

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HS12 @980 R.P.M

6HS12/X/101756



PUMPSENSE

HS RANGE

MODEL 6HS12

WORKING PRESS. 10 bar

SIZE 200x150-300

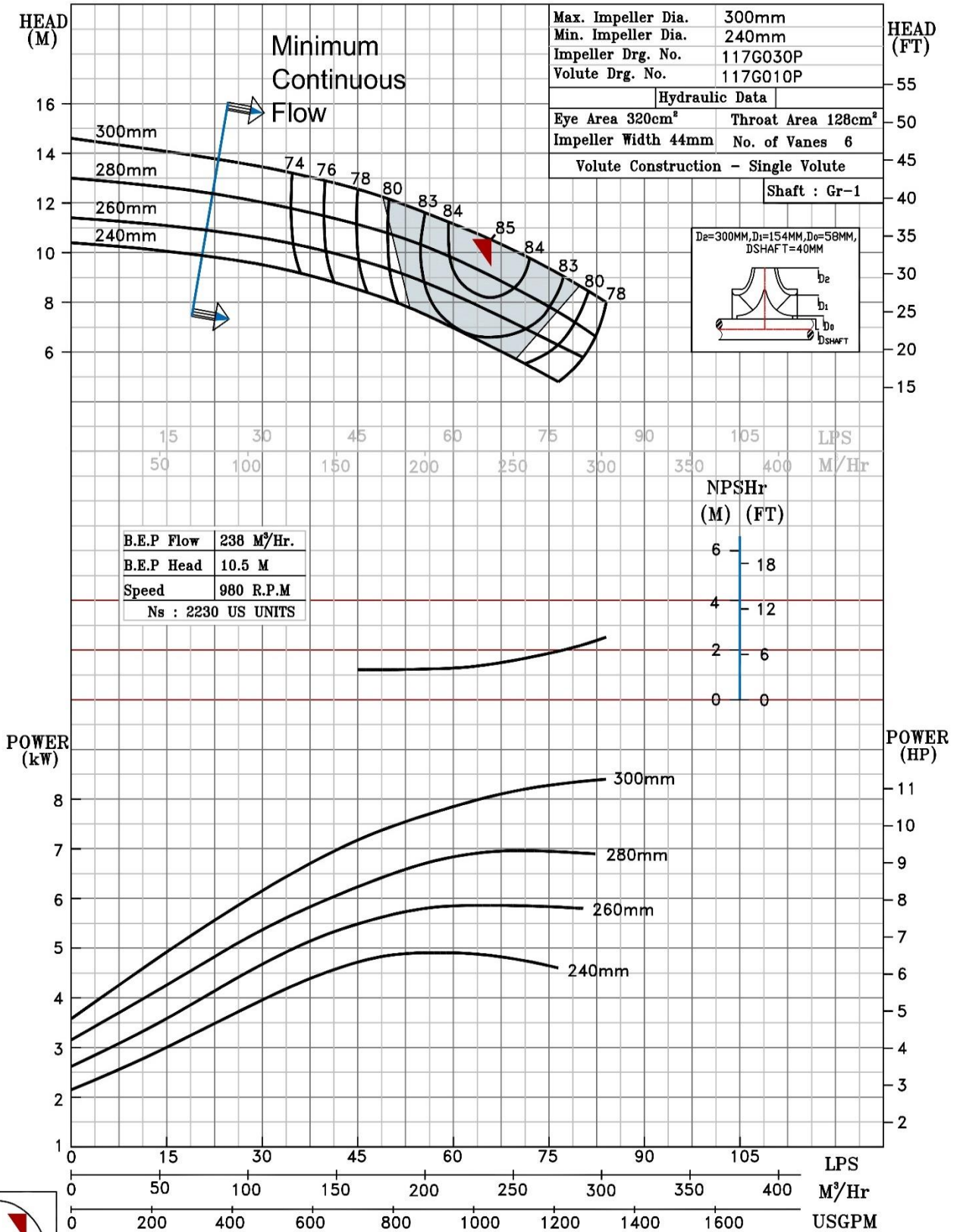
TEST PRESS. 15 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 980 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



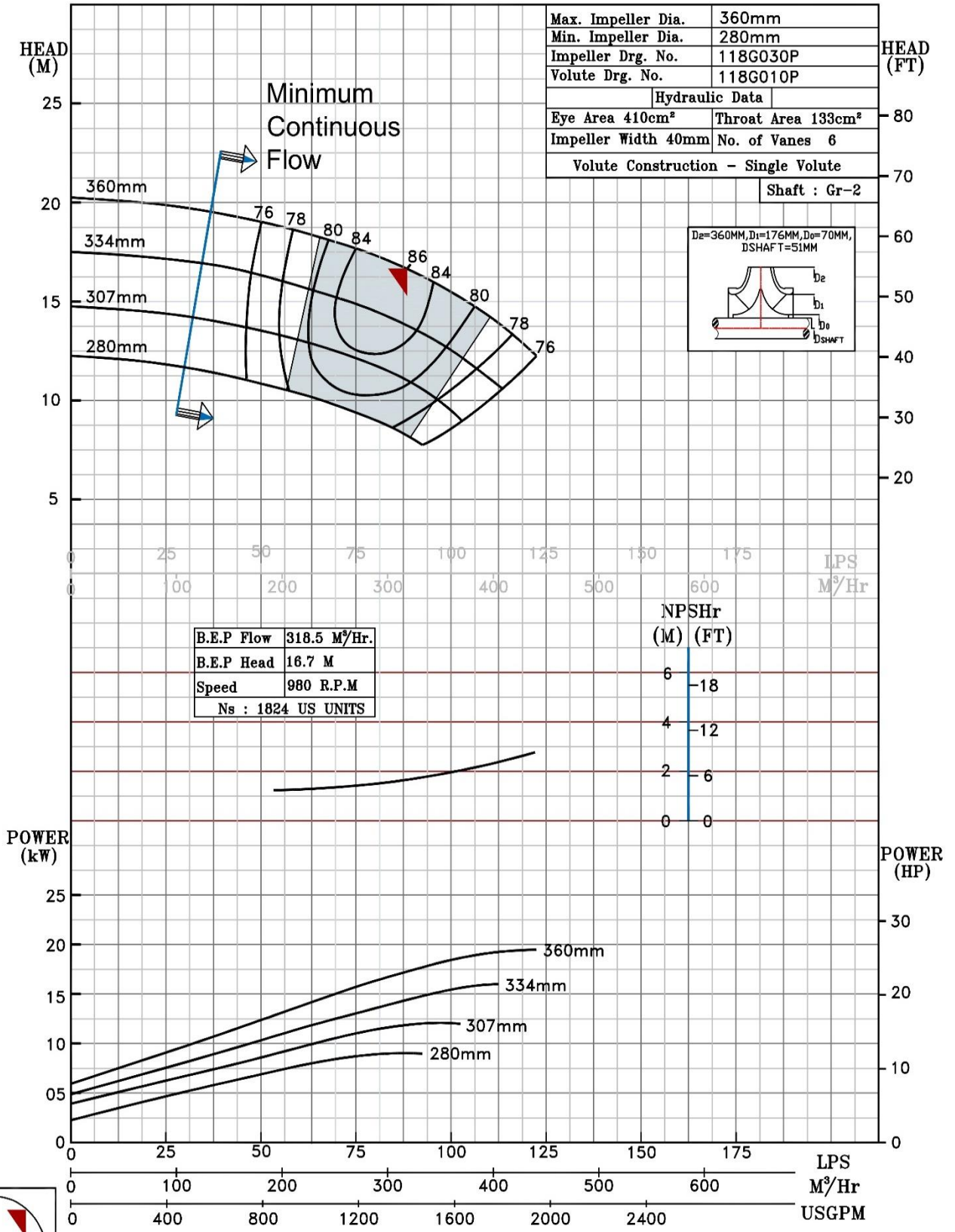
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HS14 @980 R.P.M		6HS14/X/101856	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 6HS14	WORKING PRESS.	16 bar
	SIZE 200x150-360	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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



980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HS15 @980 R.P.M

6HS15/Y/107156



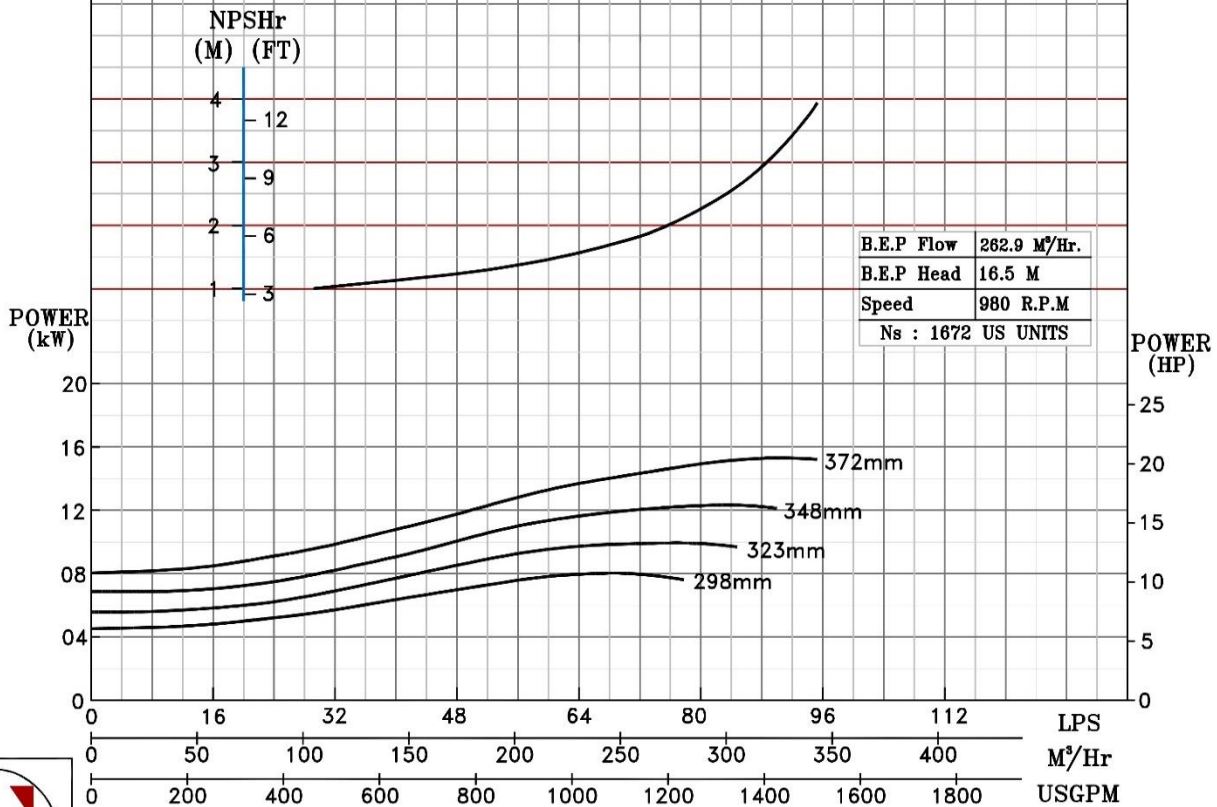
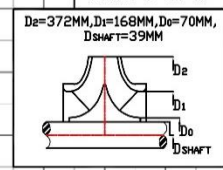
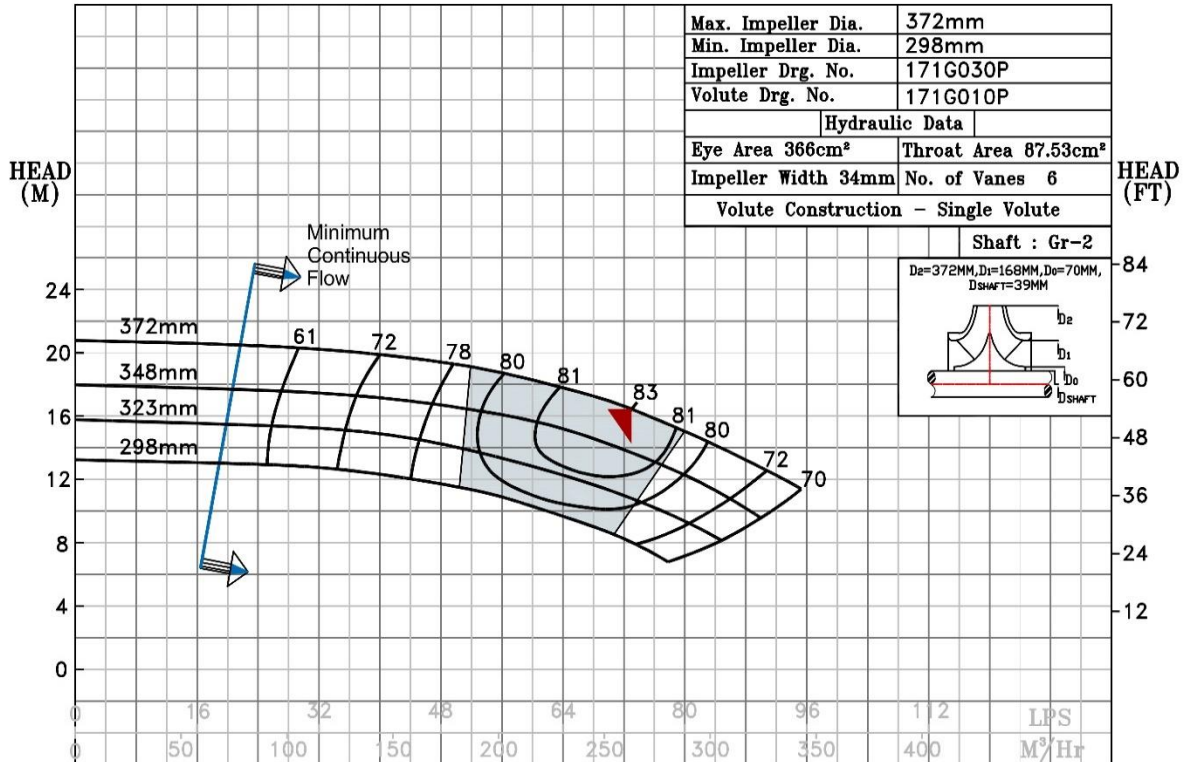
PUMPSENSE

HS RANGE

MODEL 6HS15	WORKING PRESS. 16 bar
SIZE 200x150-372	TEST PRESS. 24 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
SPEED 980 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

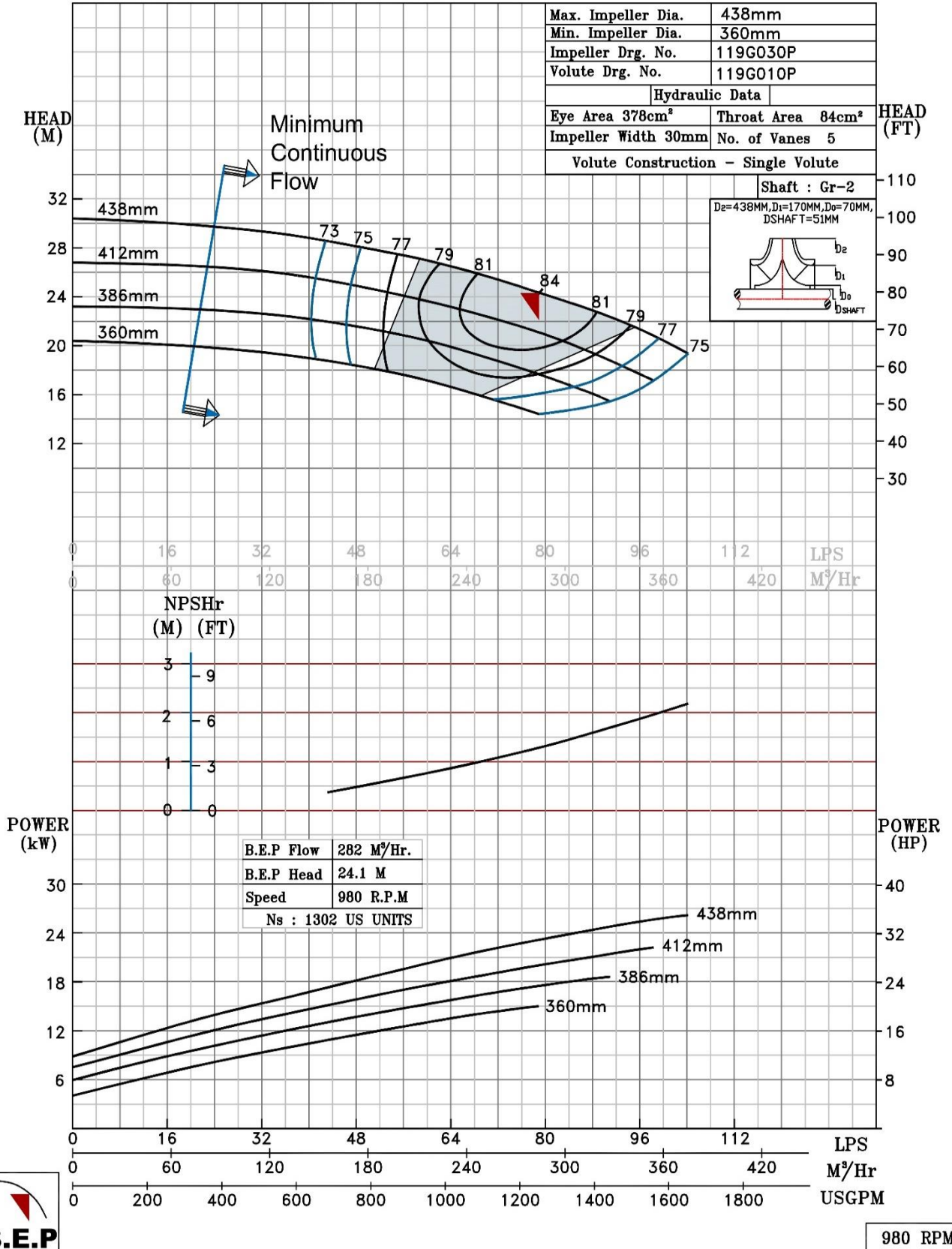


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HS17 @980 R.P.M		6HS17/X/101956	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 6HS17	WORKING PRESS. 16 bar	
	SIZE 200x150-438	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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 6HS21 @980 R.P.M

