Flow	807 M ³ /Hr.
B.E.P Head	34 M
Speed	1780 R.P.M
Ns :	3092 US UNITS

NPSHr
(M) (FT)



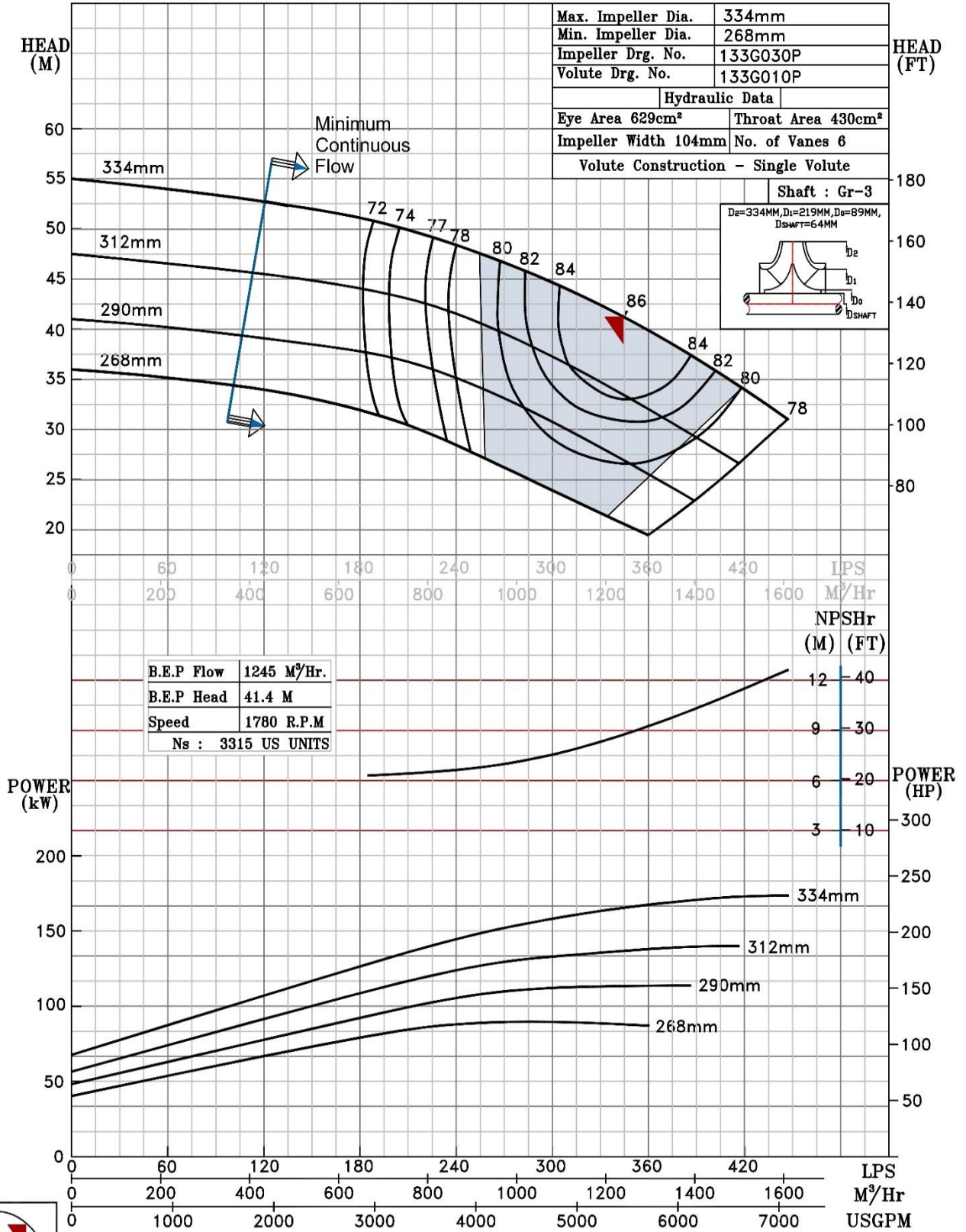
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS13 @1780 R.P.M		10HS13/X/103364
 PUMPSENSE <i>HS RANGE</i>	MODEL 10HS13	WORKING PRESS. 16 bar
	SIZE 300x250-334	TEST PRESS. 24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
	SPEED 1780 rpm	


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

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

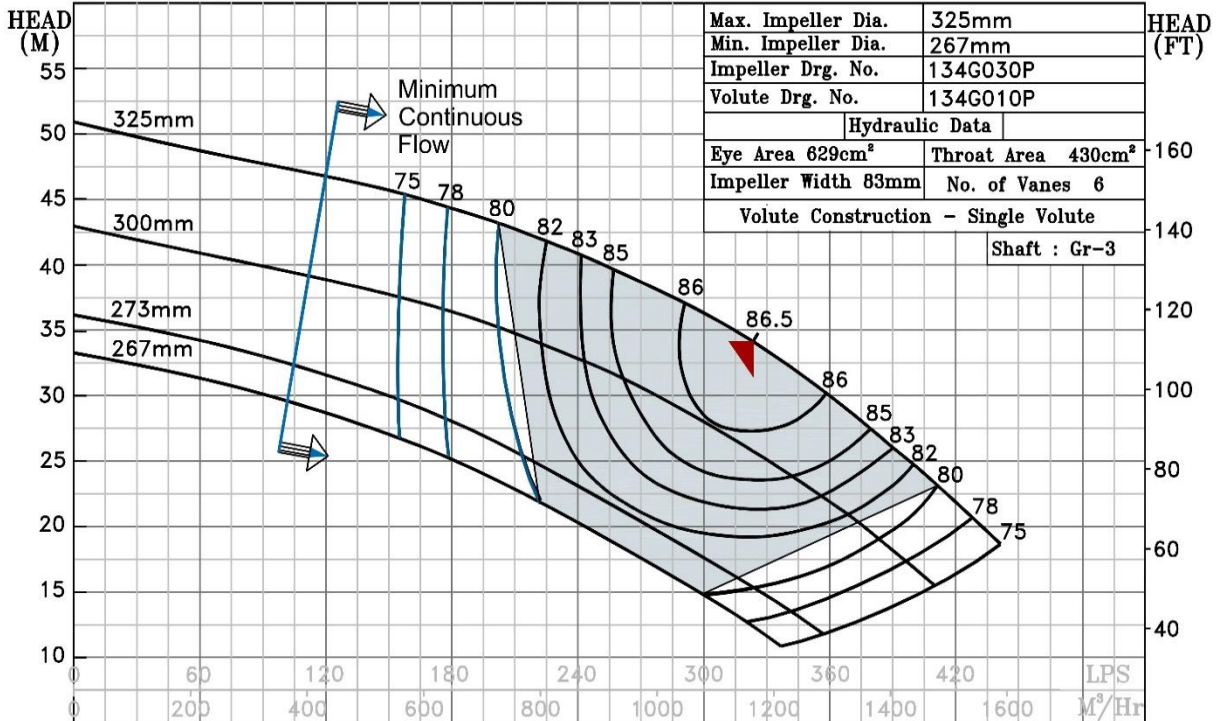


1780 RPM

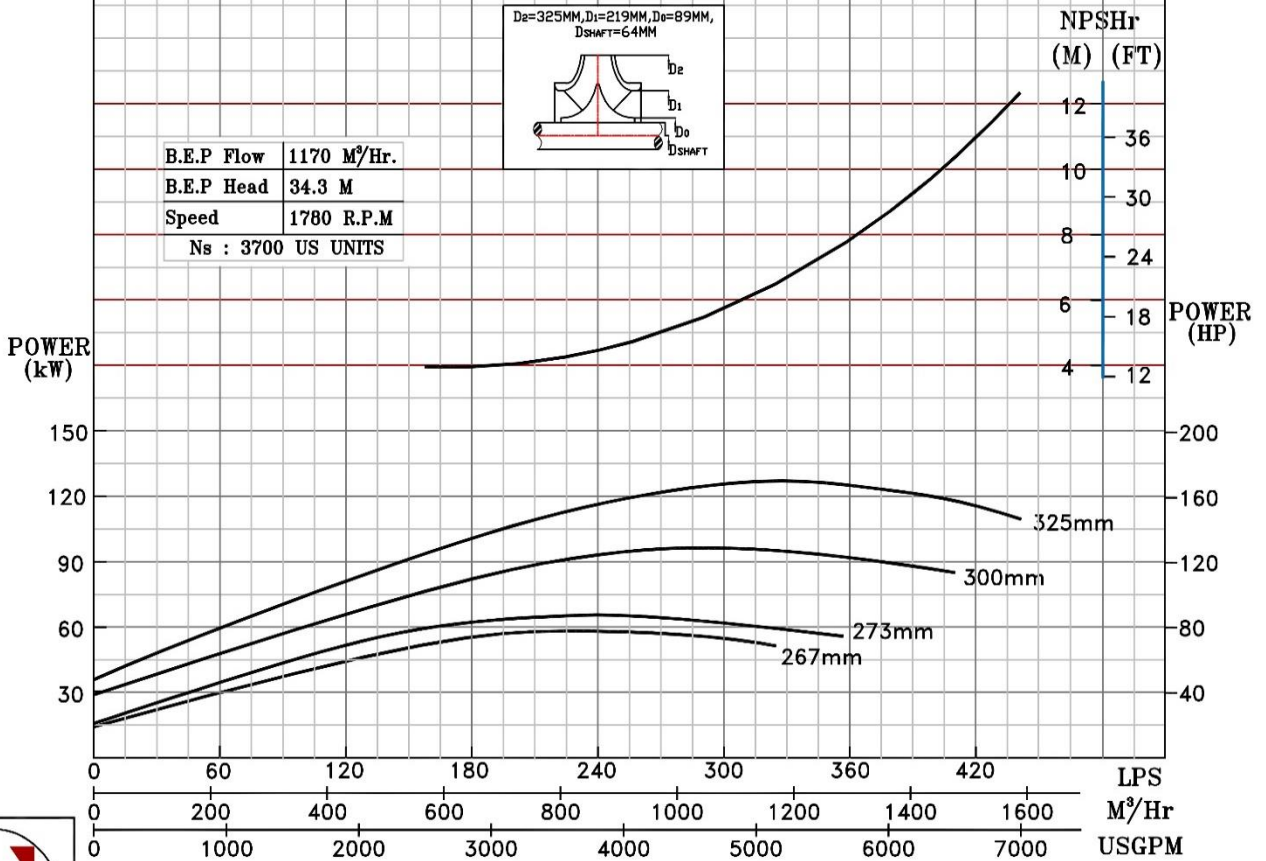
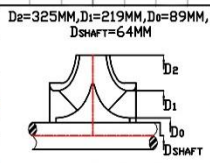
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS13L @1780 R.P.M		10HS13L/Y/103464	
 PUMPSENSE <i>HS RANGE</i>	MODEL 10HS13L	WORKING PRESS.	16 bar
	SIZE 300x250-325	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0