6HS21/X/102056



PUMPSENSE

HS RANGE

MODEL 6HS21

WORKING PRESS. 16 bar

SIZE 200x150-530

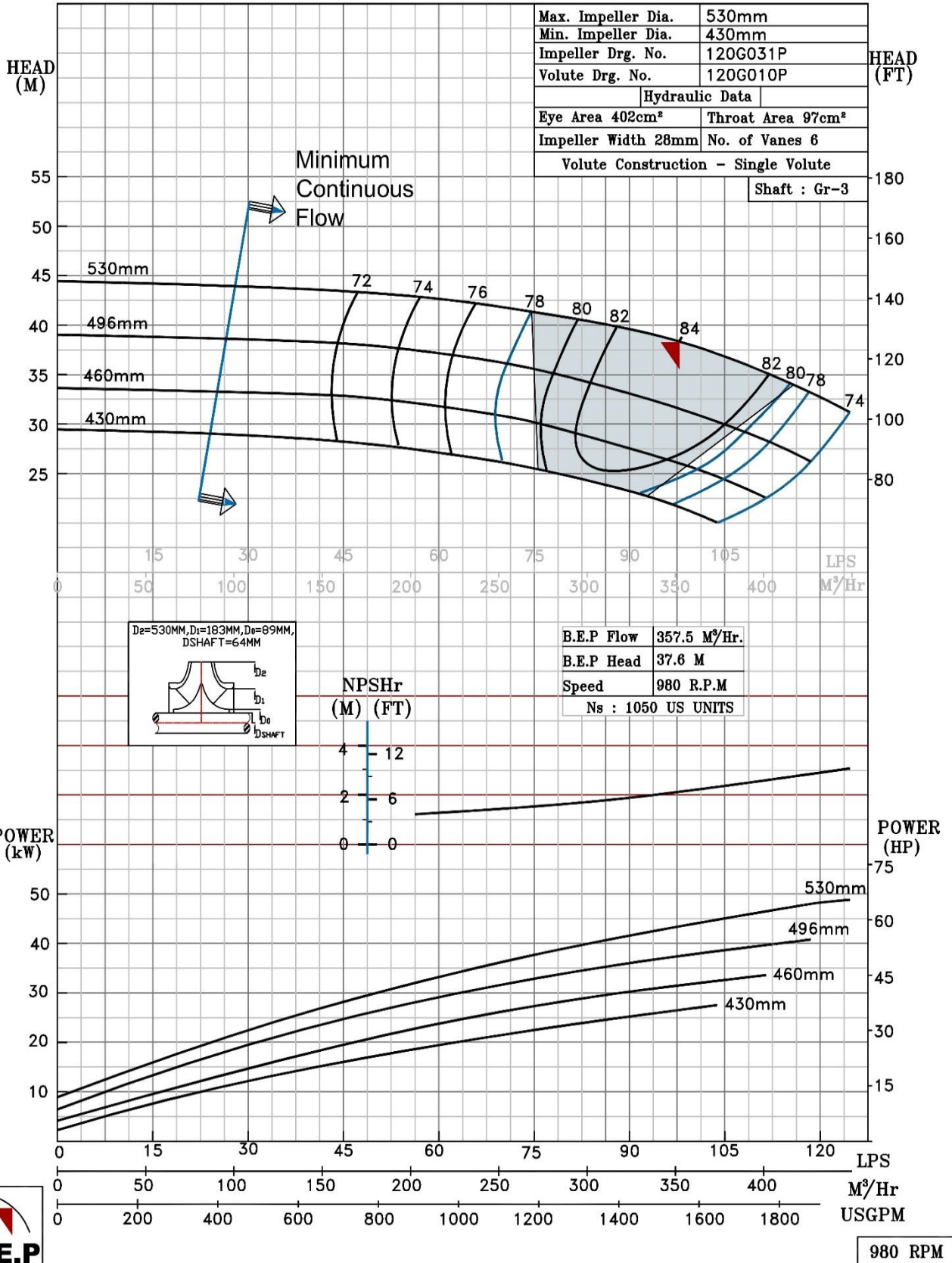
TEST PRESS. 24 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE


SPEED 980 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

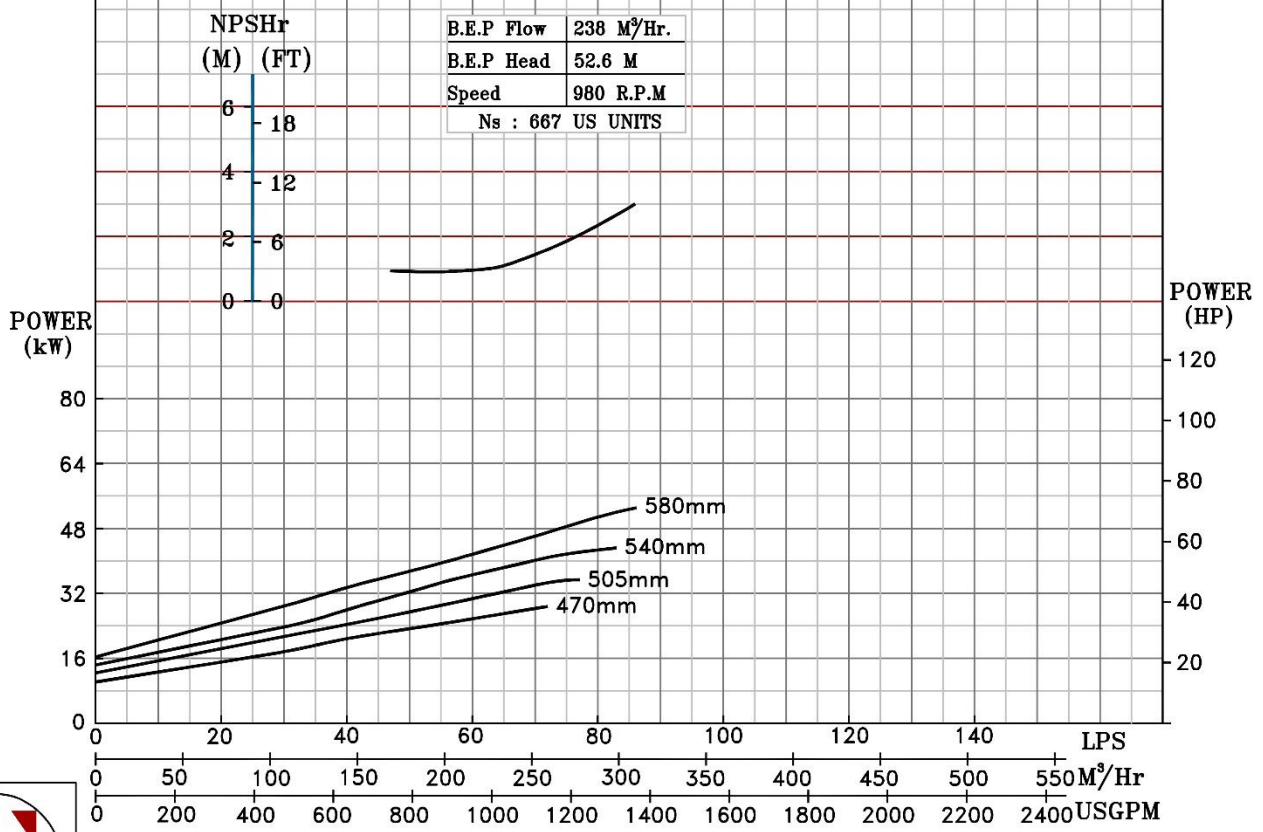
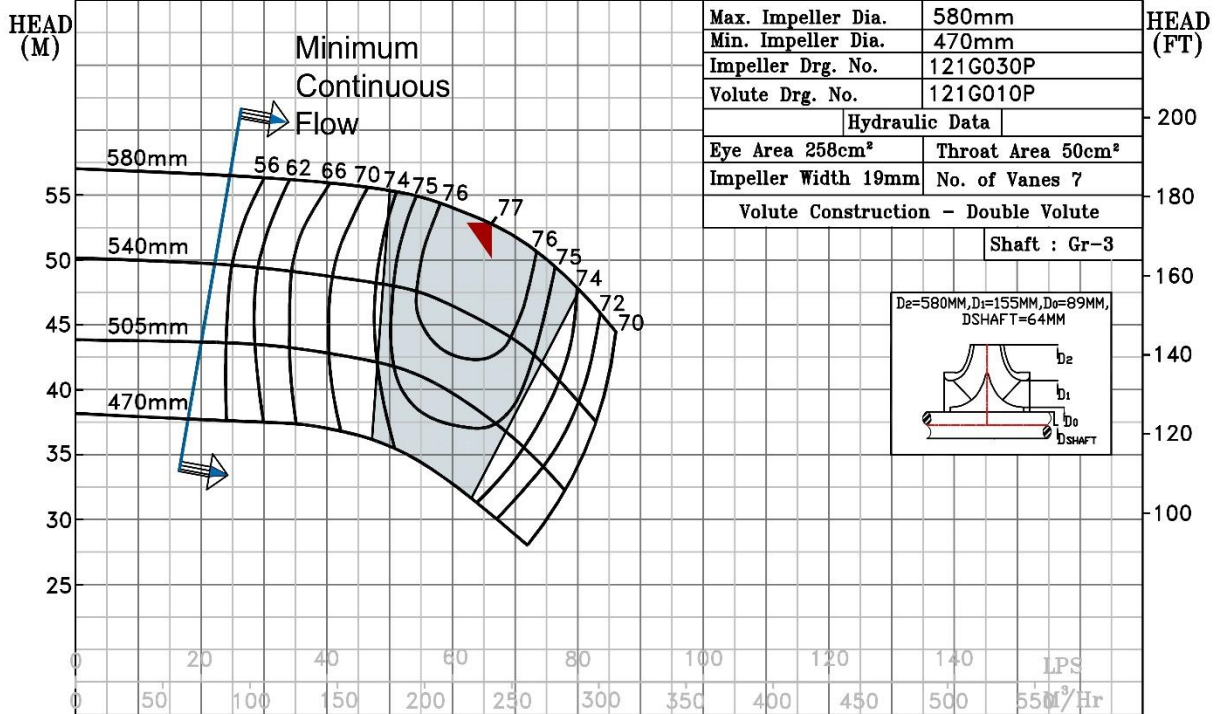


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 6HS23 @980 R.P.M		6HS23/X/102156	
	<b>PUMPSENSE</b> <i>HS RANGE</i>	MODEL 6HS23	WORKING PRESS. 16 bar
		SIZE 200x150-580	TEST PRESS. 24 bar
		TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
		SPEED 980 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



980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS12 @980 R.P.M

8HS12/X/102256



PUMPSENSE

HS RANGE

MODEL 8HS12

WORKING PRESS. 16 bar

SIZE 200x200-300

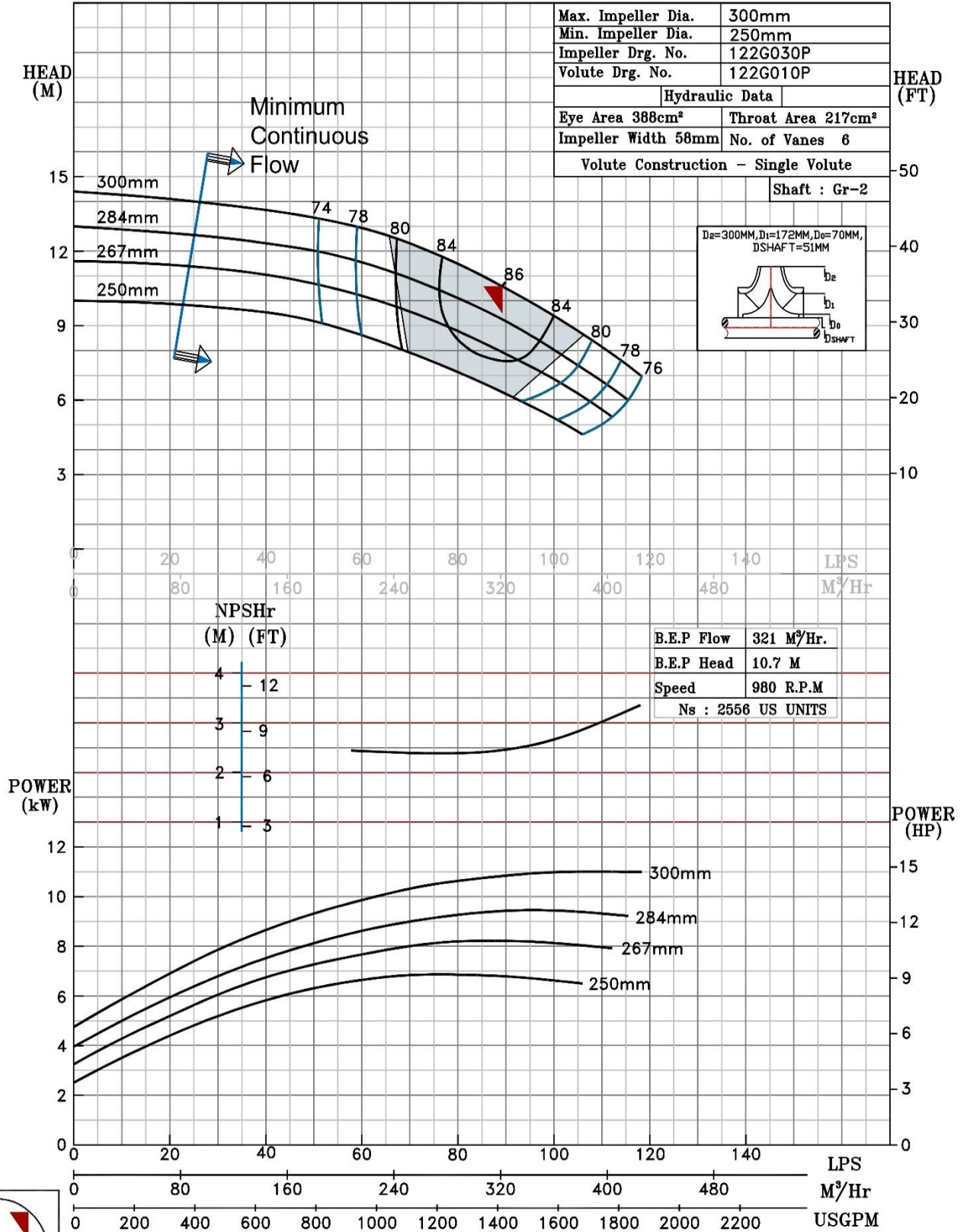
TEST PRESS. 24 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 980 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



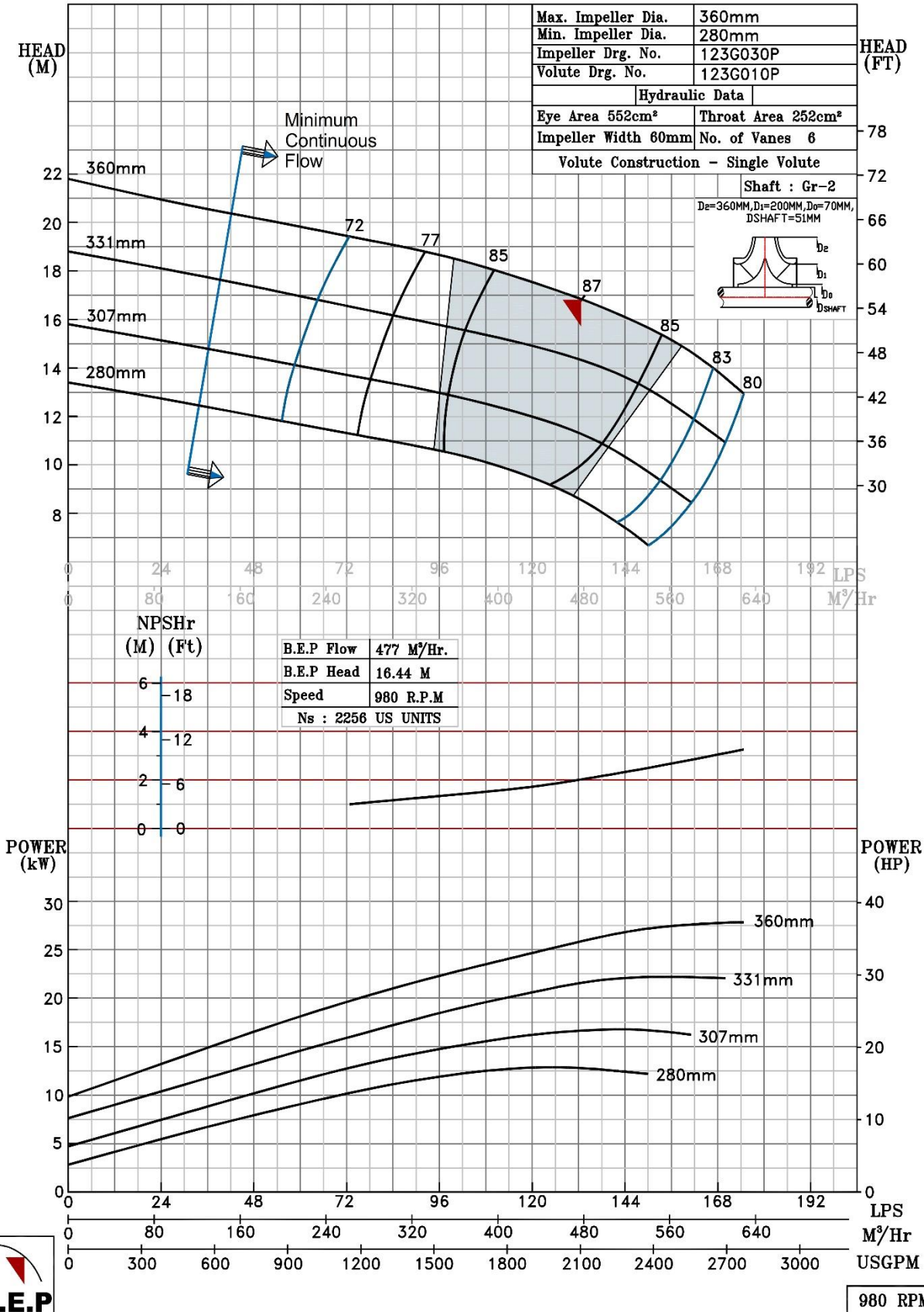
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS14 @980 R.P.M		8HS14/X/102356	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 8HS14</b>	WORKING PRESS.	16 bar
	SIZE 250x200-360	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 980 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