B.E.P Flow	1170 M ³ /Hr.
B.E.P Head	34.3 M
Speed	1780 R.P.M
N _s	3700 US UNITS

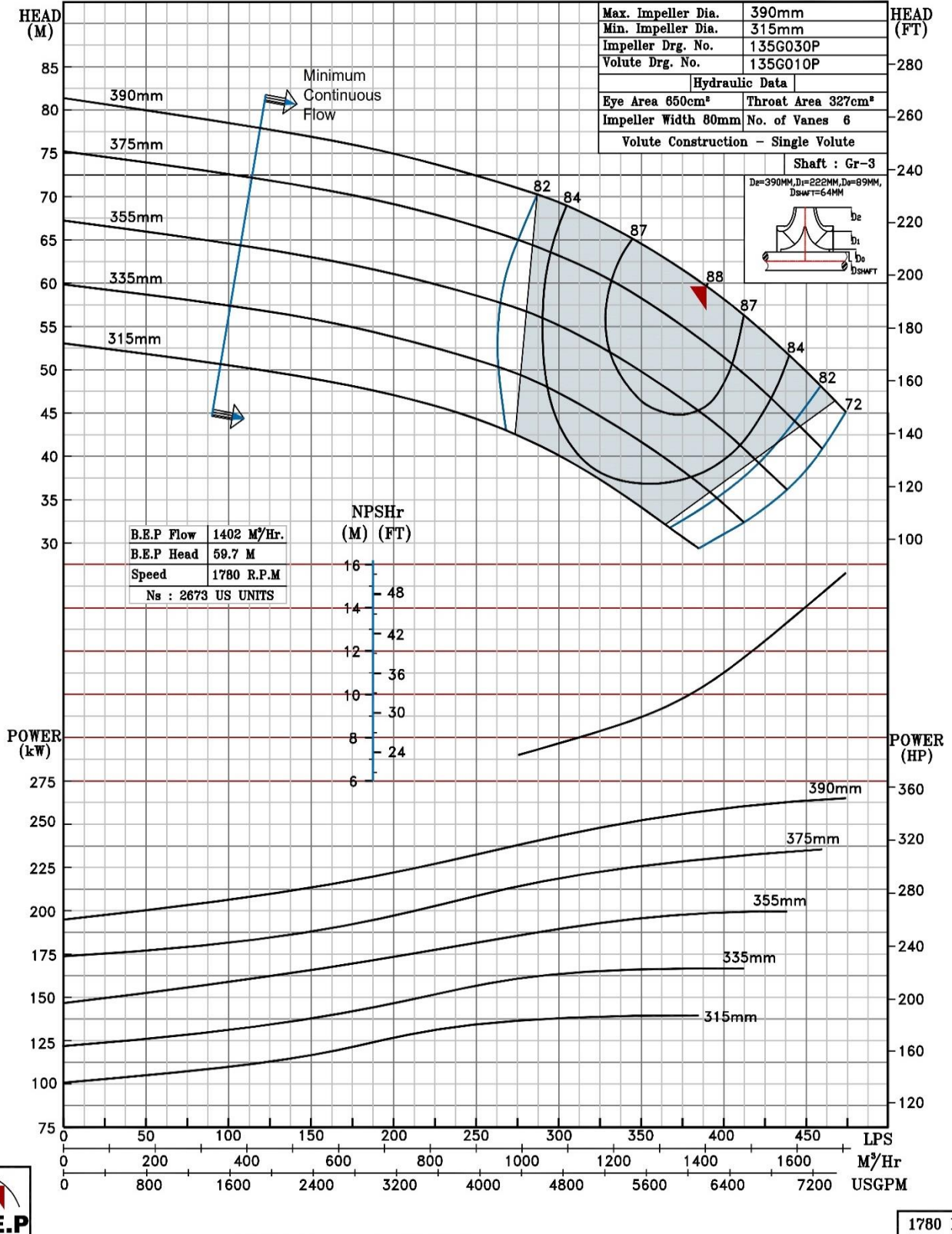


1780 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS15 @1780 R.P.M		10HS15/X/103564	
 PUMPSENSE <i>HS RANGE</i>	MODEL 10HS15	WORKING PRESS. 16 bar	
	SIZE 300x250-390	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

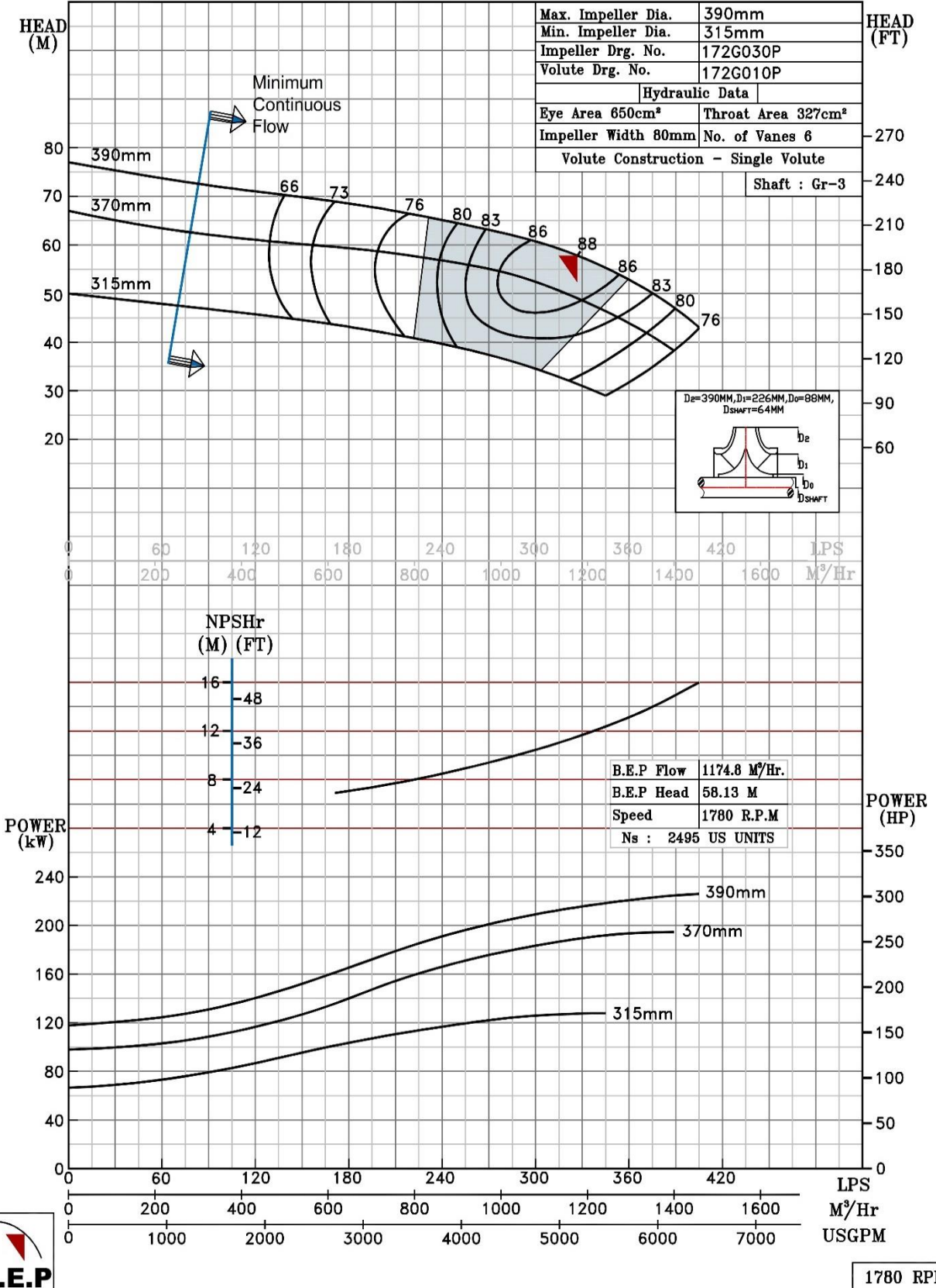


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS15L @1780 R.P.M		10HS15L/Y/107264	
 PUMPSENSE <i>HS RANGE</i>	MODEL 10HS15L	WORKING PRESS. 16 bar	
	SIZE 300x250-390	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 1780 rpm


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

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



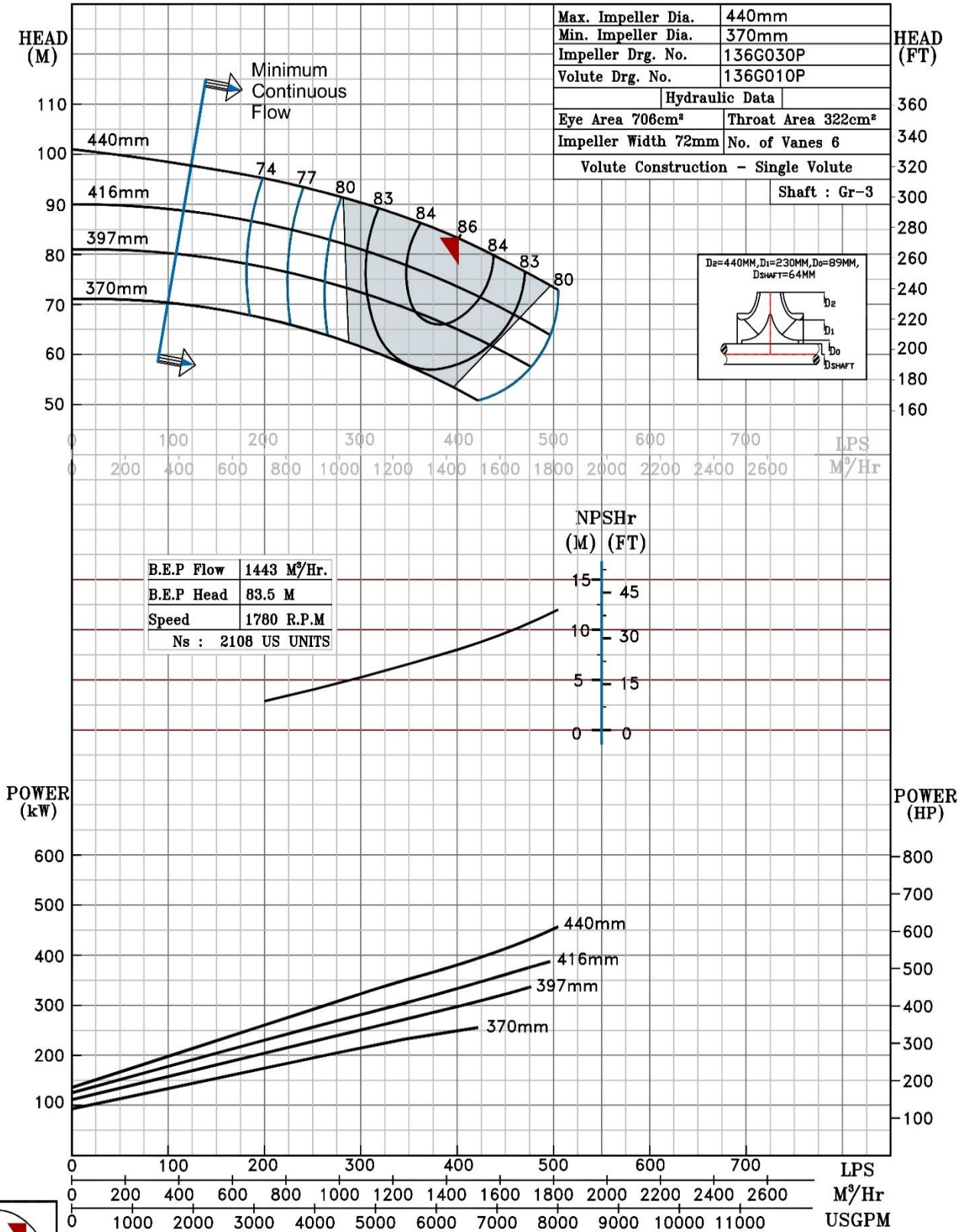
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS17 @1780 R.P.M		10HS17/Y/103664	
 PUMPSENSE <i>HS RANGE</i>	MODEL 10HS17	WORKING PRESS.	16 bar
	SIZE 300x250-440	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

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

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




B.E.P Flow	1443 M³/Hr.
B.E.P Head	83.5 M
Speed	1780 R.P.M
Ns :	2108 US UNITS



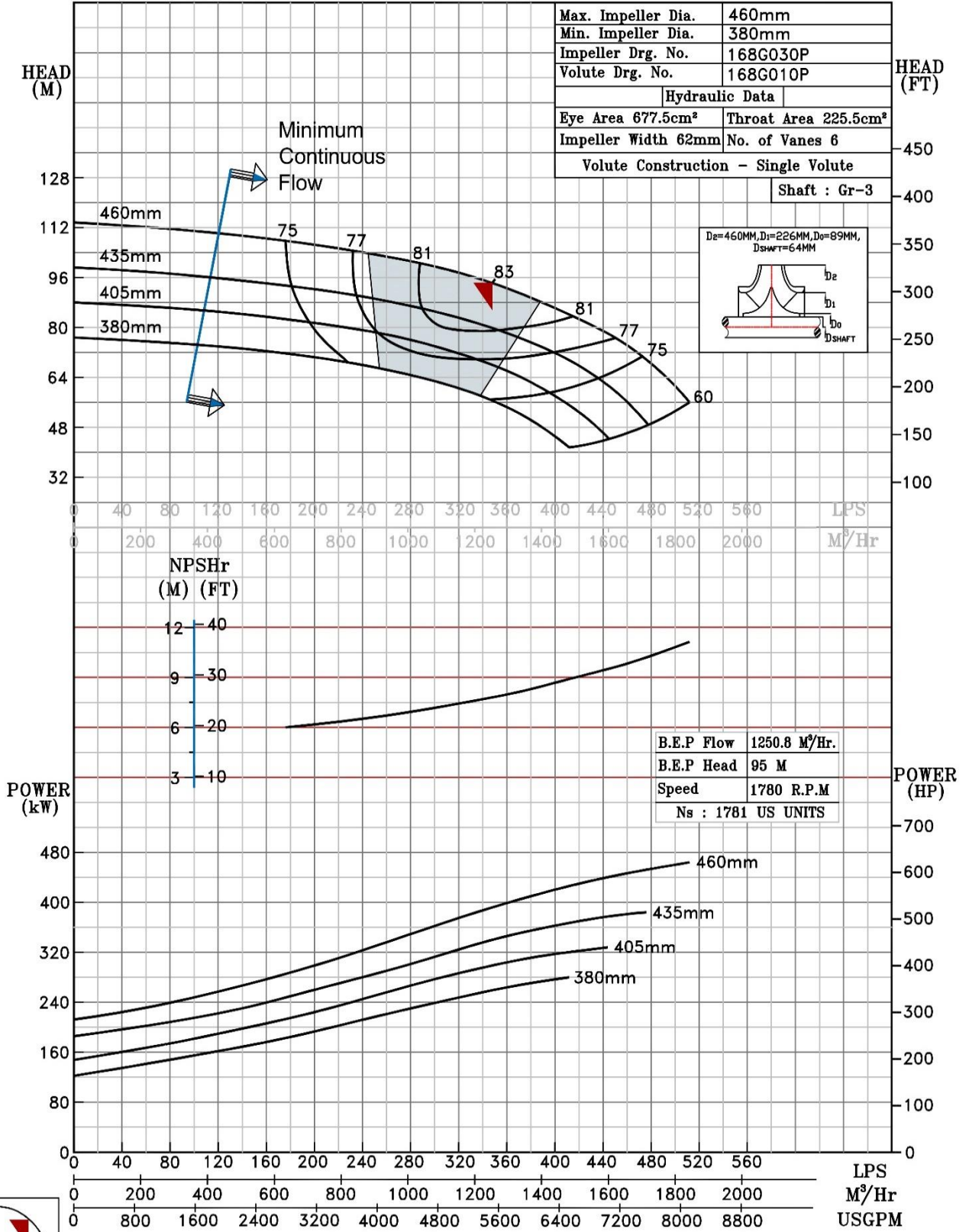
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS17L @1780 R.P.M		10HS17L/Y/106864		
 <p>PUMPSENSE HS RANGE</p>	MODEL 10HS17L	WORKING PRESS.	16 bar	
	SIZE 250x250-460	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm	


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

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

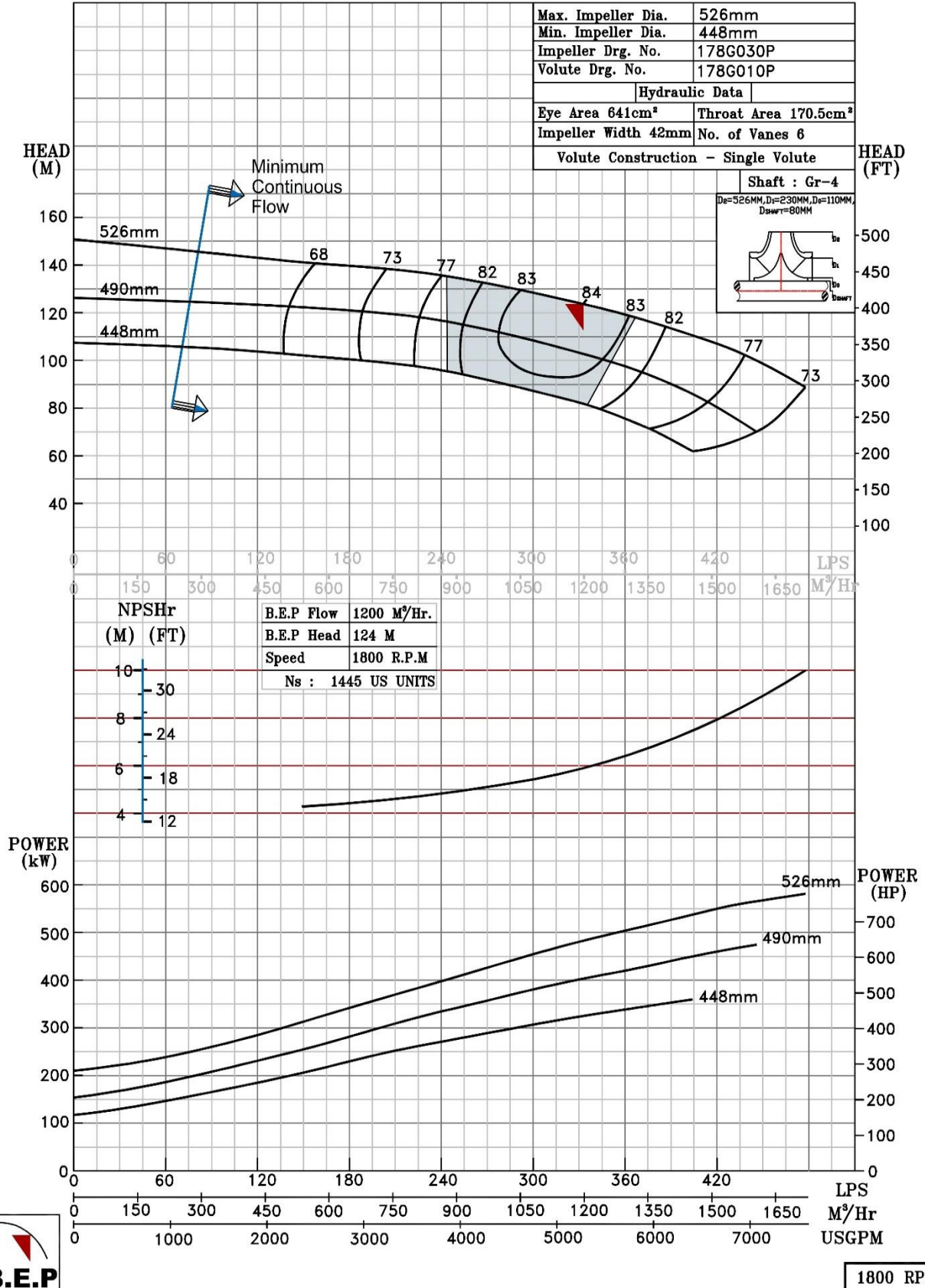


1780 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS20 @1800 R.P.M		10HS20/Y/107864	
 PUMPSENSE HS RANGE	MODEL 10HS20	WORKING PRESS.	20 bar
	SIZE 300x250-526	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1800 rpm		

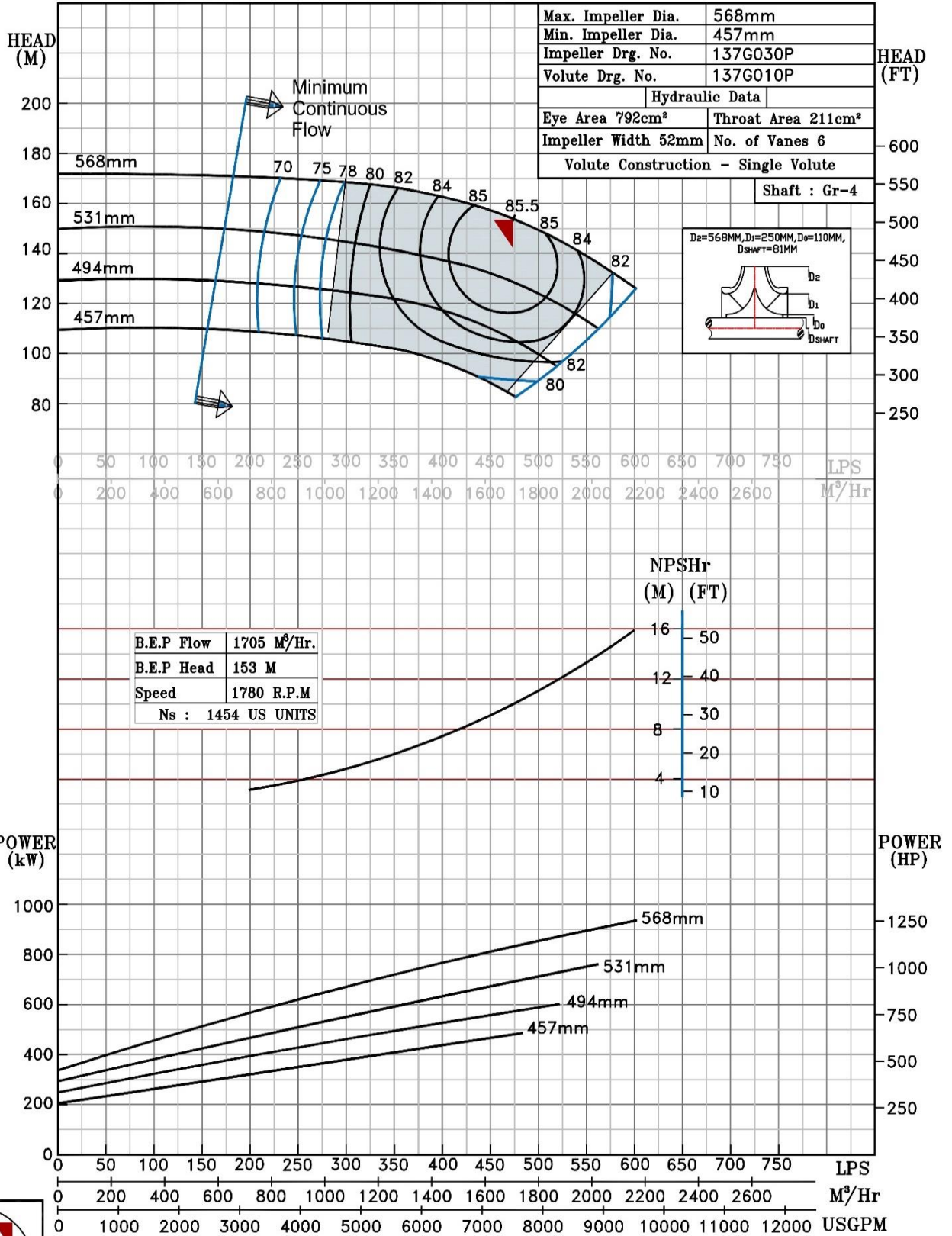
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 10HS22 @1780 R.P.M		10HS22/Y/103764	
 PUMPSENSE <i>HS RANGE</i>	MODEL 10HS22	WORKING PRESS.	20 bar
	SIZE 300x250-568	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