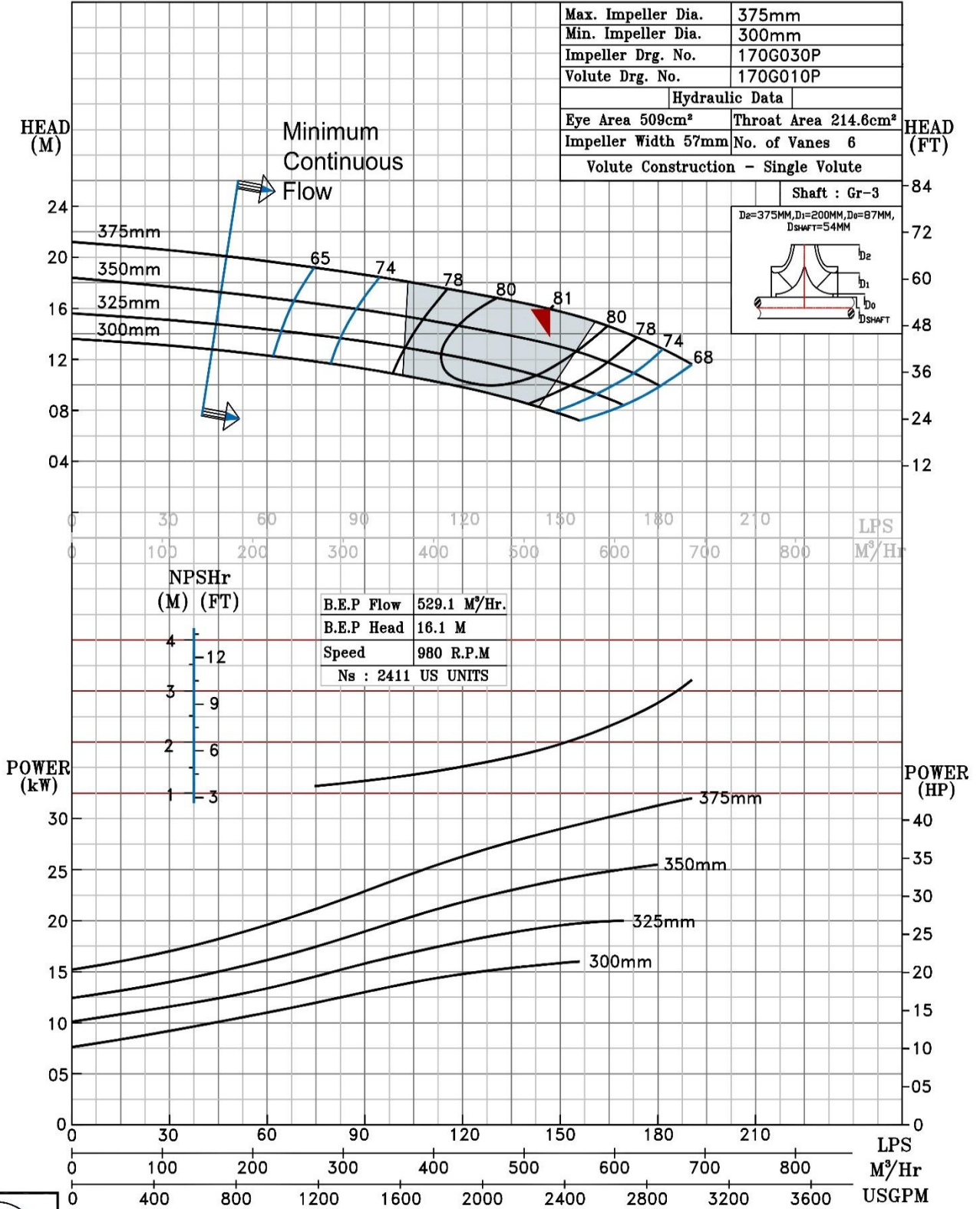


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS15 @980 R.P.M		8HS15/Y/107056	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 8HS15</b>	WORKING PRESS.	16 bar
	SIZE 250x200-375	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 980 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



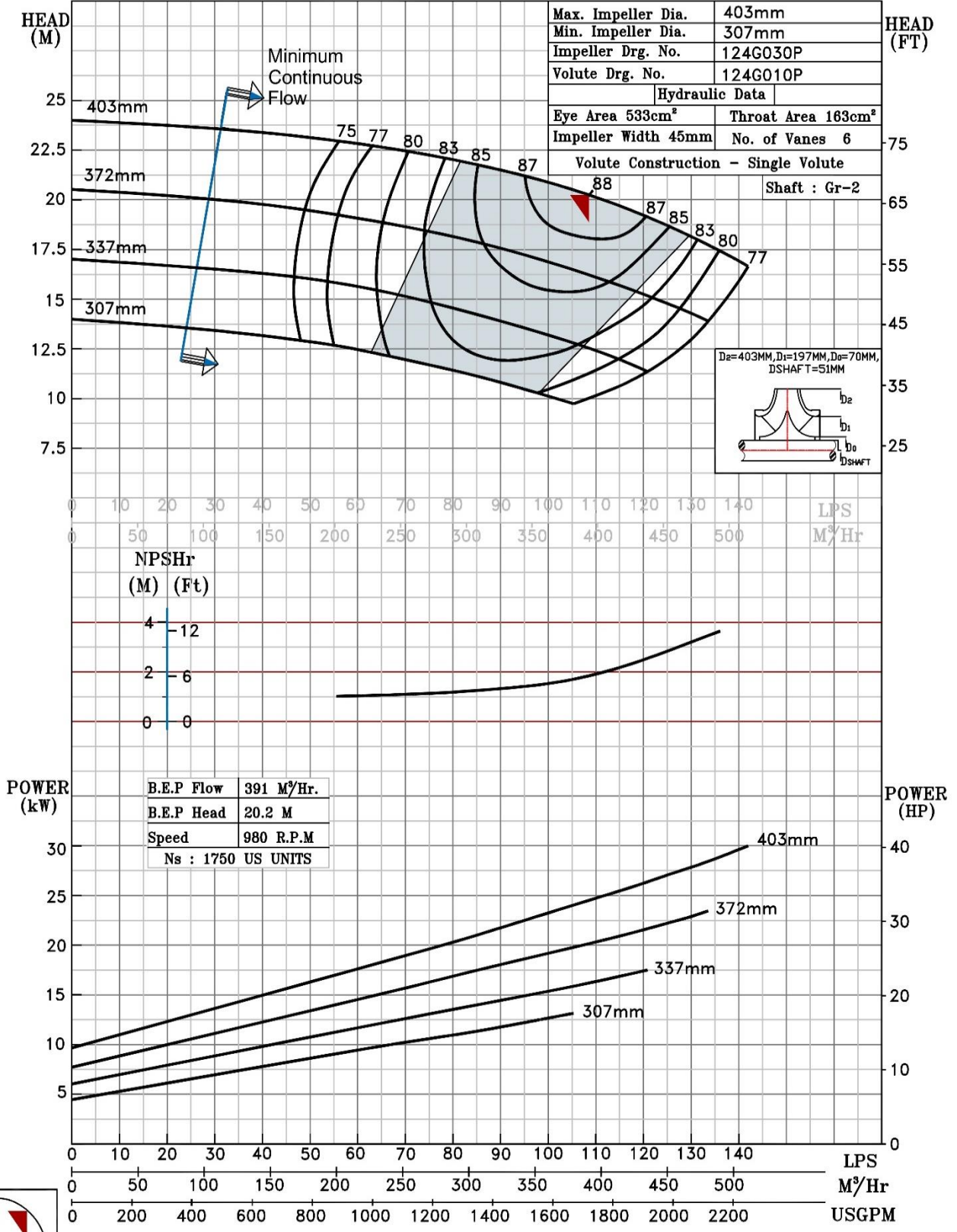
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS16 @980 R.P.M		8HS16/X/102456	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 8HS16</b>	WORKING PRESS.	16 bar
	SIZE 200x200-403	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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

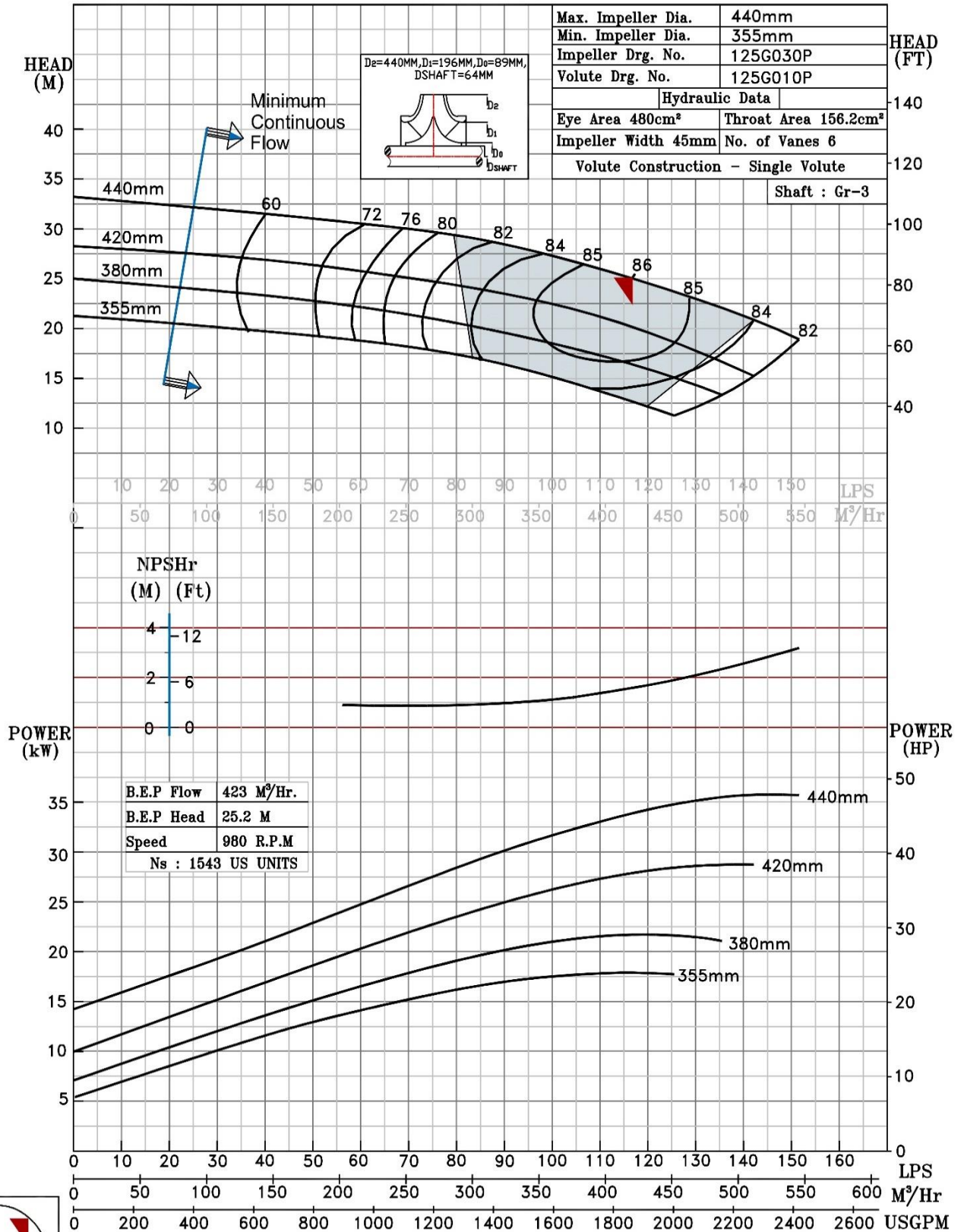


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


<b>PERFORMANCE CURVE OF 8HS17 @980 R.P.M</b>		8HS17/X/102556		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 8HS17</b>		WORKING PRESS. 16 bar	
	SIZE 200x200-440	TEST PRESS. 24 bar		
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE			SPEED 980 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

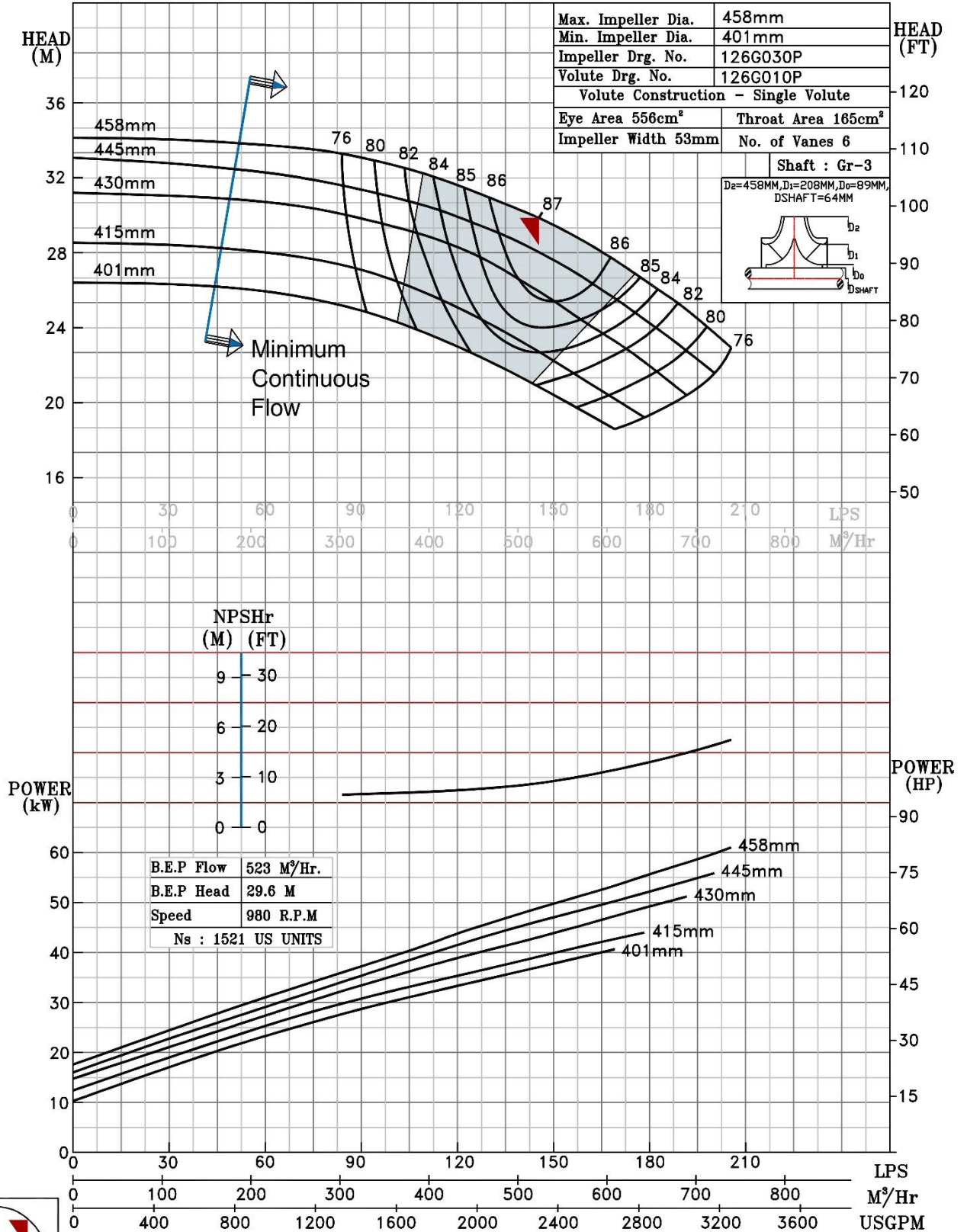


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 8HS18TA @980 R.P.M		8HS18TA/Y/102656		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 8HS18TA	WORKING PRESS.	16 bar	
	SIZE 250x200-458	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