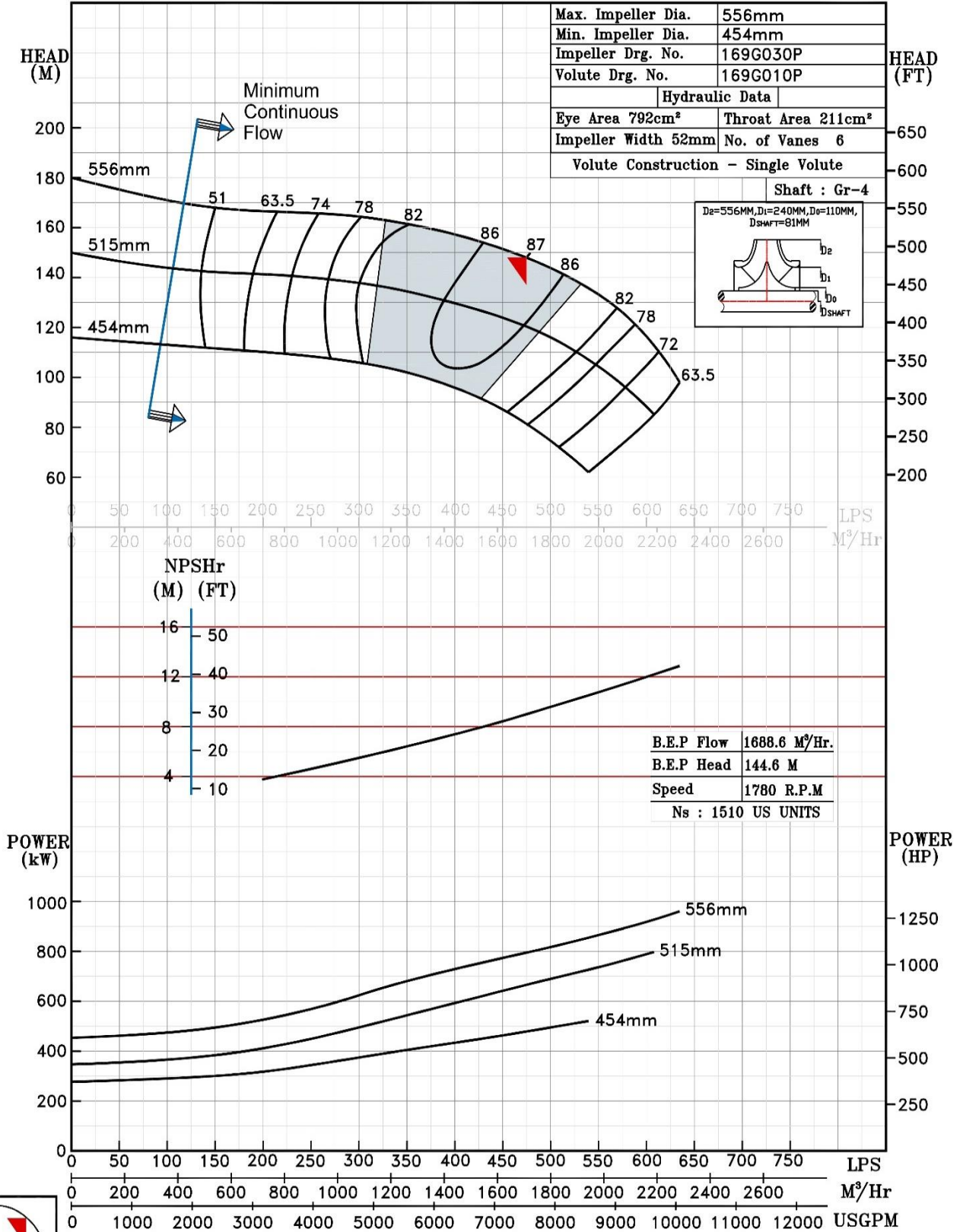
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS22S @1780 R.P.M		10HS22S/X/106964	
 PUMPSENSE <i>HS RANGE</i>	MODEL 10HS22S	WORKING PRESS.	20 bar
	SIZE 300x250-556	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

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

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



1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS27 @1780 R.P.M

10HS27/X/103864



PUMPSENSE

HS RANGE

MODEL 10HS27

WORKING PRESS. 27 bar

SIZE 300x250-690

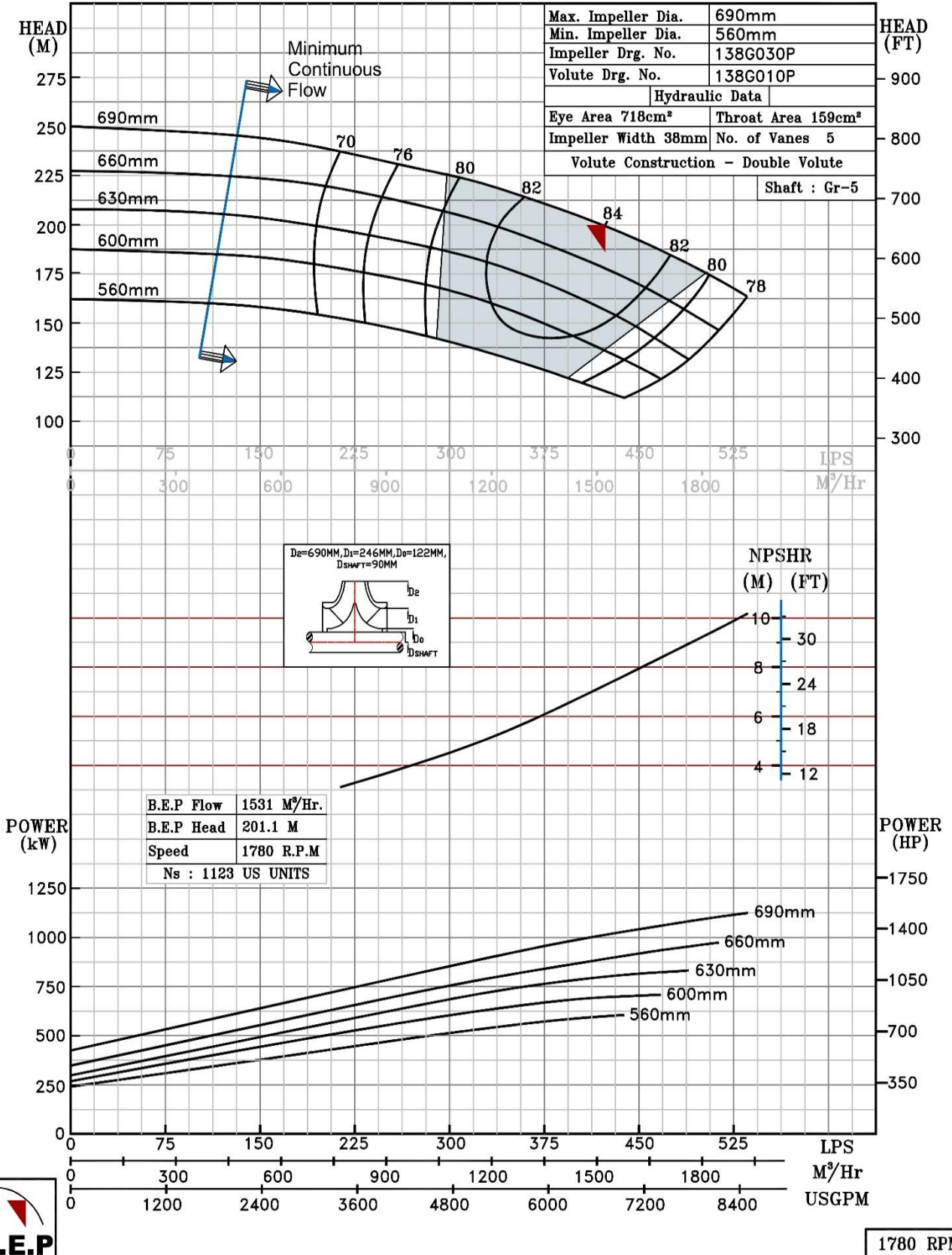
TEST PRESS. 40.5 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE


SPEED 1780 rpm

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

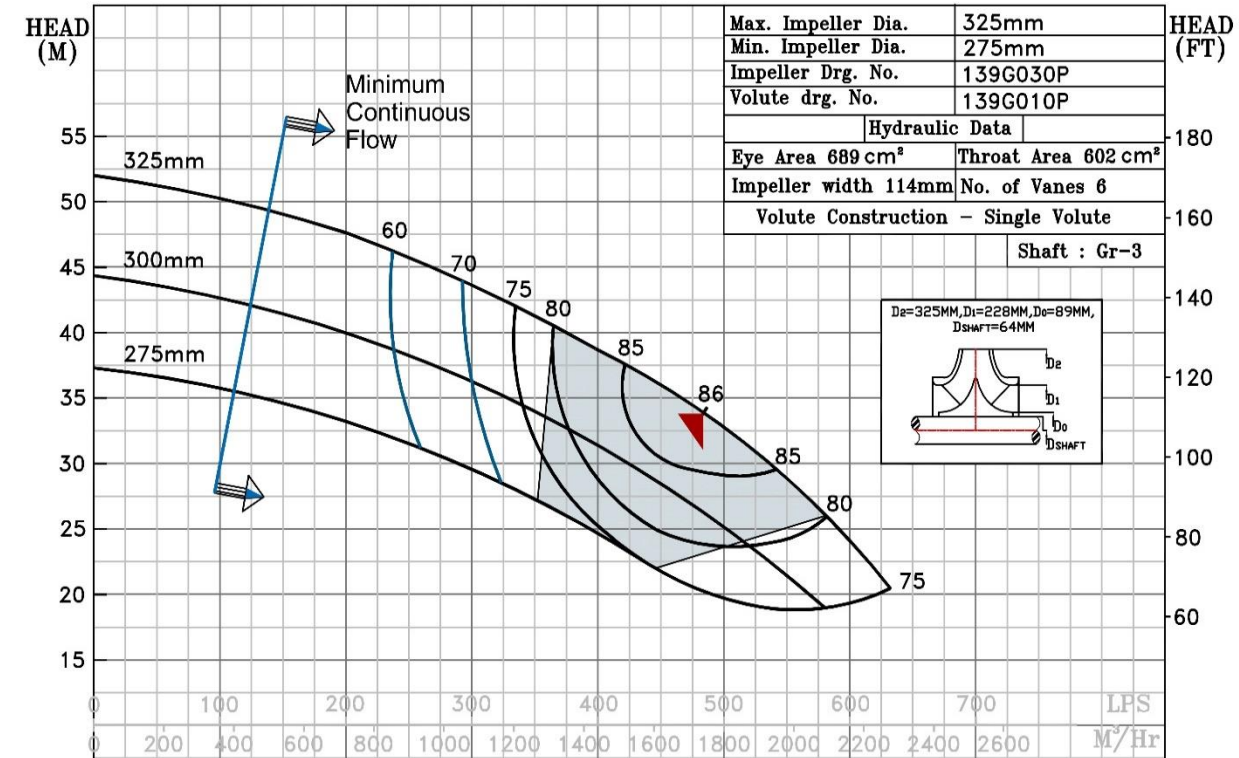
PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

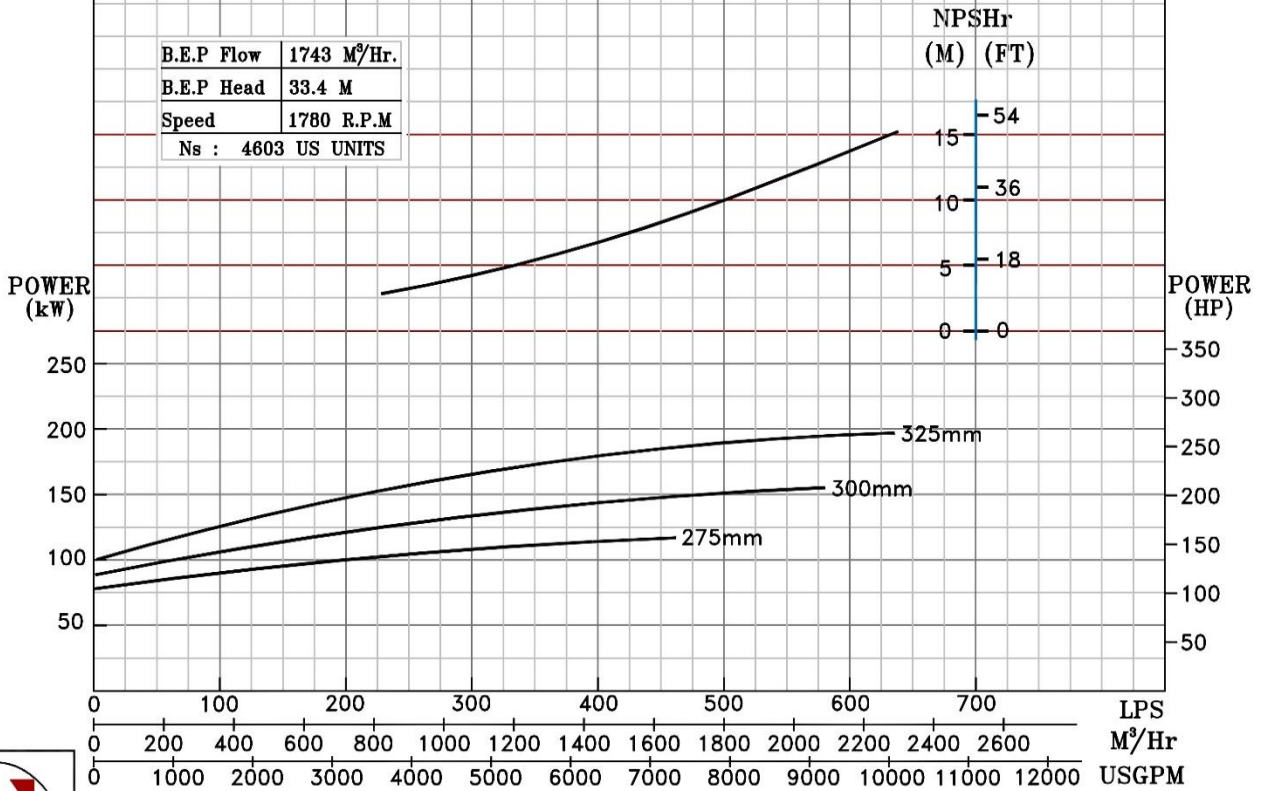
PERFORMANCE CURVE OF 12HS13 @1780 R.P.M		12HS13/X/103964	
 PUMPSENSE <i>HS RANGE</i>	MODEL 12HS13	WORKING PRESS. 16 bar	
	SIZE 350x300-325	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

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.	325mm
Min. Impeller Dia.	275mm
Impeller Drg. No.	139G030P
Volute drg. No.	139G010P
Hydraulic Data	
Eye Area 689 cm ²	Throat Area 602 cm ²
Impeller width 114mm	No. of Vanes 6
Volute Construction - Single Volute	
Shaft : Gr-3	

B.E.P Flow	1743 M ³ /Hr.
B.E.P Head	33.4 M
Speed	1780 R.P.M
Ns :	4603 US UNITS

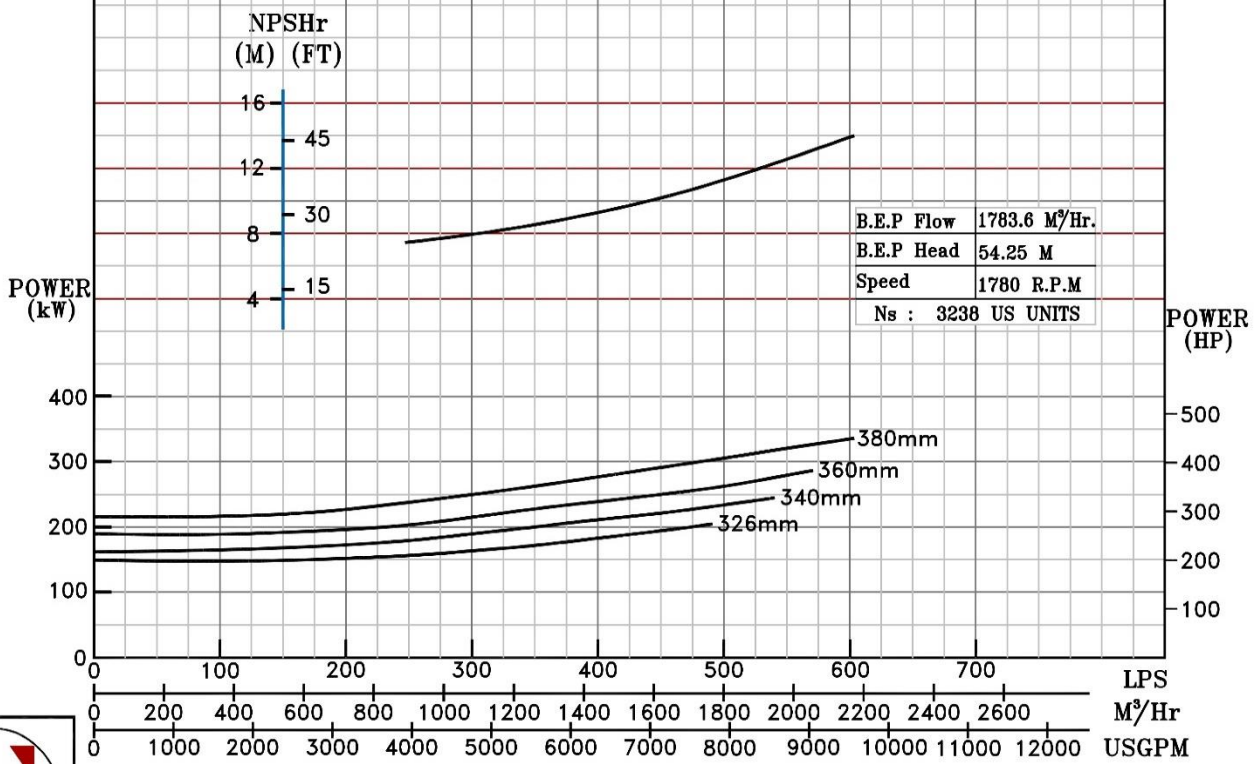
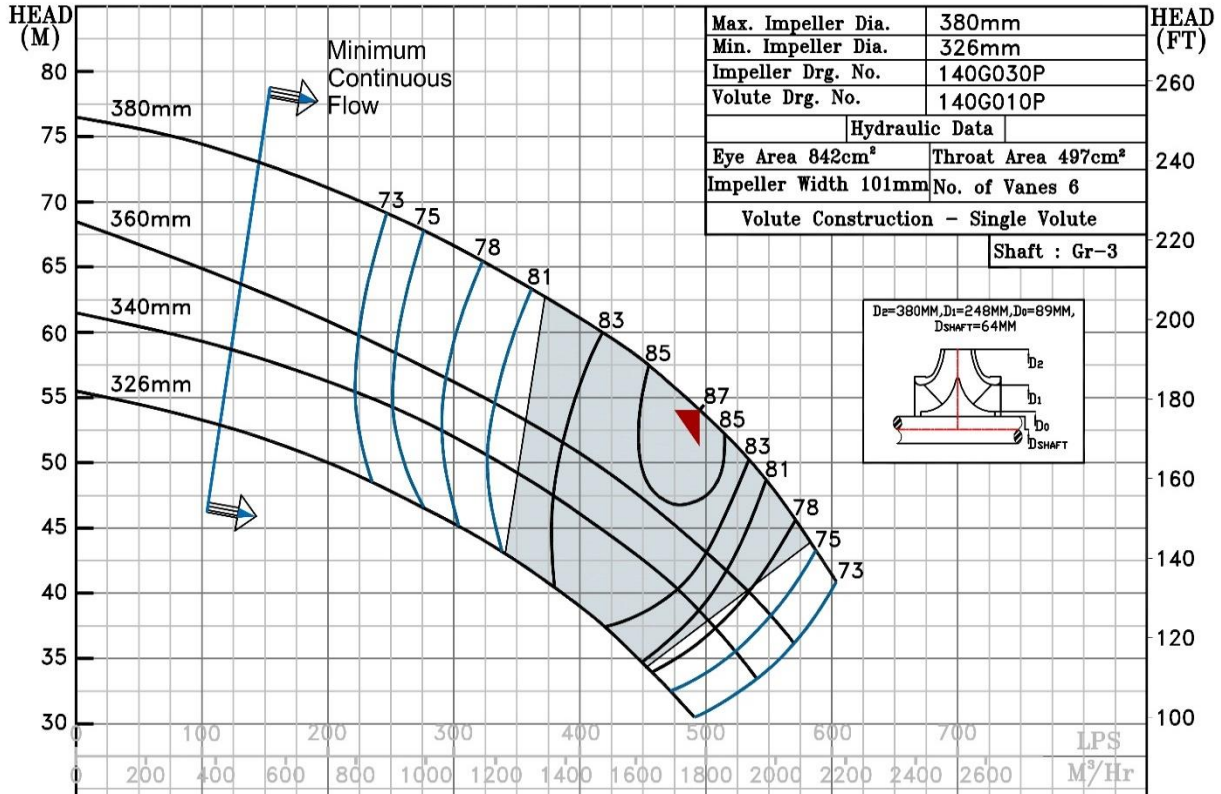


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 12HS15 @1780 R.P.M		12HS15/X/104064		
 PUMPSENSE <i>HS RANGE</i>	MODEL 12HS15	WORKING PRESS.	16 bar	
	SIZE 350x300-380	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm	

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



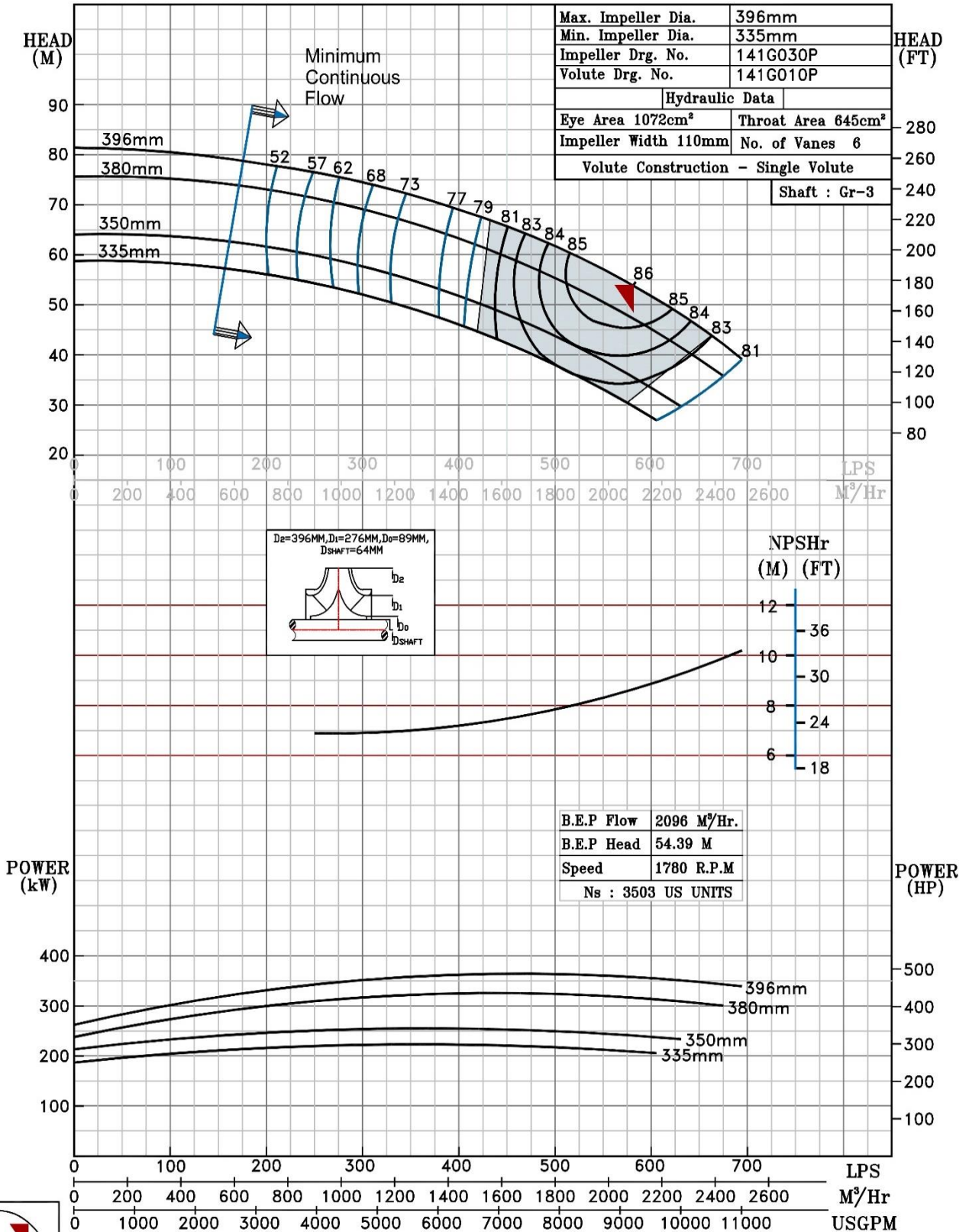
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 12HS16 @1780 R.P.M		12HS16/X/104164		
 PUMPSENSE <i>HS RANGE</i>	MODEL 12HS16	WORKING PRESS. 16 bar		
	SIZE 400x300-396	TEST PRESS. 24 bar		
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE			
			SPEED 1780 rpm	