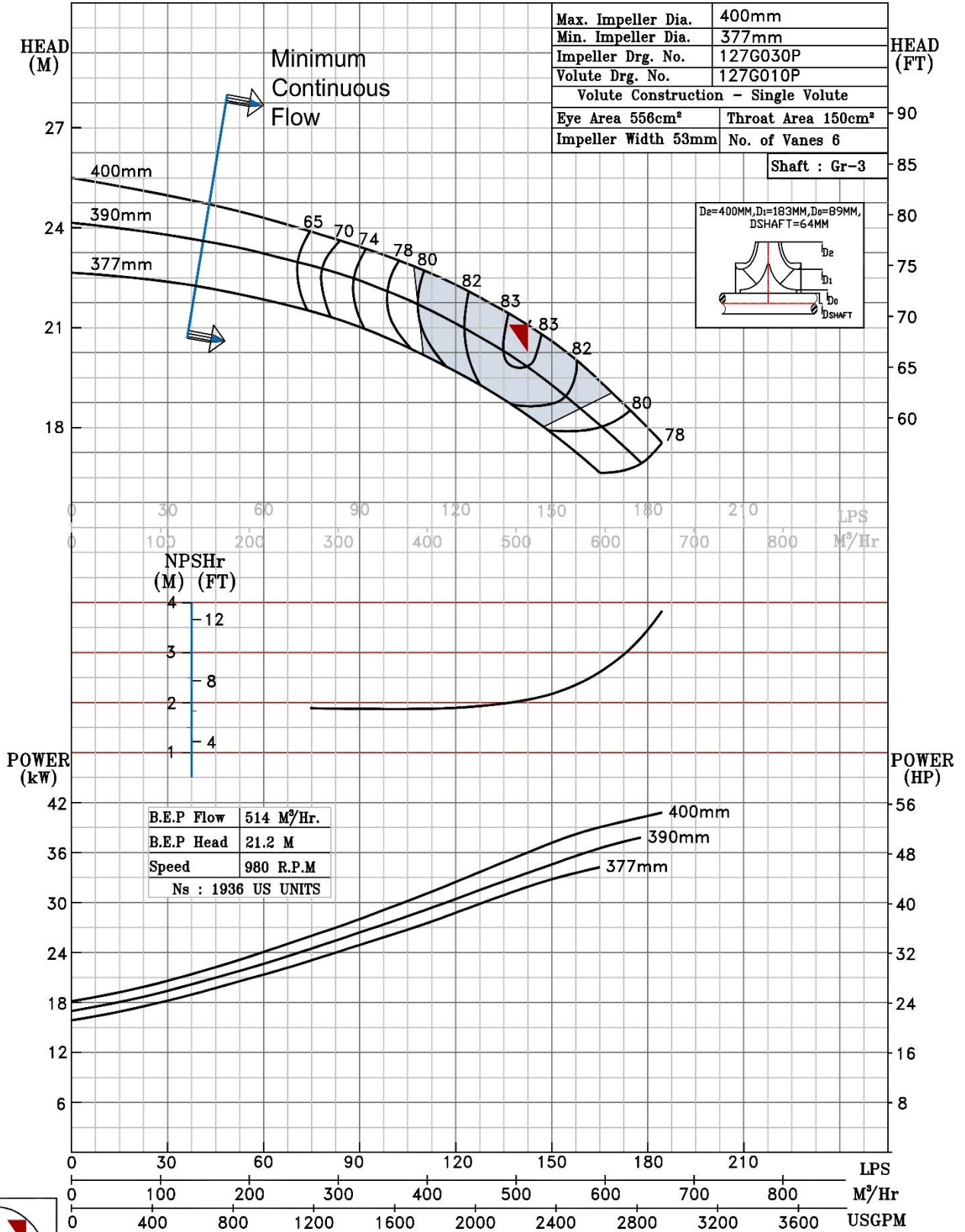


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 8HS18TB @980 R.P.M		8HS18TB/X/102756	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 8HS18TB</b>	WORKING PRESS.	16 bar
	SIZE 250x200-400	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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



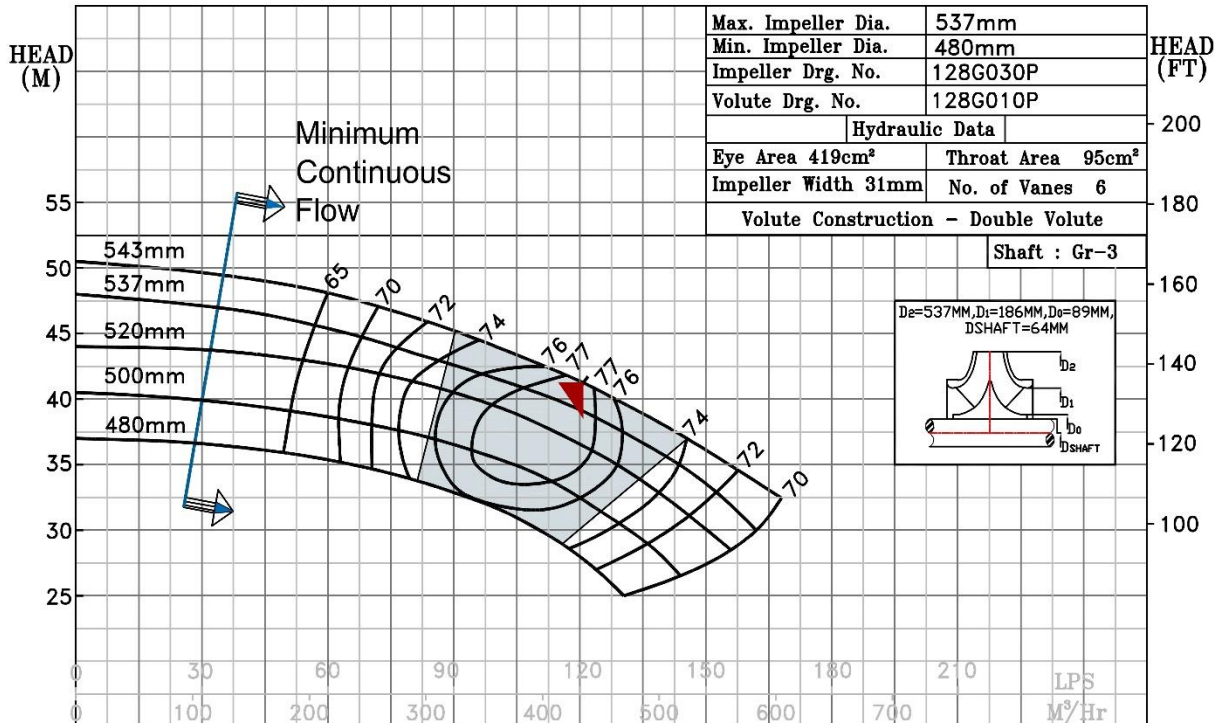
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

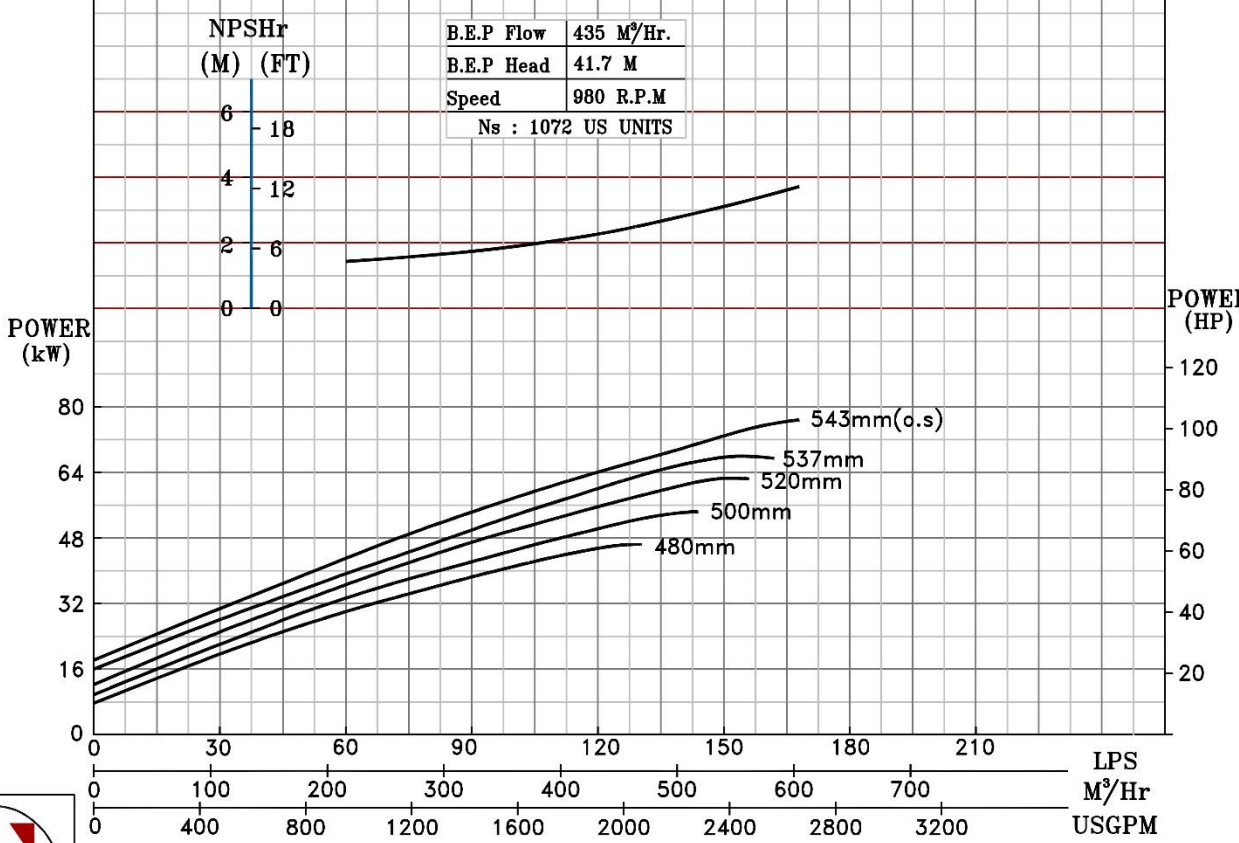
PERFORMANCE CURVE OF 8HS21TA @980 R.P.M		8HS21TA/X/102856	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 8HS21TA	WORKING PRESS.	20 bar
	SIZE 200x200-537	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 rpm		

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.	537mm
Min. Impeller Dia.	480mm
Impeller Drg. No.	128G030P
Volute Drg. No.	128G010P
Hydraulic Data	
Eye Area 419cm²	Throat Area 95cm²
Impeller Width 31mm	No. of Vanes 6
Volute Construction - Double Volute	
Shaft : Gr-3	



980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS21TB @980 R.P.M

8HS21TB/X/102956



PUMPSENSE

HS RANGE

MODEL 8HS21TB

WORKING PRESS. 20 bar

SIZE 200x200-478

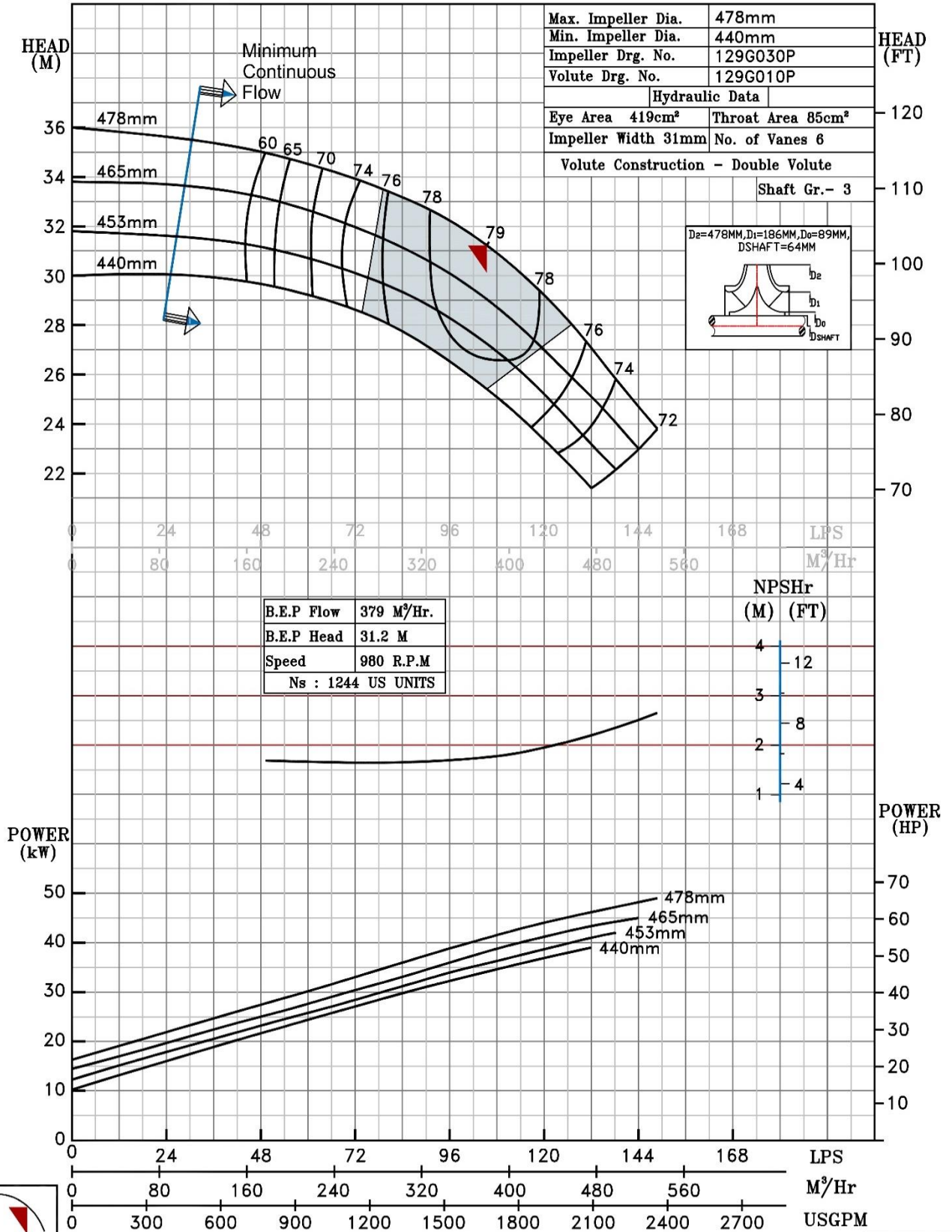
TEST PRESS. 30 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 980 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

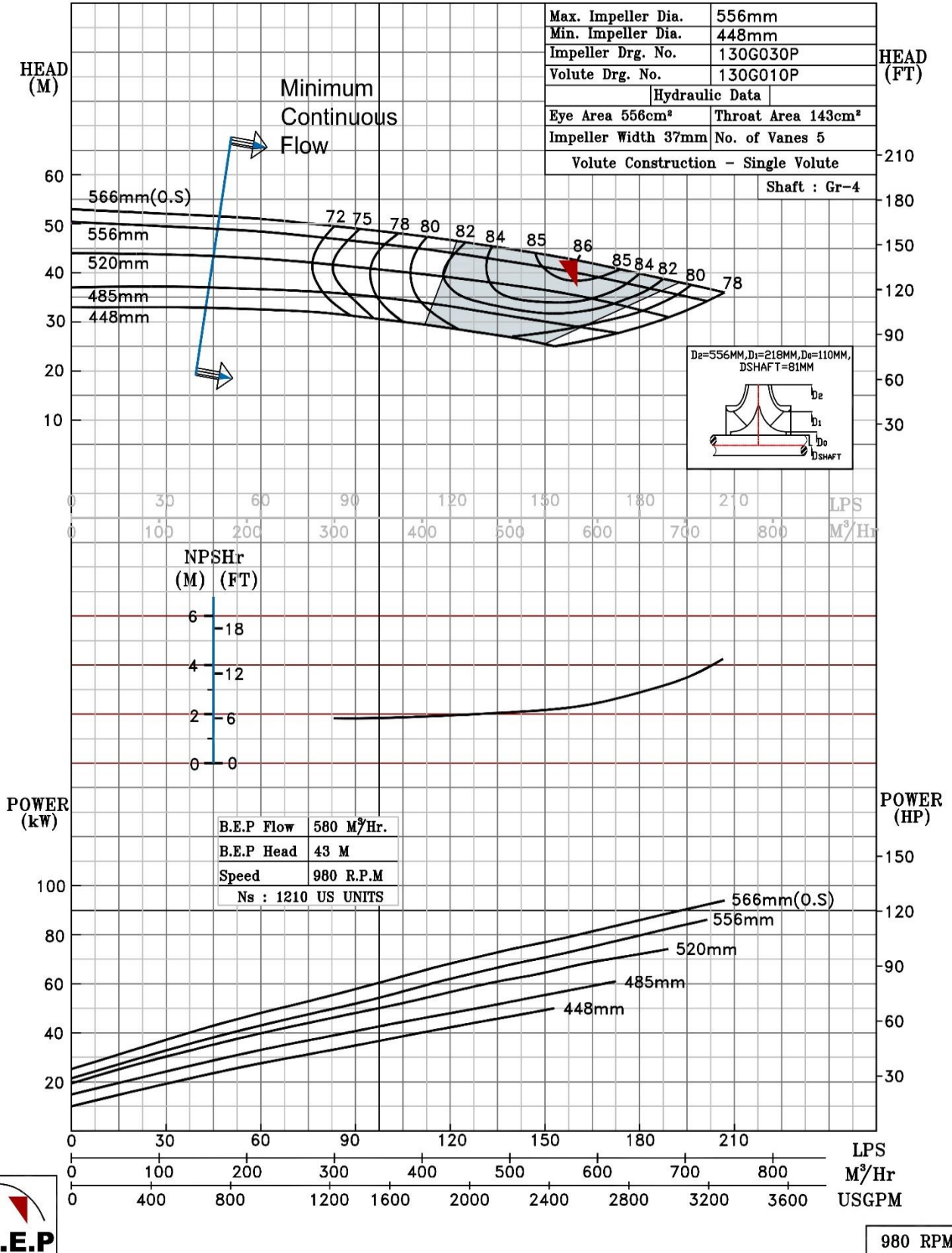


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 8HS22 @980 R.P.M		8HS22/Y/103056	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	MODEL 8HS22	WORKING PRESS.	16 bar
	SIZE 250x200-556	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

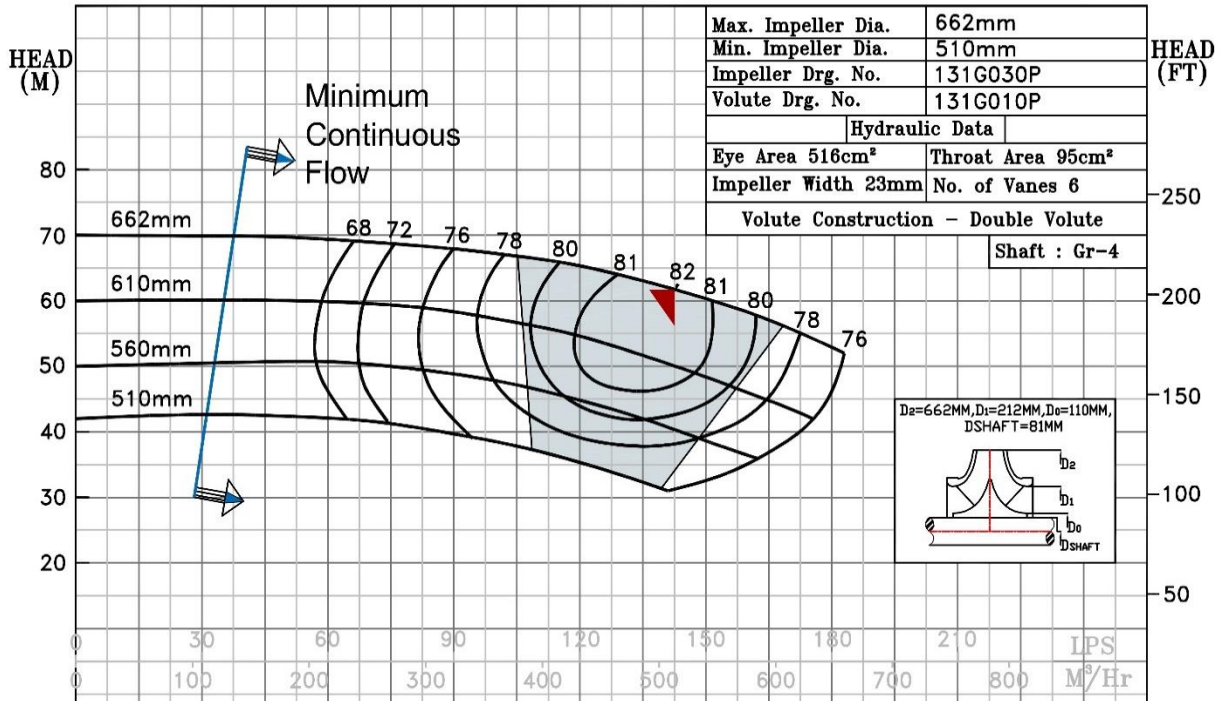




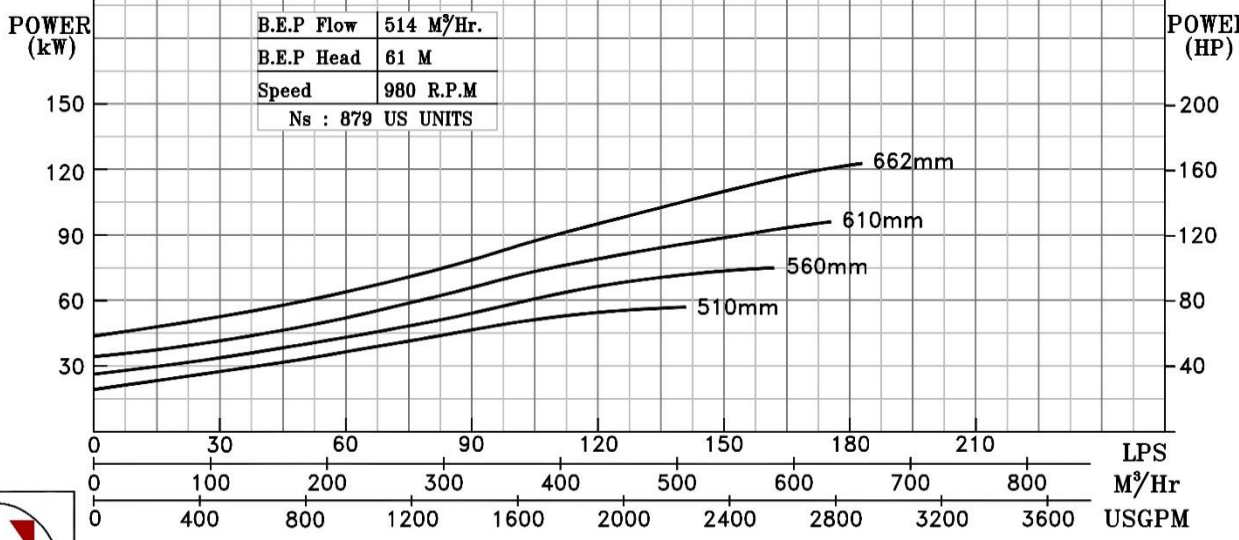
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HS26 @980 R.P.M		8HS26/X/103156		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 8HS26	WORKING PRESS.	20 bar	
	SIZE 250x200-662	TEST PRESS.	30 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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.	662mm
Min. Impeller Dia.	510mm
Impeller Drg. No.	131G030P
Volute Drg. No.	131G010P
Hydraulic Data	
Eye Area 516cm²	Throat Area 95cm²
Impeller Width 23mm	No. of Vanes 6
Volute Construction - Double Volute	
Shaft : Gr-4	




B.E.P Flow	514 M³/Hr.
B.E.P Head	61 M
Speed	980 R.P.M
Ns : 879 US UNITS	

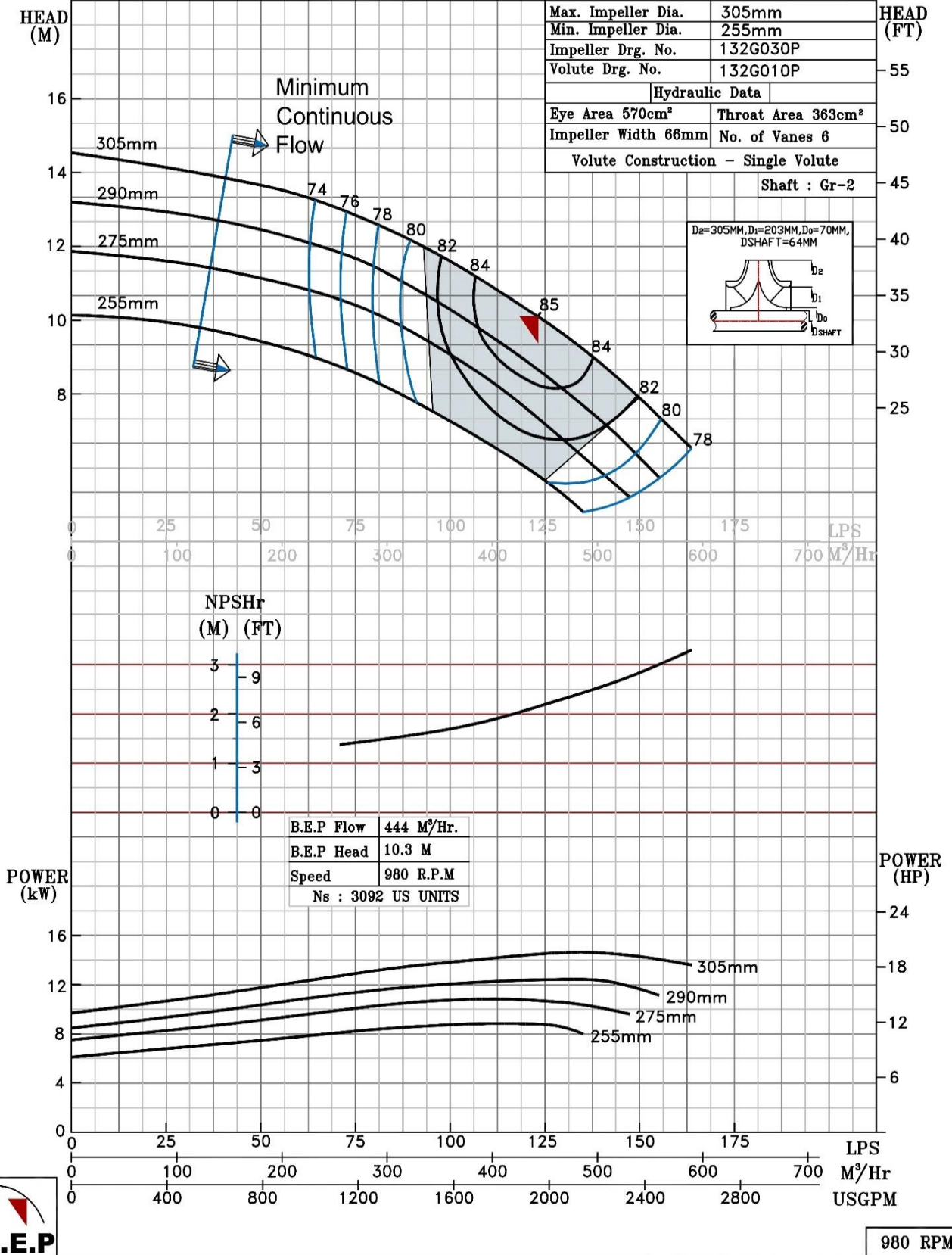


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


<b>PERFORMANCE CURVE OF 10HS12 @980 R.P.M</b>		10HS12/X/103256	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 10HS12	<b>WORKING PRESS.</b> 16 bar	
	SIZE 250x250-305	<b>TEST PRESS.</b> 24 bar	
	<b>TYPE-AXIALLY SPLIT CASE SINGLE STAGE</b>		<b>SPEED 980 rpm</b>

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

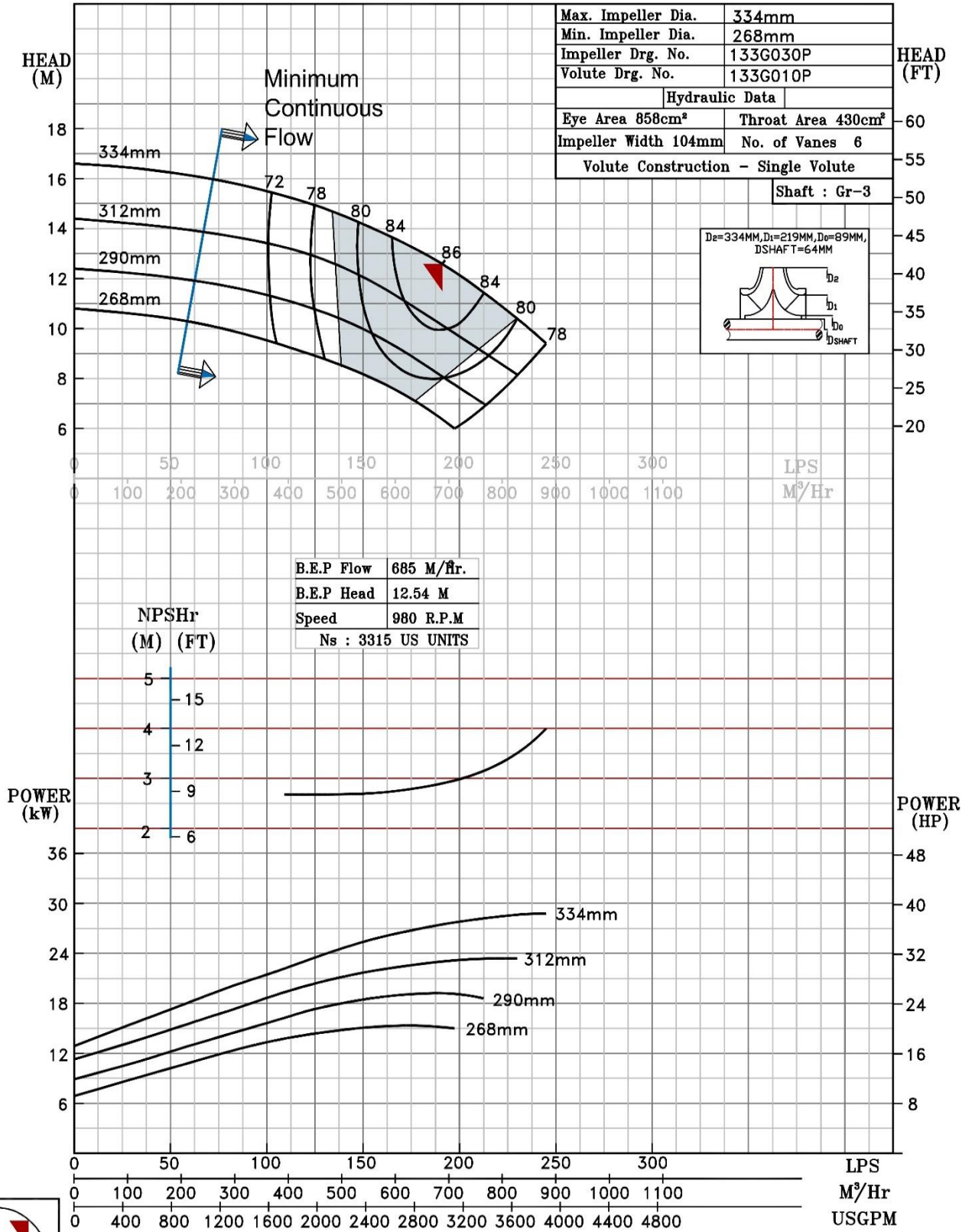


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


<b>PERFORMANCE CURVE OF 10HS13 @980 R.P.M</b>		10HS13/X/103356	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 10HS13</b>	WORKING PRESS.	10 bar
	SIZE 300x250-334	TEST PRESS.	15 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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



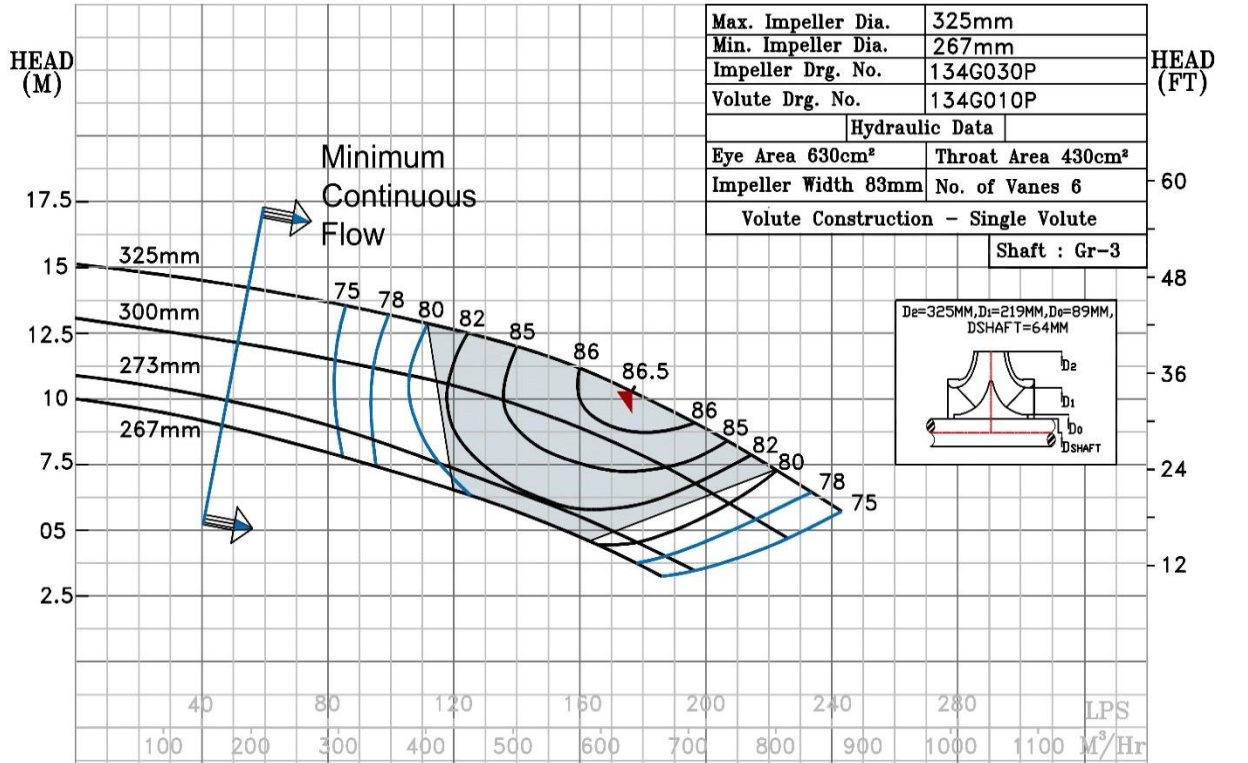
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

<b>PERFORMANCE CURVE OF 10HS13L @980 R.P.M</b>		10HS13L/Y/103456		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 10HS13L	<b>WORKING PRESS.</b> 16 bar		
	SIZE 300x250-325	<b>TEST PRESS.</b> 24 bar		
	<b>TYPE-AXIALLY SPLIT CASE SINGLE STAGE</b>		<b>SPEED</b> 980 rpm	