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

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

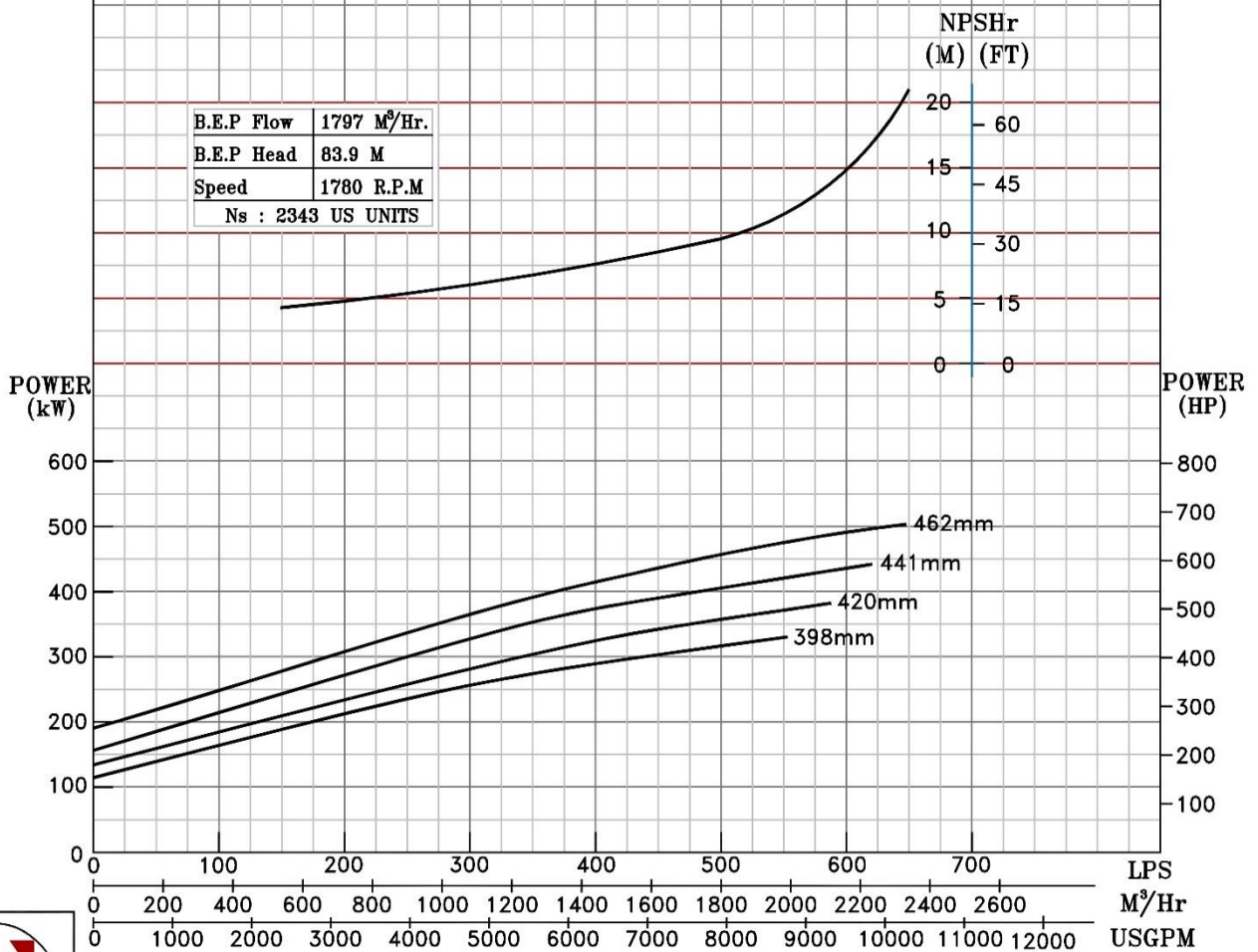
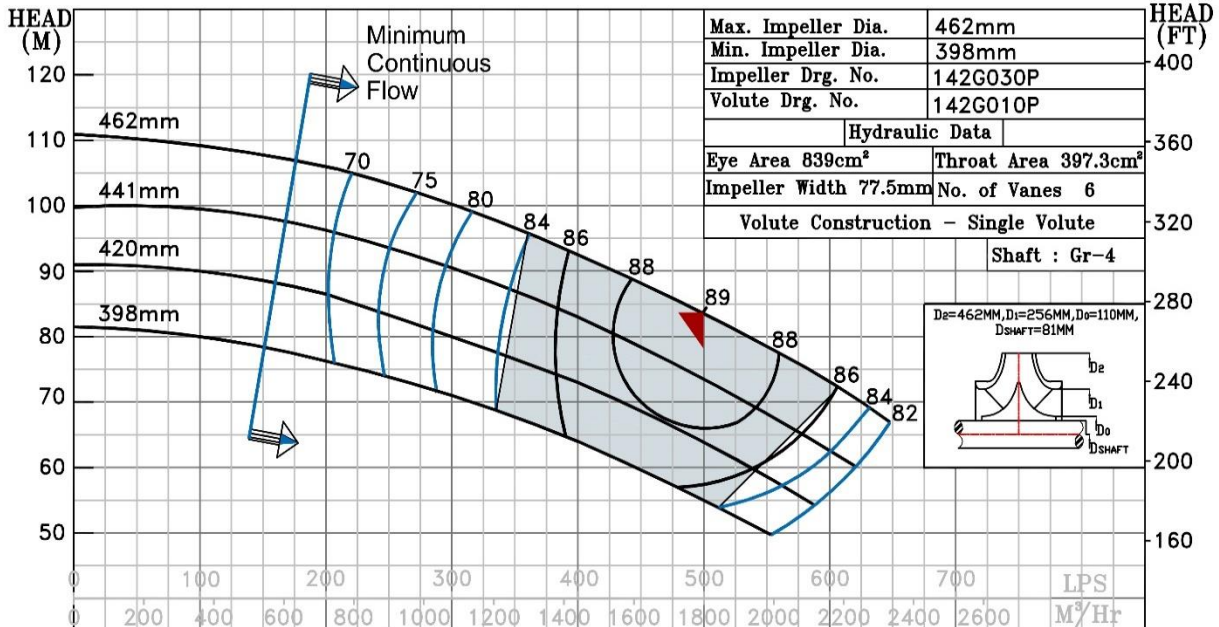


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 12HS18 @1780 R.P.M		12HS18/Y/104264
 PUMPSENSE <i>HS RANGE</i>	MODEL 12HS18	WORKING PRESS. 16 bar
	SIZE 350x300-462	TEST PRESS. 24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
	SPEED 1780 rpm	

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

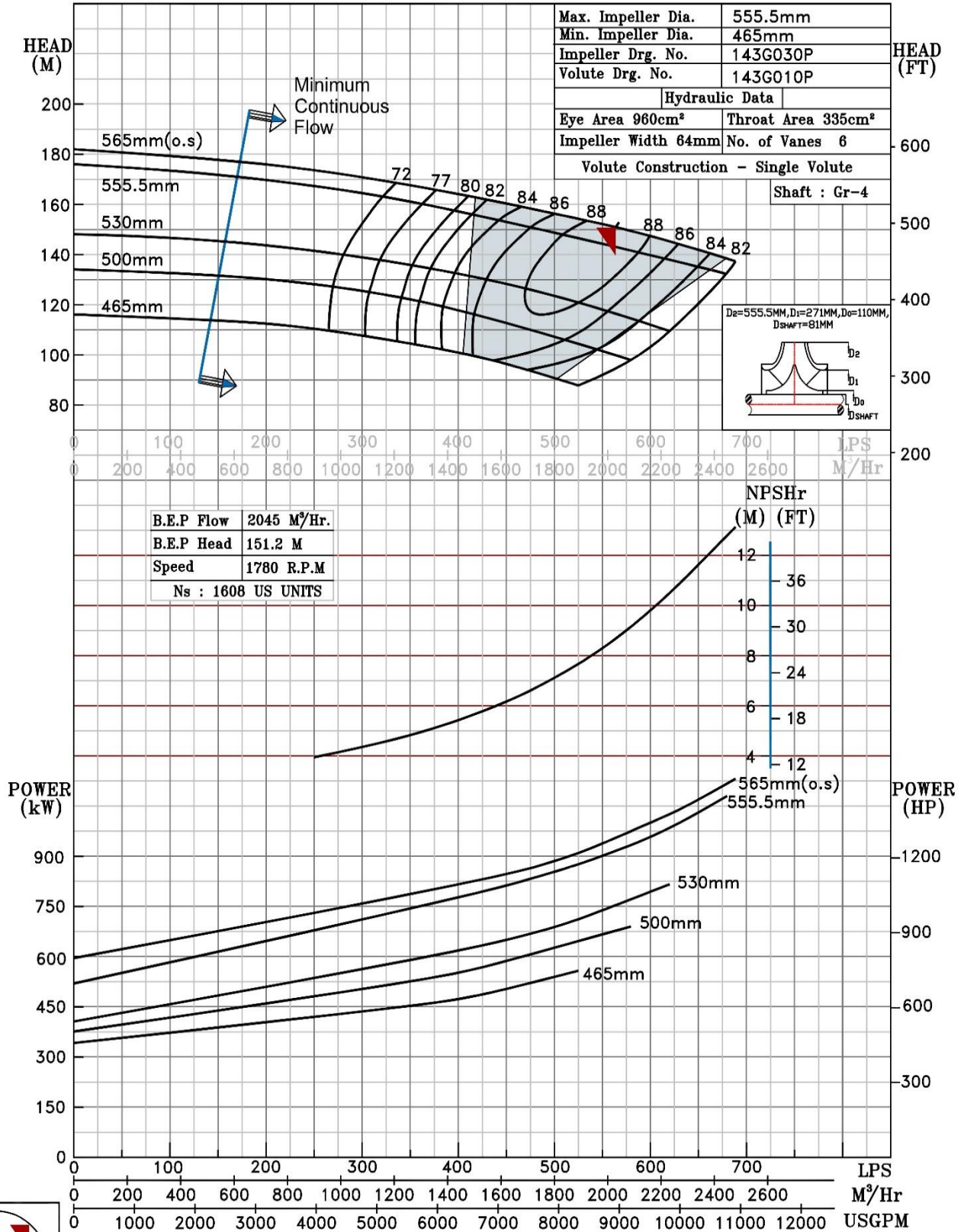


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 12HS22 @1780 R.P.M		12HS22/X/104364	
 PUMPSENSE <i>HS RANGE</i>	MODEL 12HS22	WORKING PRESS.	20 bar
	SIZE 350x300-555.5	TEST PRESS.	30 bar
	TYPE-AXAILLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