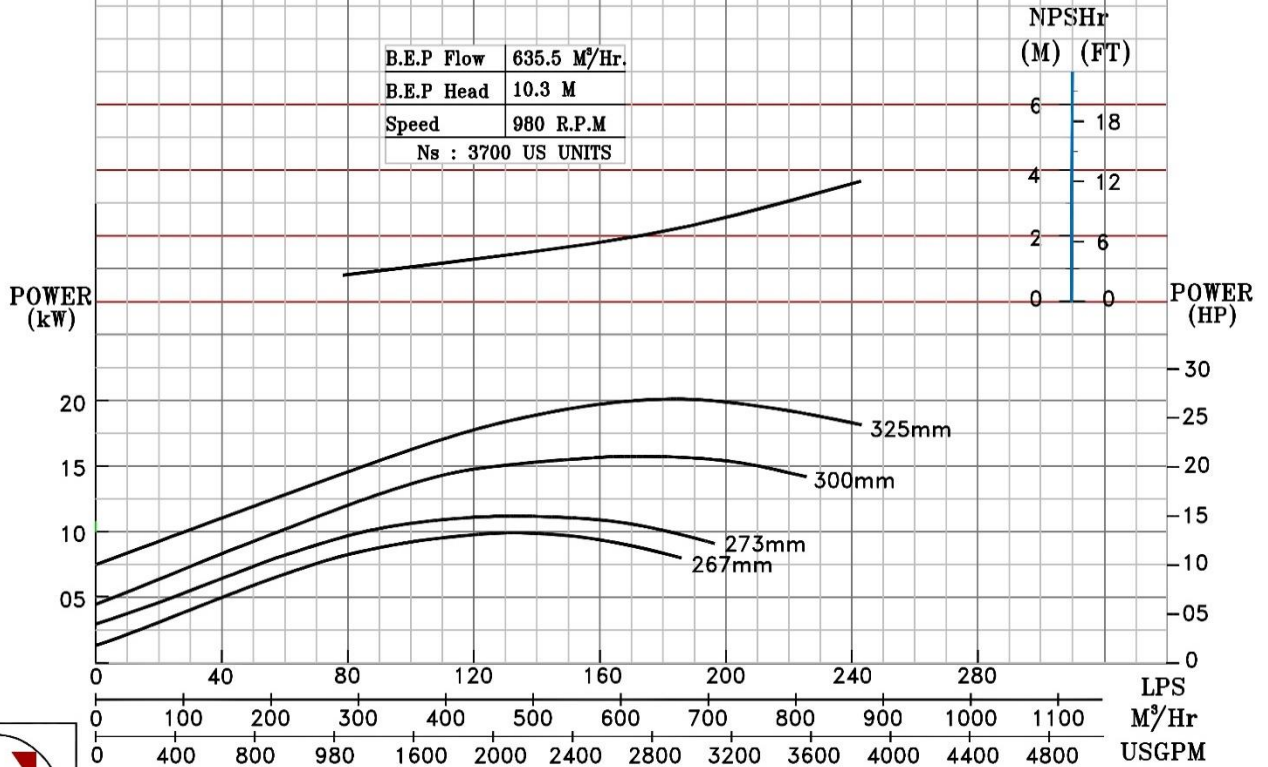
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE

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




B.E.P Flow	635.5 M³/Hr.
B.E.P Head	10.3 M
Speed	980 R.P.M
Ns : 3700 US UNITS	

NPSHr  
(M) (FT)



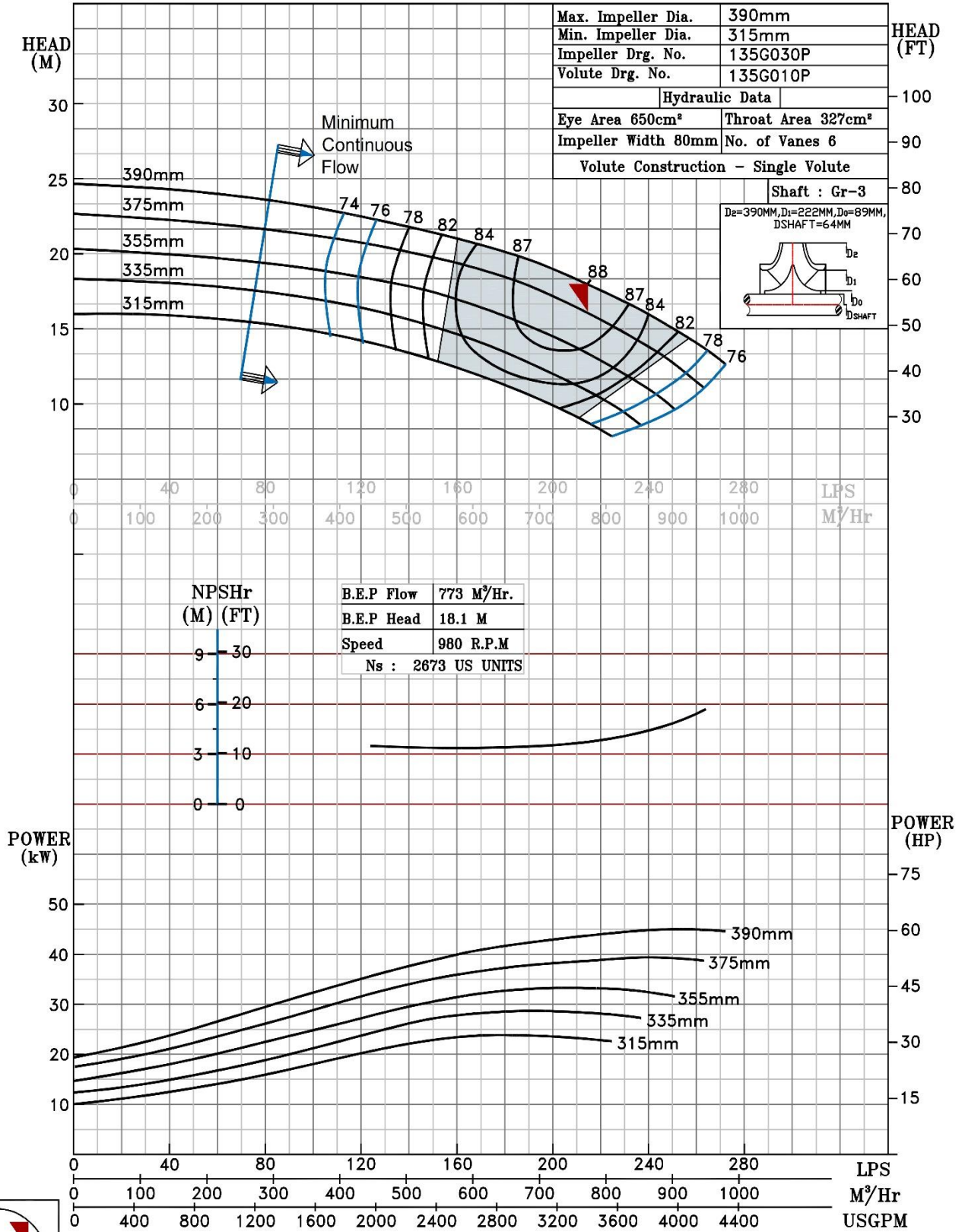
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

<b>PERFORMANCE CURVE OF 10HS15 @980 R.P.M</b>		10HS15/X/103556	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 10HS15</b>		WORKING PRESS. 16 bar
	SIZE 300x250-390	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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

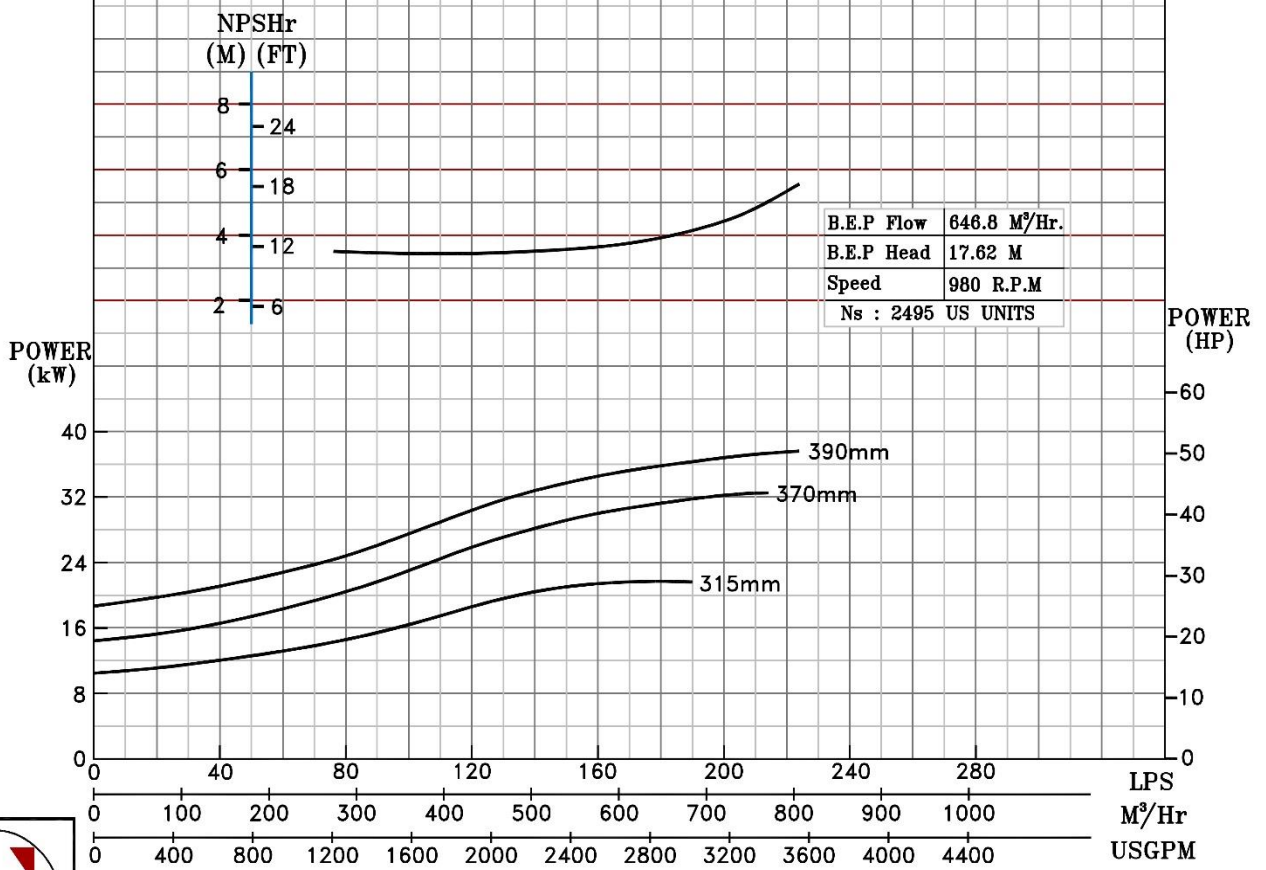
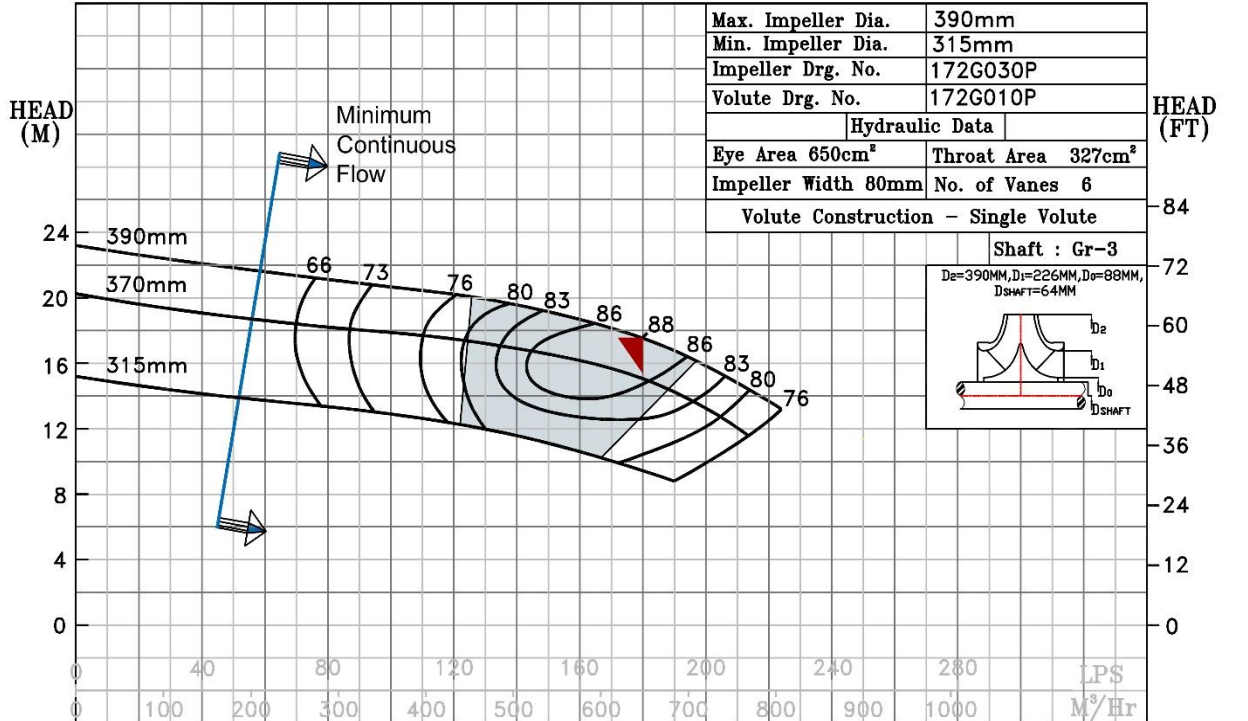


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 10HS15L @980 R.P.M		10HS15L/Y/107256		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 10HS15L	WORKING PRESS.	16 bar	
	SIZE 300x250-390	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

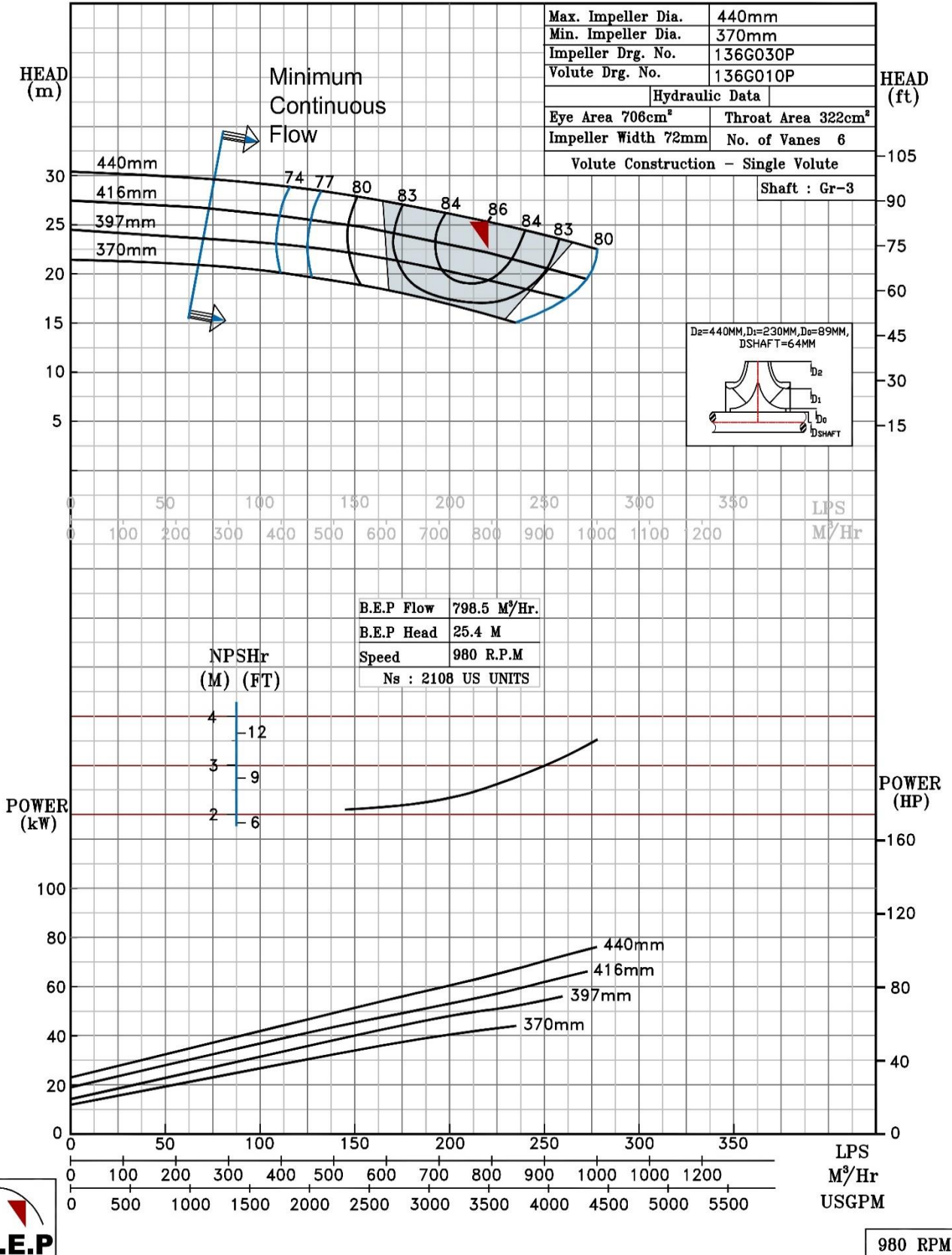


980 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS17 @980 R.P.M		10HS17/Y/103656		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 10HS17	WORKING PRESS.	16 bar	
	SIZE 300x250-440	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 rpm	

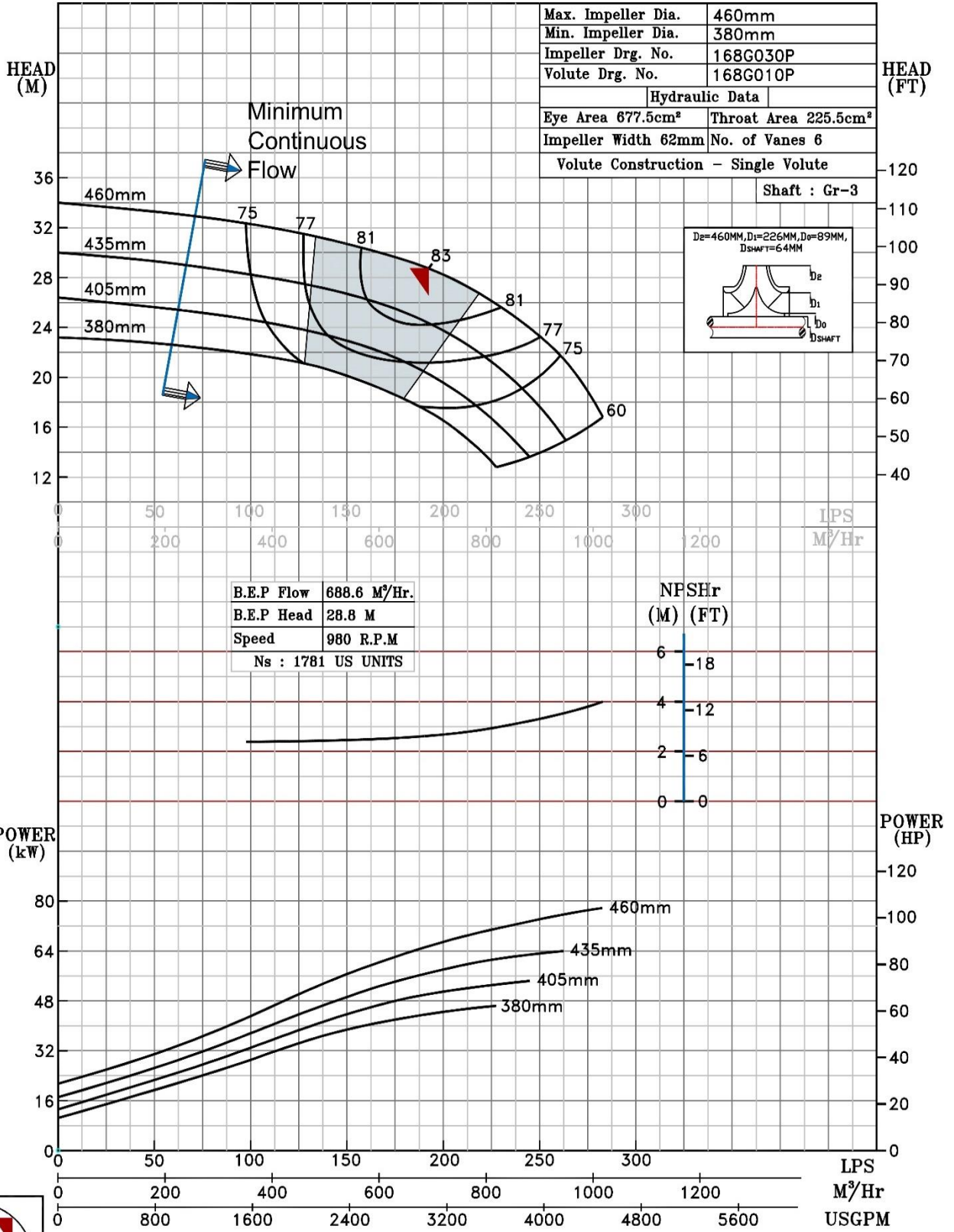
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE  
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS17L @980 R.P.M		10HS17L/Y/106856	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 10HS17L	WORKING PRESS. 16 bar	
	SIZE 250x250-460	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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



980 RPM

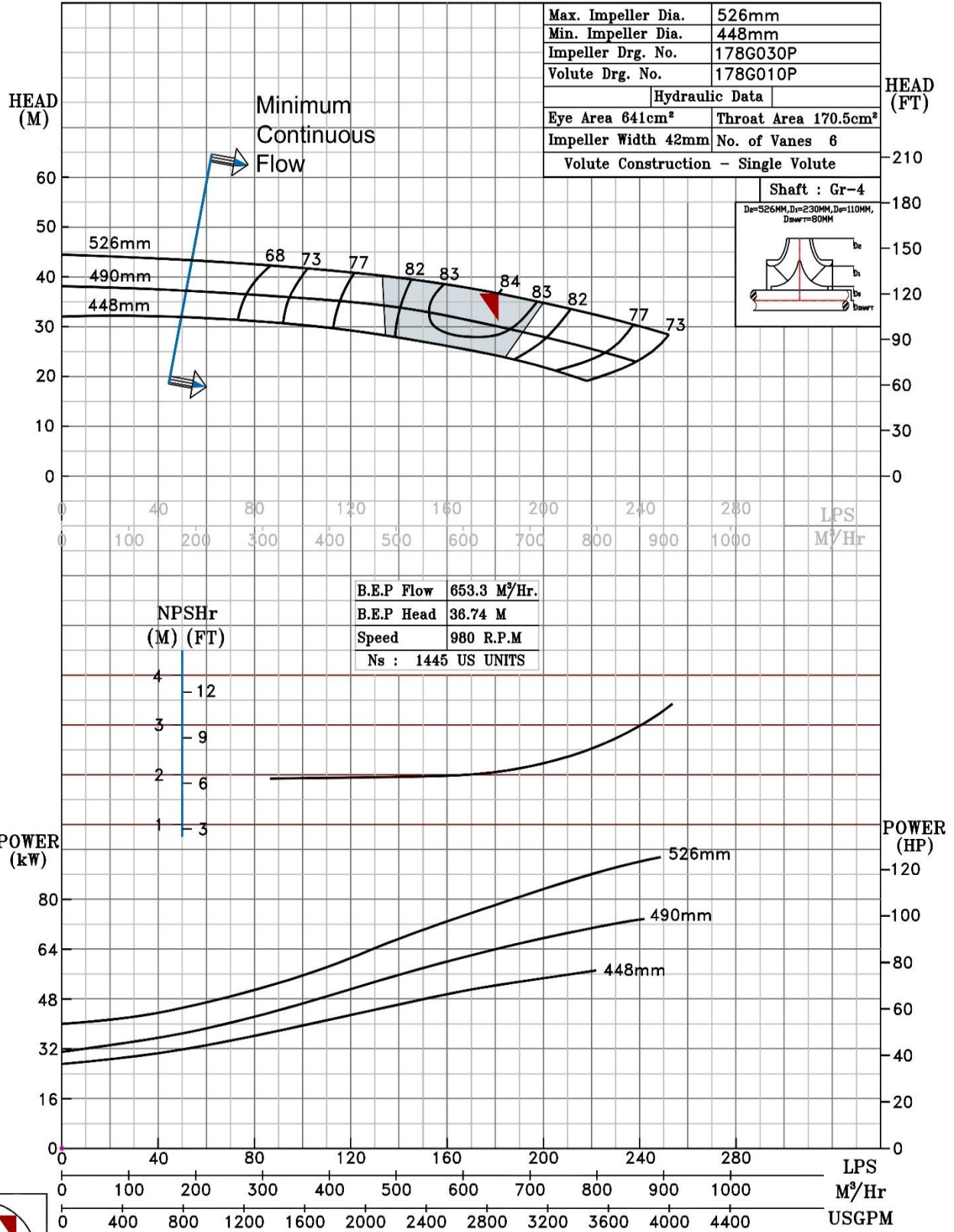


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS20 @980 R.P.M		10HS20/Y/107856	
 <p><b>PUMPSENSE</b> HS RANGE</p>	<b>MODEL 10HS20</b>	WORKING PRESS	20 bar
	SIZE 300x250-526	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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

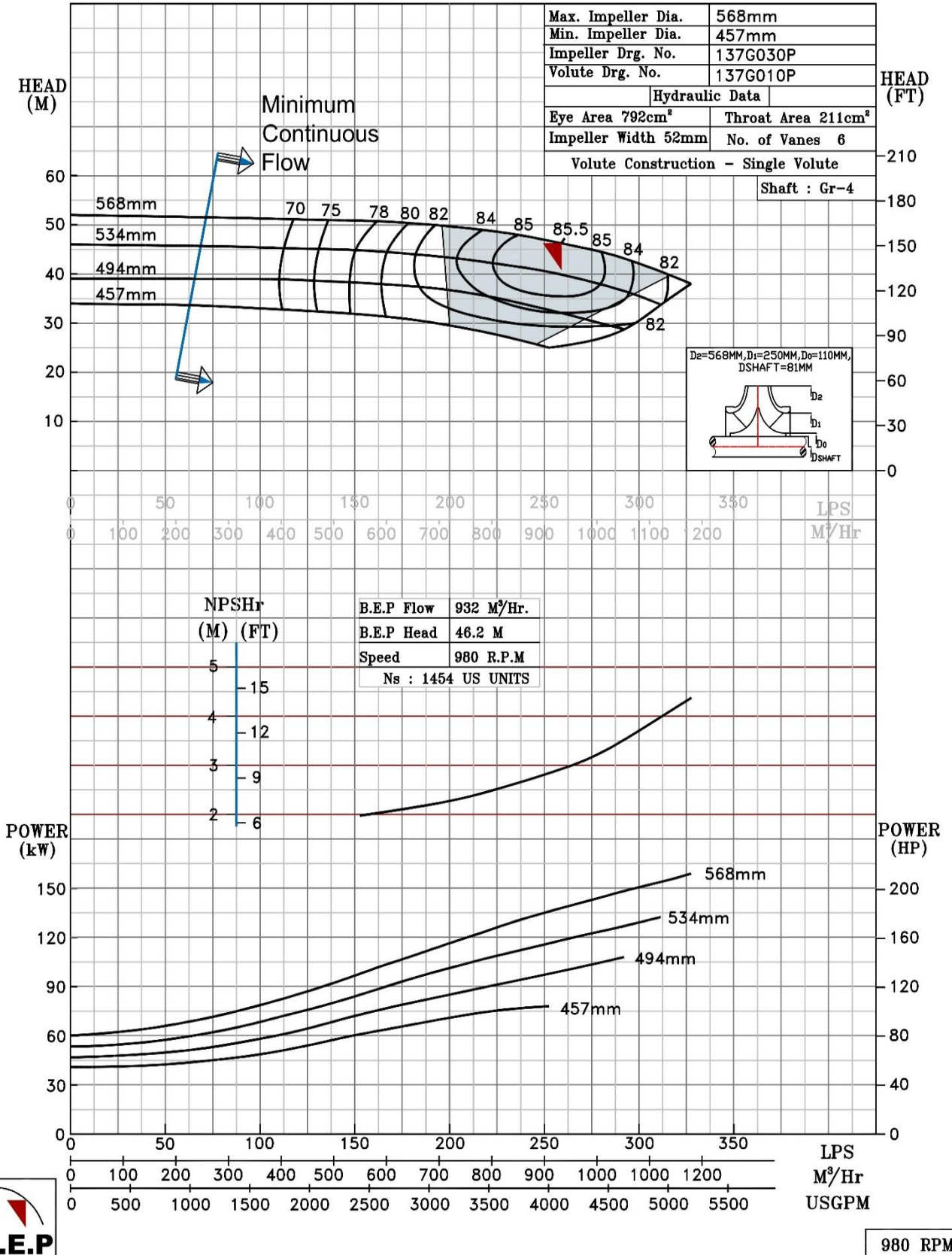


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 10HS22 @980 R.P.M		10HS22/Y/103756	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 10HS22	WORKING PRESS.	16 bar
	SIZE 300x250-568	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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

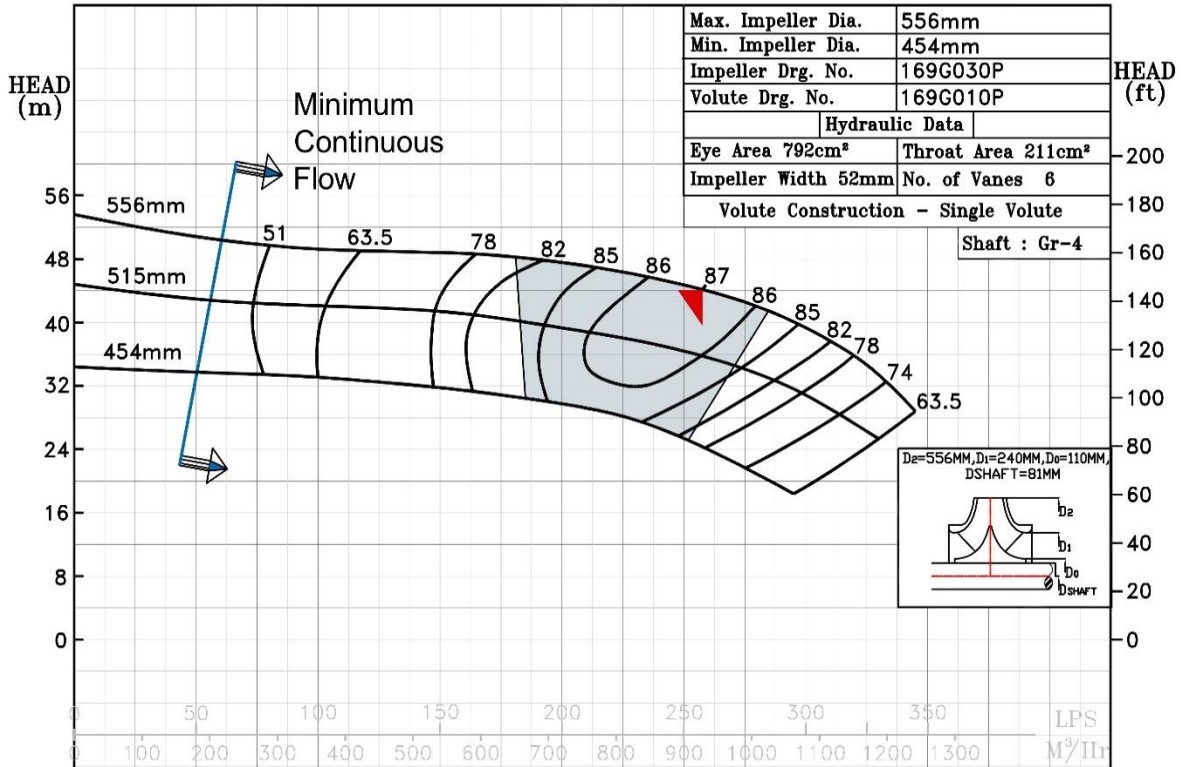


980 RPM

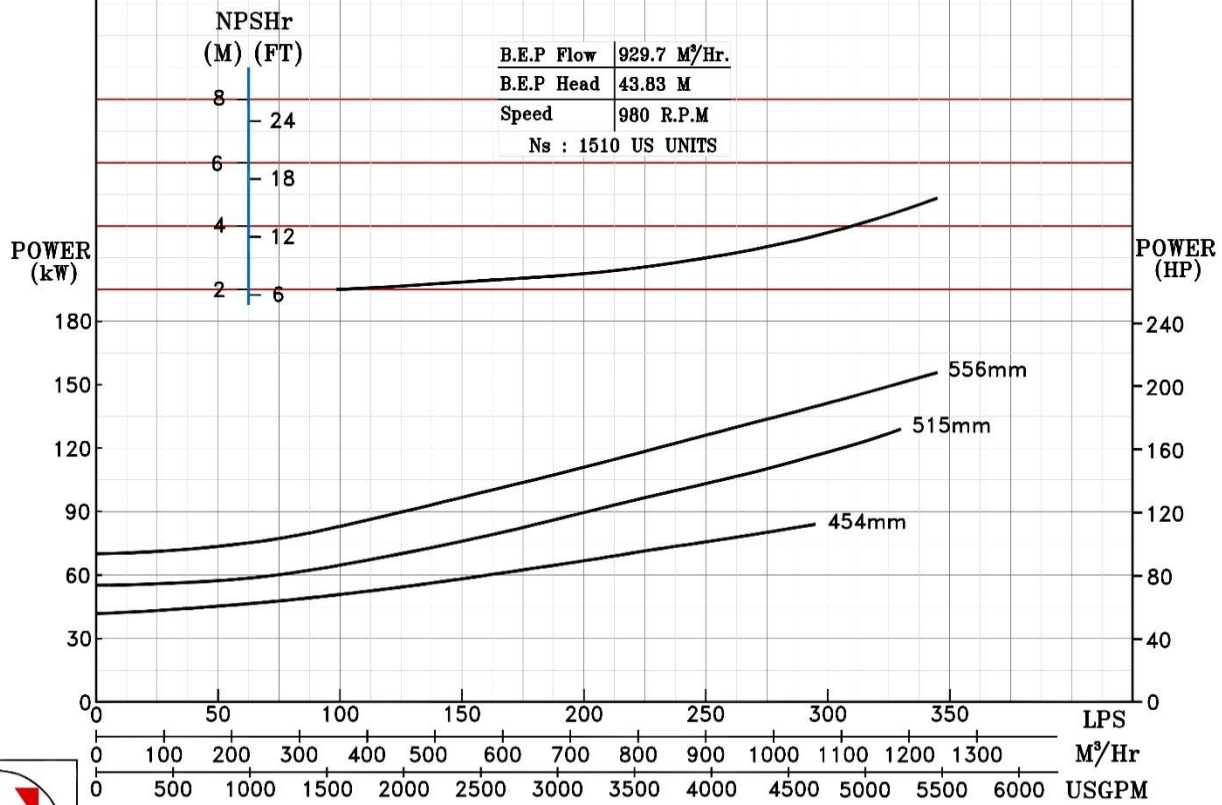
NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS22S @980 R.P.M		10HS22S/X/106956	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	MODEL 10HS22S	WORKING PRESS.	16 bar
	SIZE 350x250-556	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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.	556mm
Min. Impeller Dia.	454mm
Impeller Drg. No.	169G030P
Volute Drg. No.	169G010P
Hydraulic Data	
Eye Area 792cm <sup>2</sup>	Throat Area 211cm <sup>2</sup>
Impeller Width 52mm	No. of Vanes 6
Volute Construction - Single Volute	
Shaft : Gr-4	