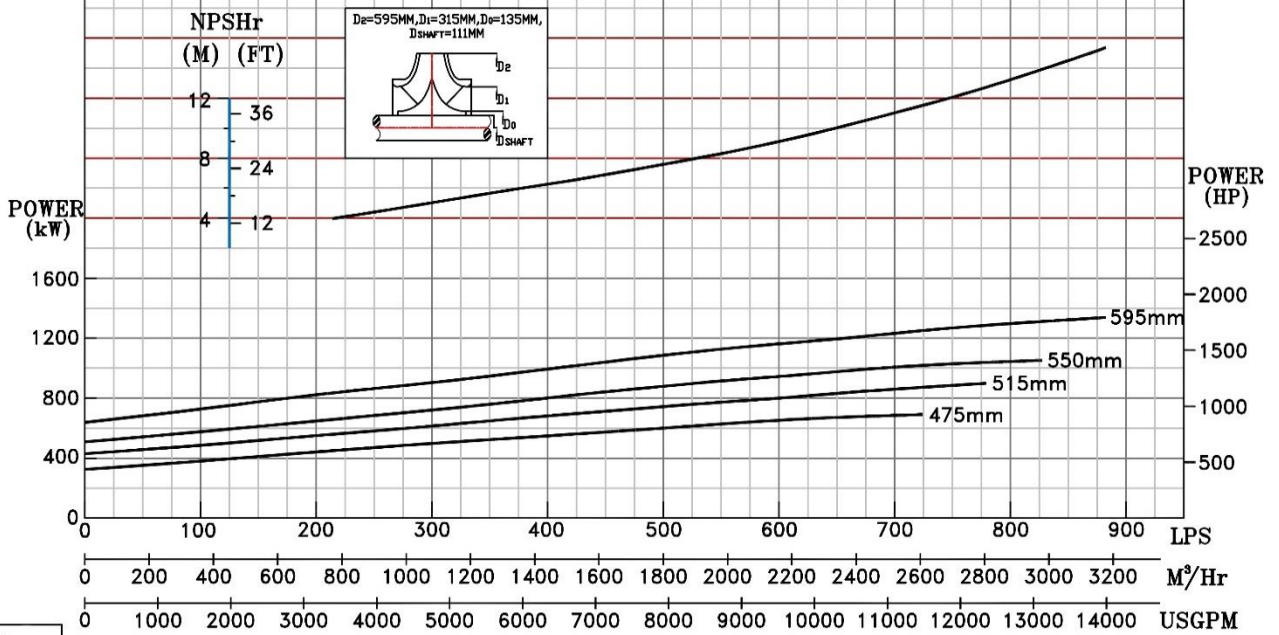
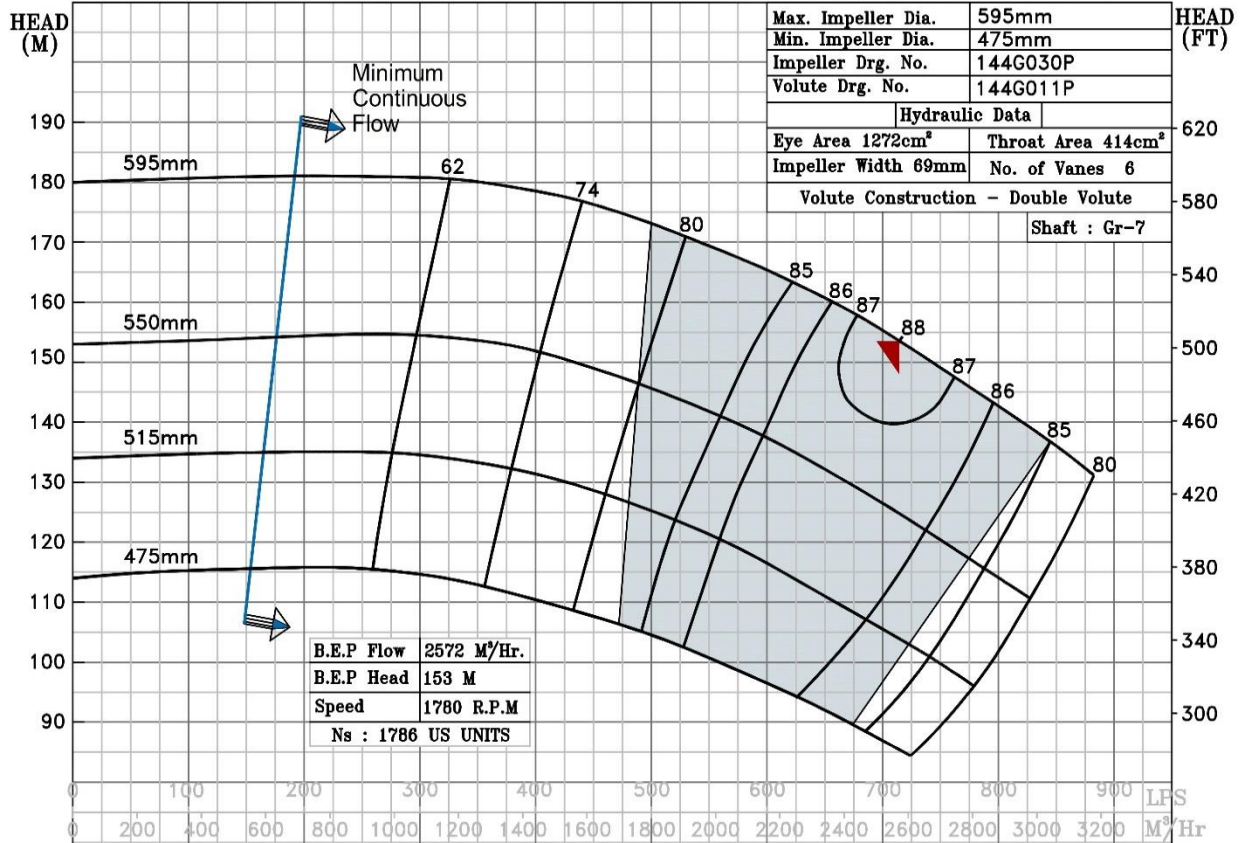
1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 12HS23 @1780 R.P.M		12HS23/Y/104464	
 PUMPSENSE <i>HS RANGE</i>	MODEL 12HS23	WORKING PRESS.	20 bar
	SIZE 350x300-595	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		


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

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

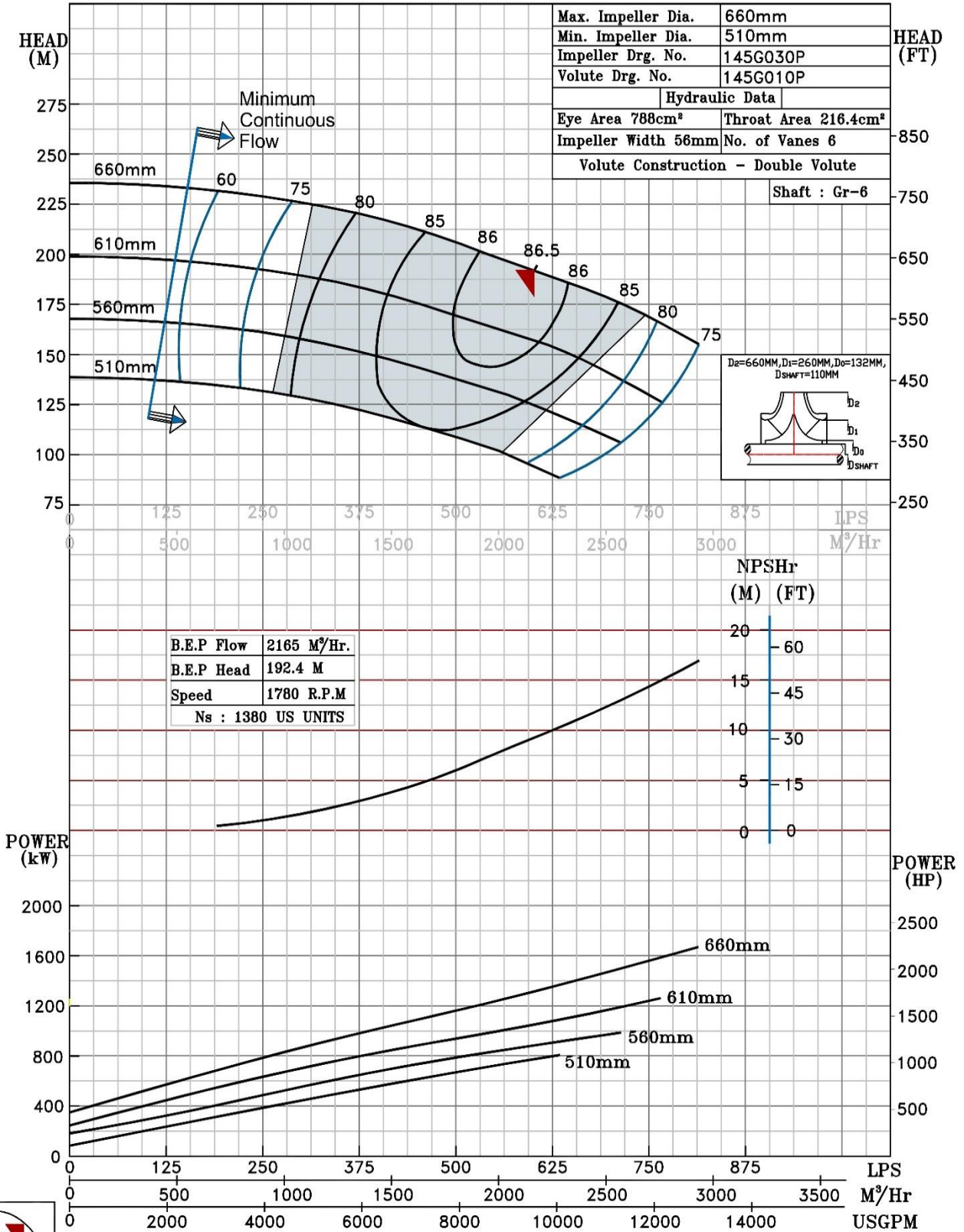


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 12HS26 @1780 R.P.M		12HS26/X/104564	
 PUMPSENSE <i>HS RANGE</i>	MODEL 12HS26	WORKING PRESS.	25 bar
	SIZE 350x300-660	TEST PRESS.	37.5 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0

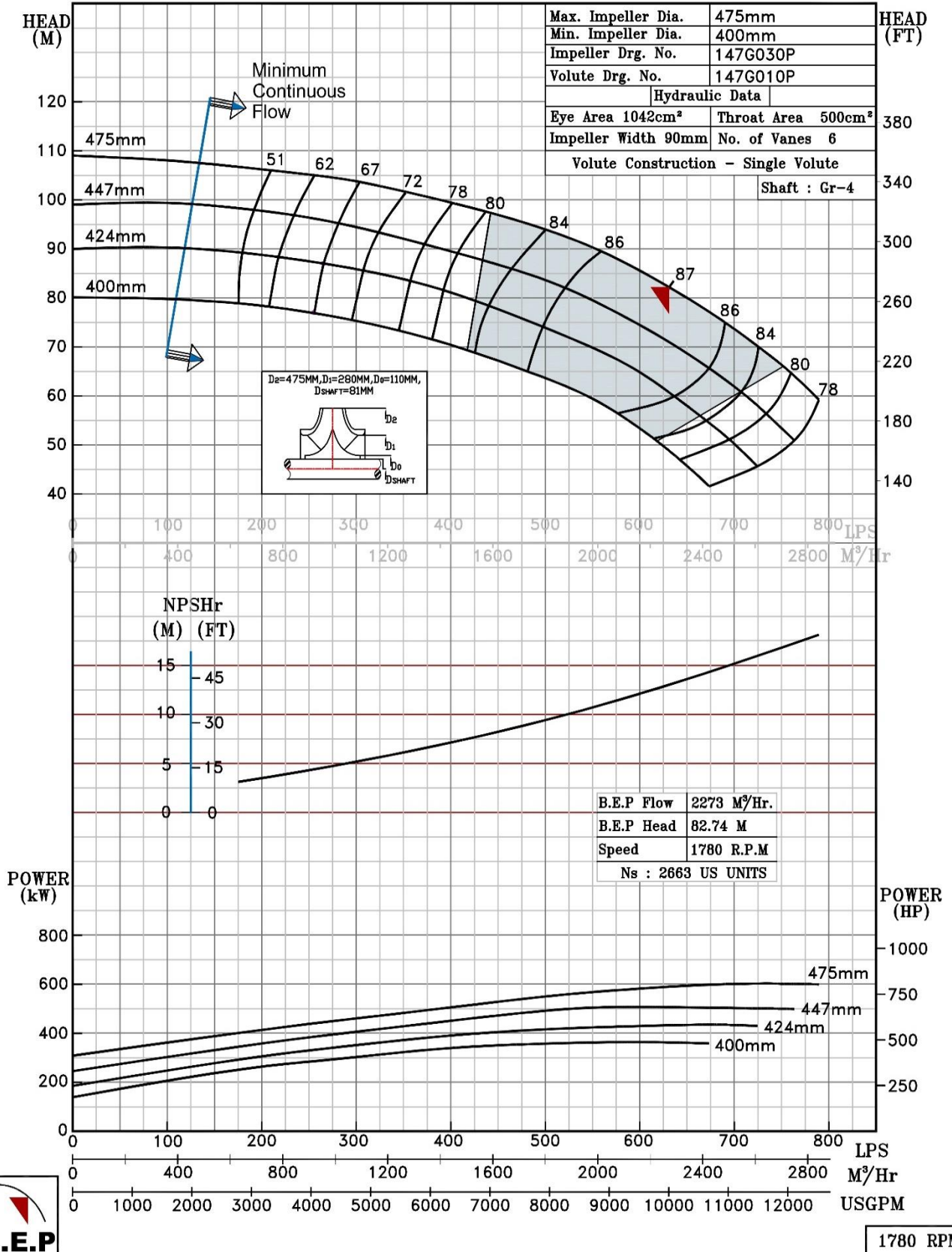


1780 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 14HS19 @1780 R.P.M		14HS19/X/104764	
 PUMPSENSE <i>HS RANGE</i>	MODEL 14HS19	WORKING PRESS. 16 bar	
	SIZE 450x350-475	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm

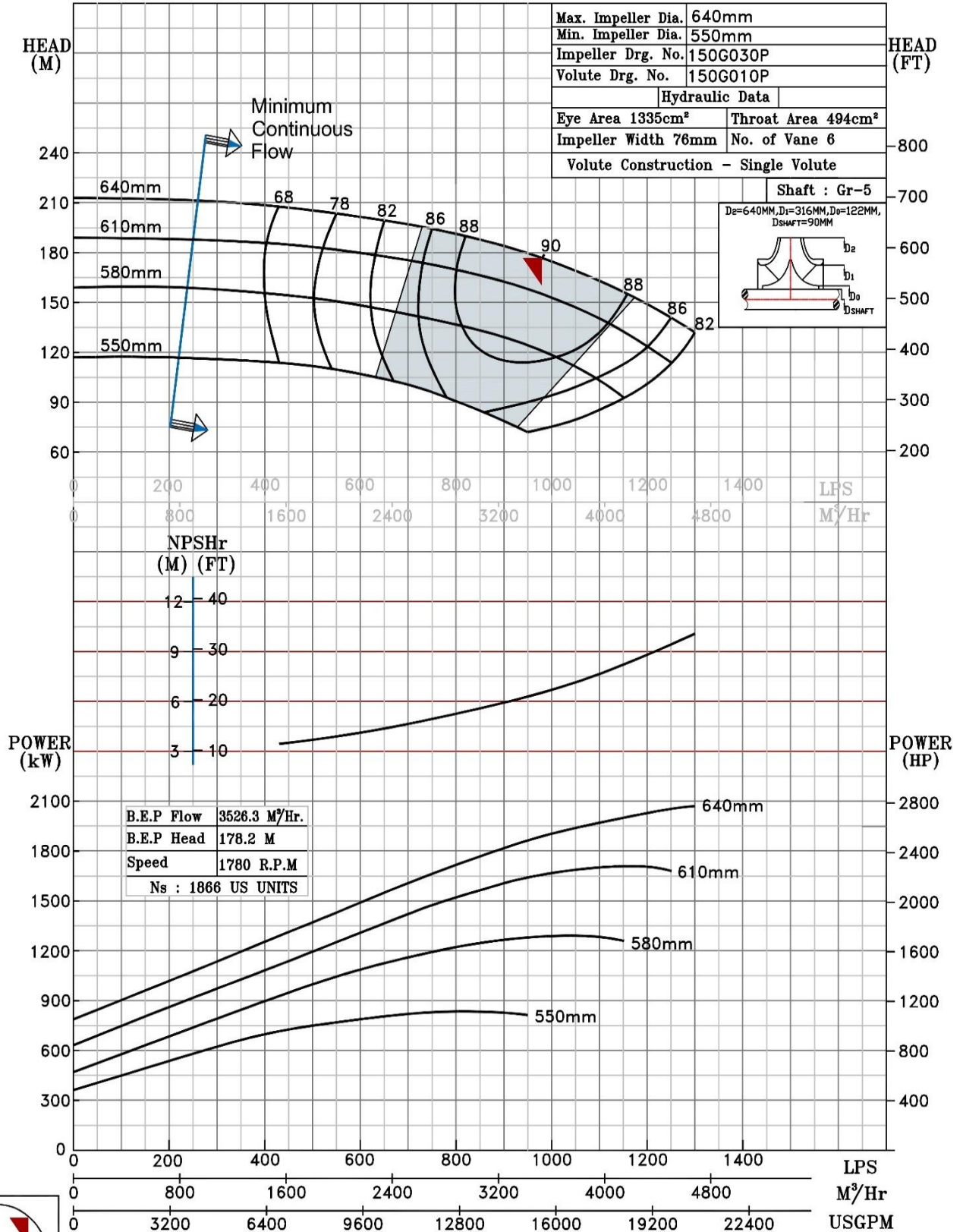
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 14HS25 @1780 R.P.M		14HS25/X/105064	
 PUMPSENSE <i>HS RANGE</i>	MODEL 14HS25	WORKING PRESS.	20 bar
	SIZE 400x350-640	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 1780 rpm		

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G. 1.0

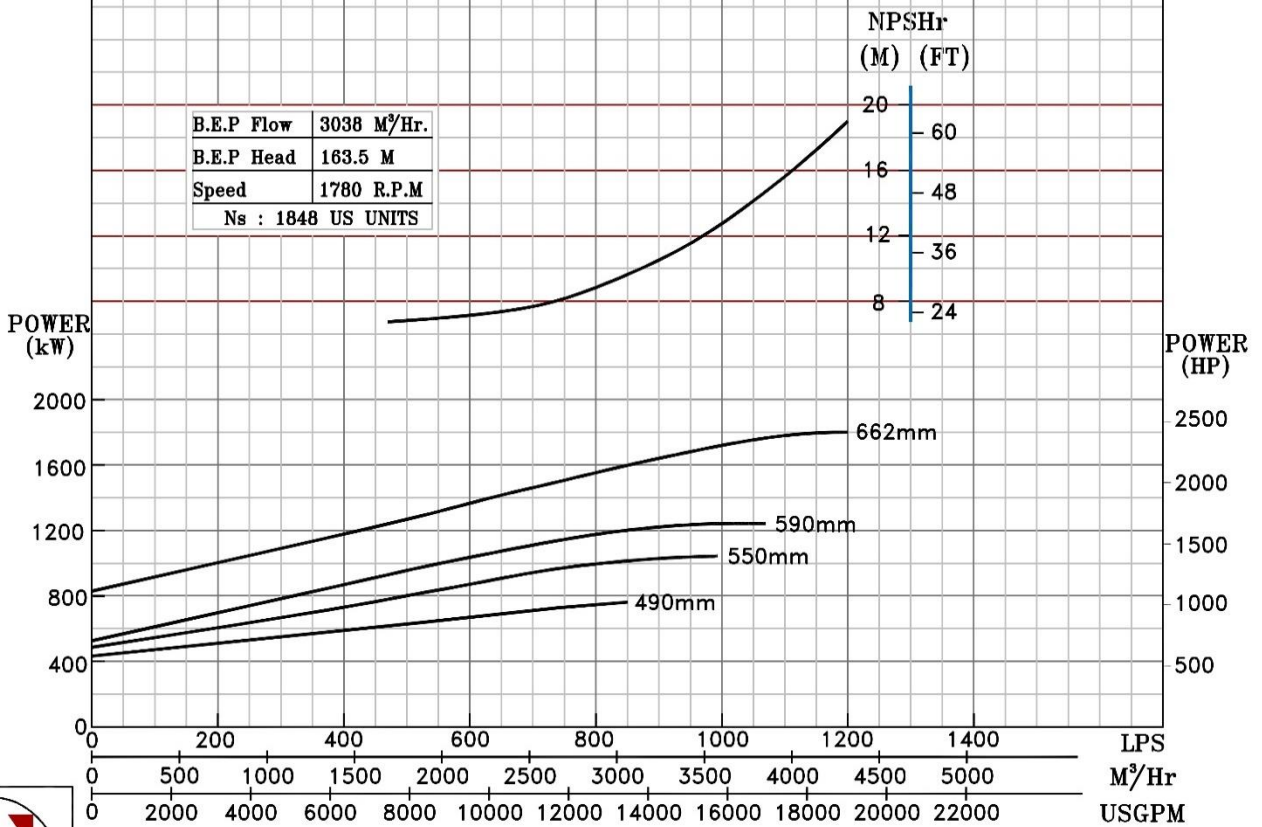
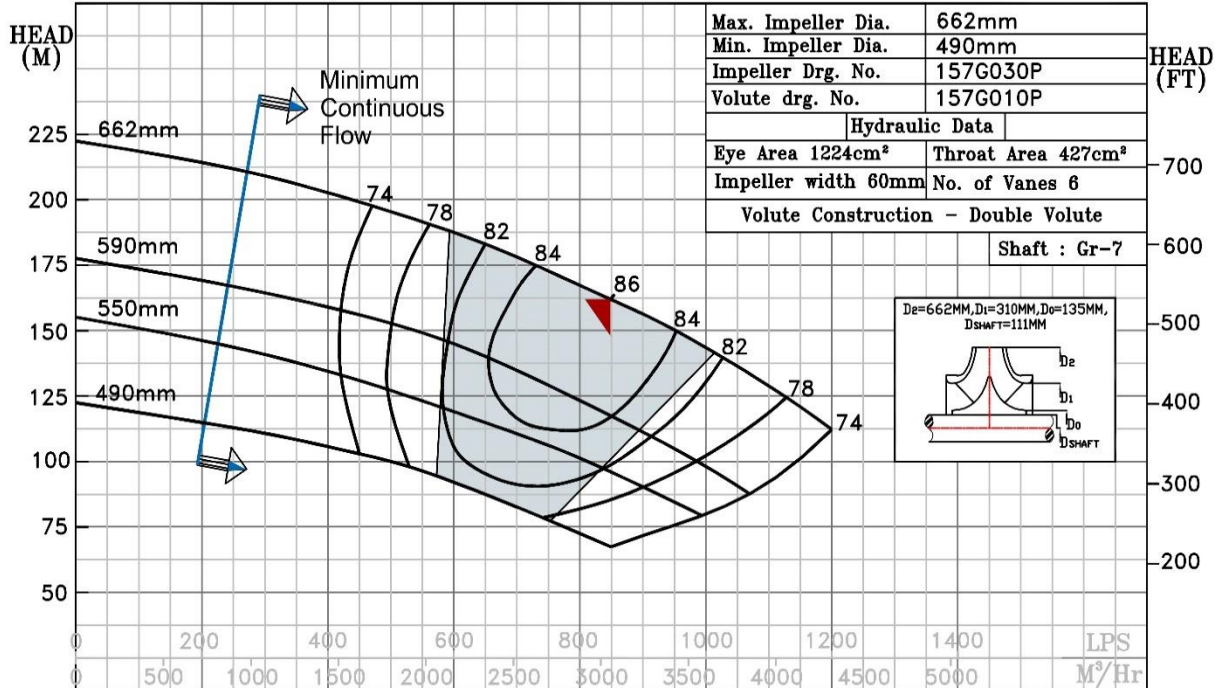


1780 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 16HS26 @1780 R.P.M		16HS26/Y/105764		
 PUMPSENSE <i>HS RANGE</i>	MODEL 16HS26	WORKING PRESS.	25 bar	
	SIZE 500x400-662	TEST PRESS.	37.5 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 1780 rpm	

SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



1780 RPM