980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 10HS27 @980 R.P.M

10HS27/X/103856



PUMPSENSE

HS RANGE

MODEL 10HS27

WORKING PRESS. 16 bar

SIZE 300x250-690

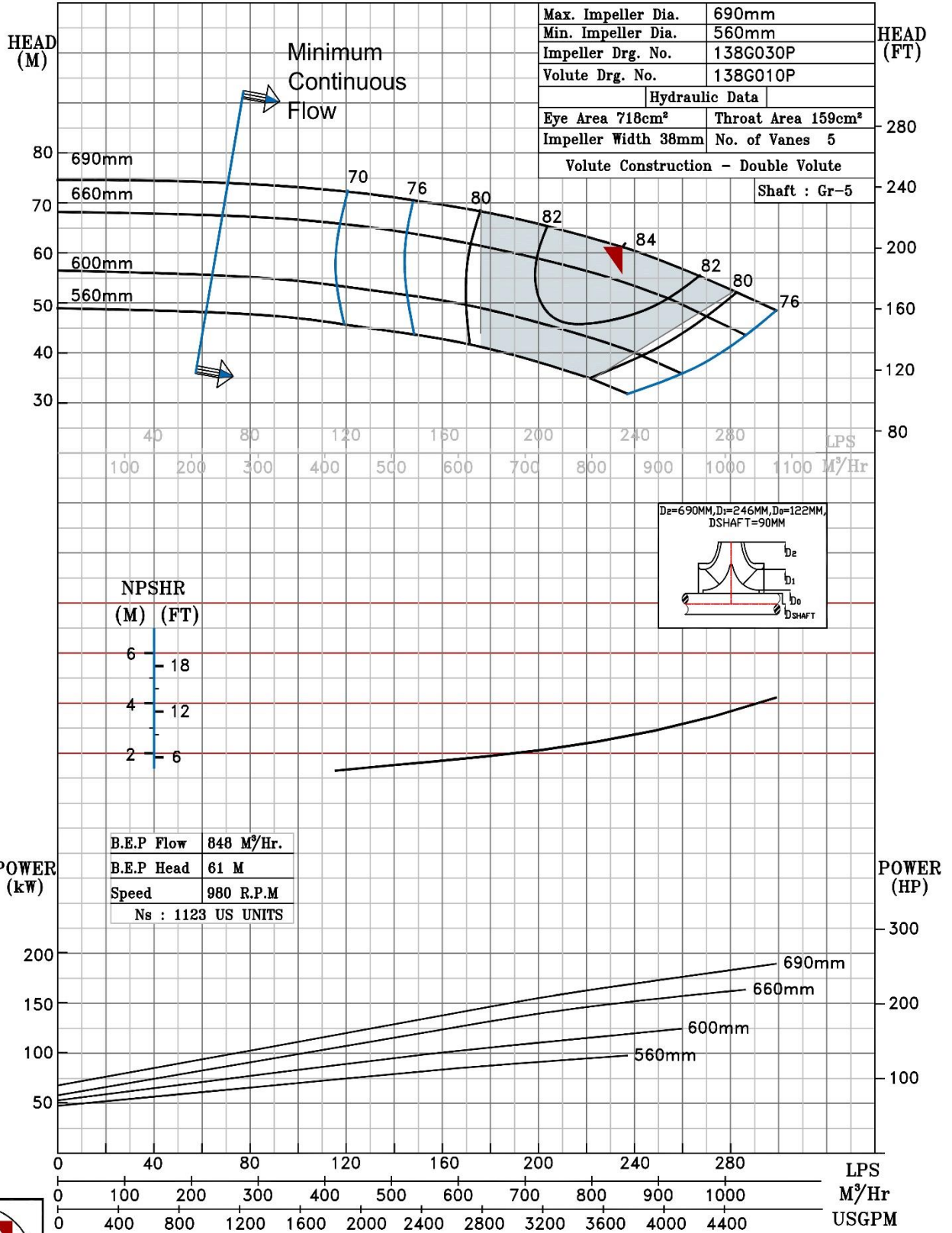
TEST PRESS. 24 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 980 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	848 M³/Hr.
B.E.P Head	61 M
Speed	980 R.P.M
Ns : 1123 US UNITS	



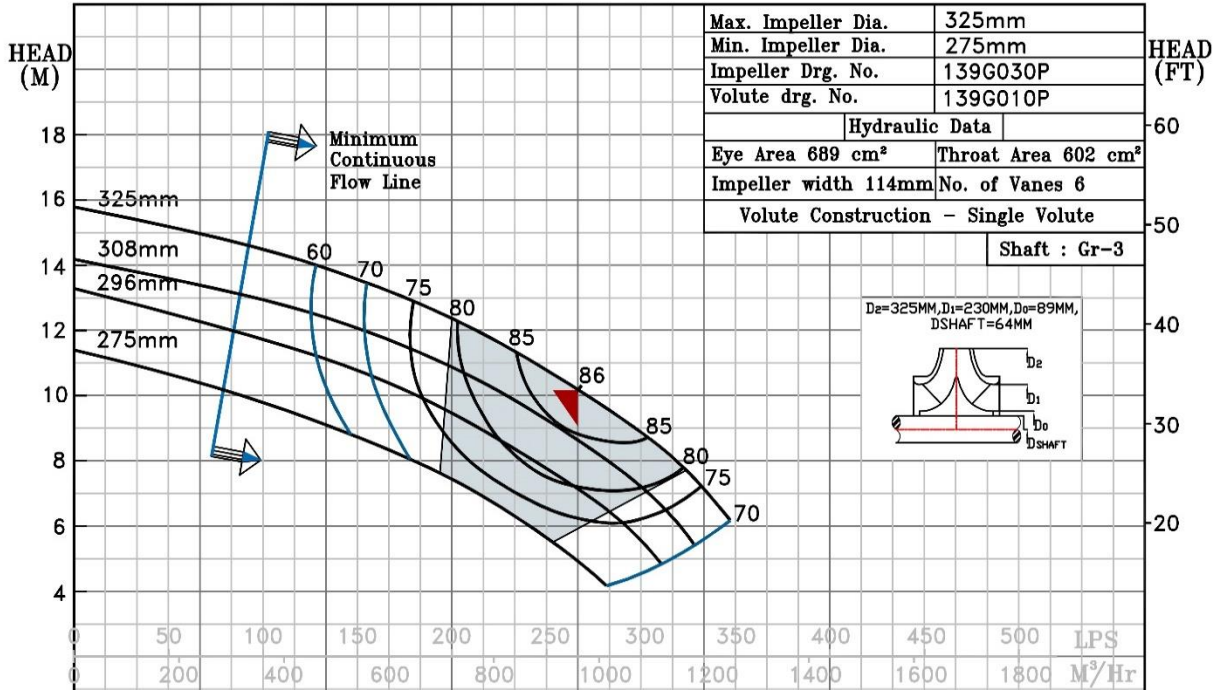
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

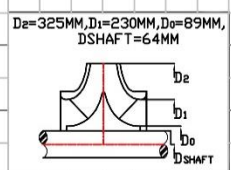
<b>PERFORMANCE CURVE OF 12HS13 @980 R.P.M</b>		12HS13/X/103956	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 12HS13	WORKING PRESS.	16 bar
	SIZE 350x300-325	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 rpm		

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

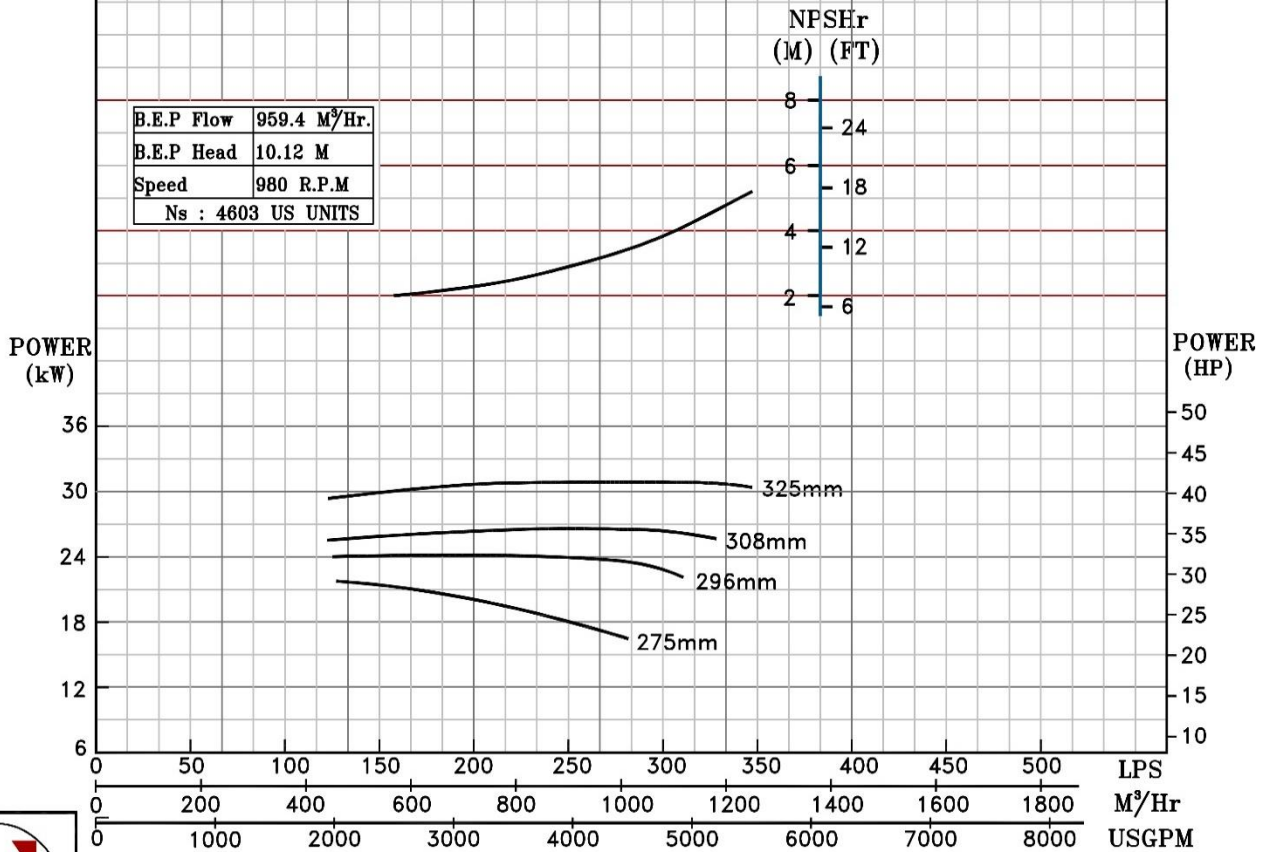
PERFORMANCE CHARACTERISTICS BASED UPON CLEAN COLD WATER – ADD 0.5m TO NPSHR FOR SAFETY



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




B.E.P Flow	959.4 M <sup>3</sup> /Hr.
B.E.P Head	10.12 M
Speed	980 R.P.M
Ns : 4603 US UNITS	

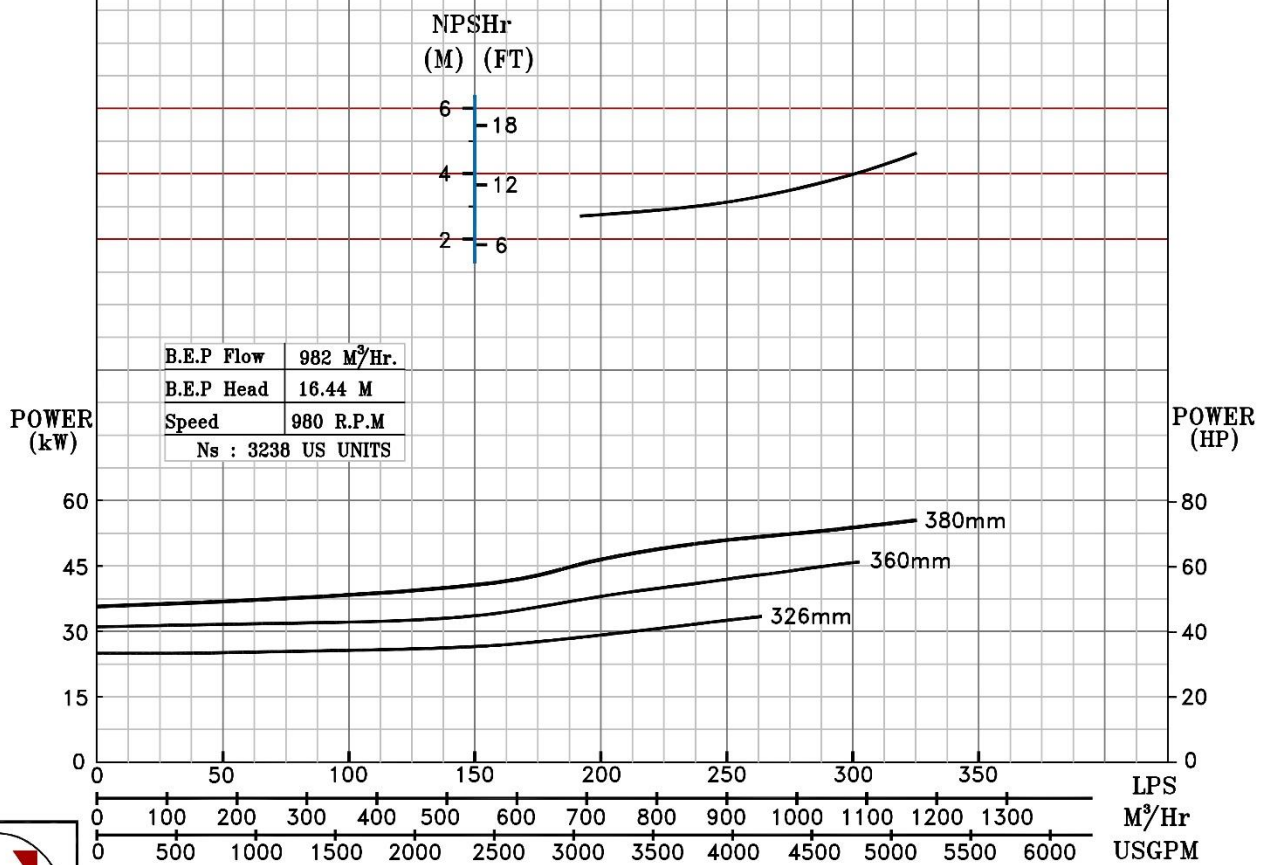
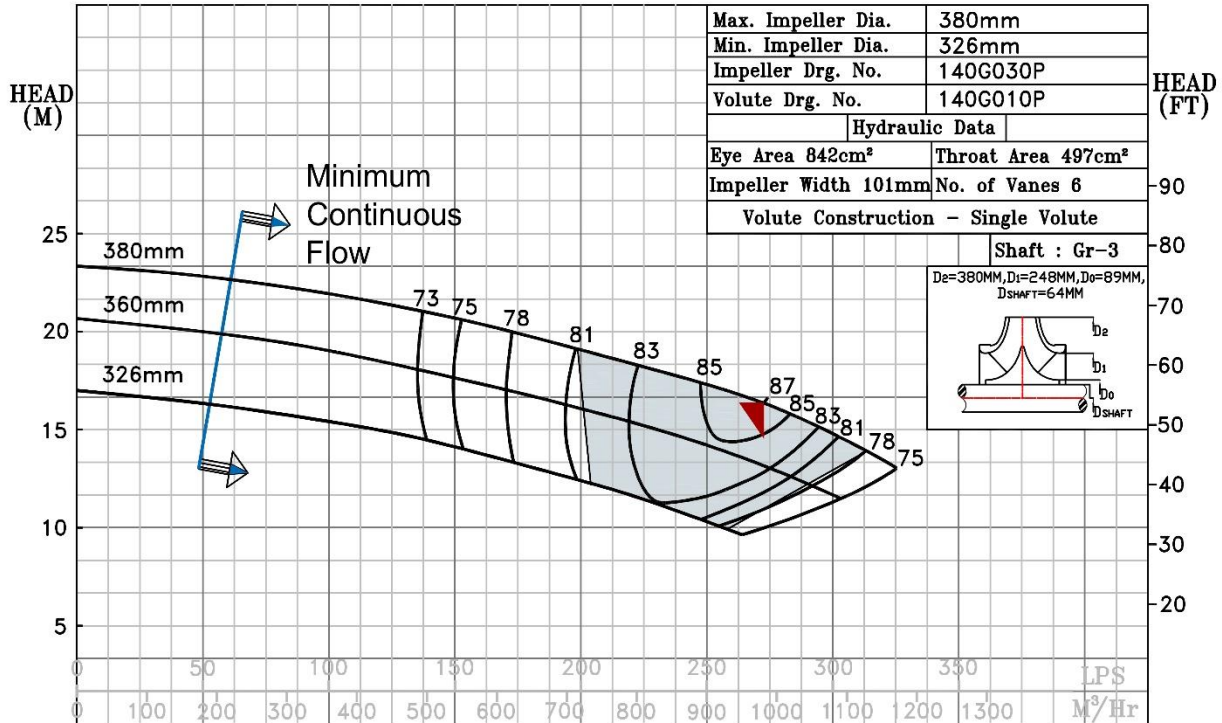


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


<b>PERFORMANCE CURVE OF 12HS15 @980 R.P.M</b>		12HS15/X/104056	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 12HS15	WORKING PRESS. 16 bar	
	SIZE 350x300-380	TEST PRESS. 24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

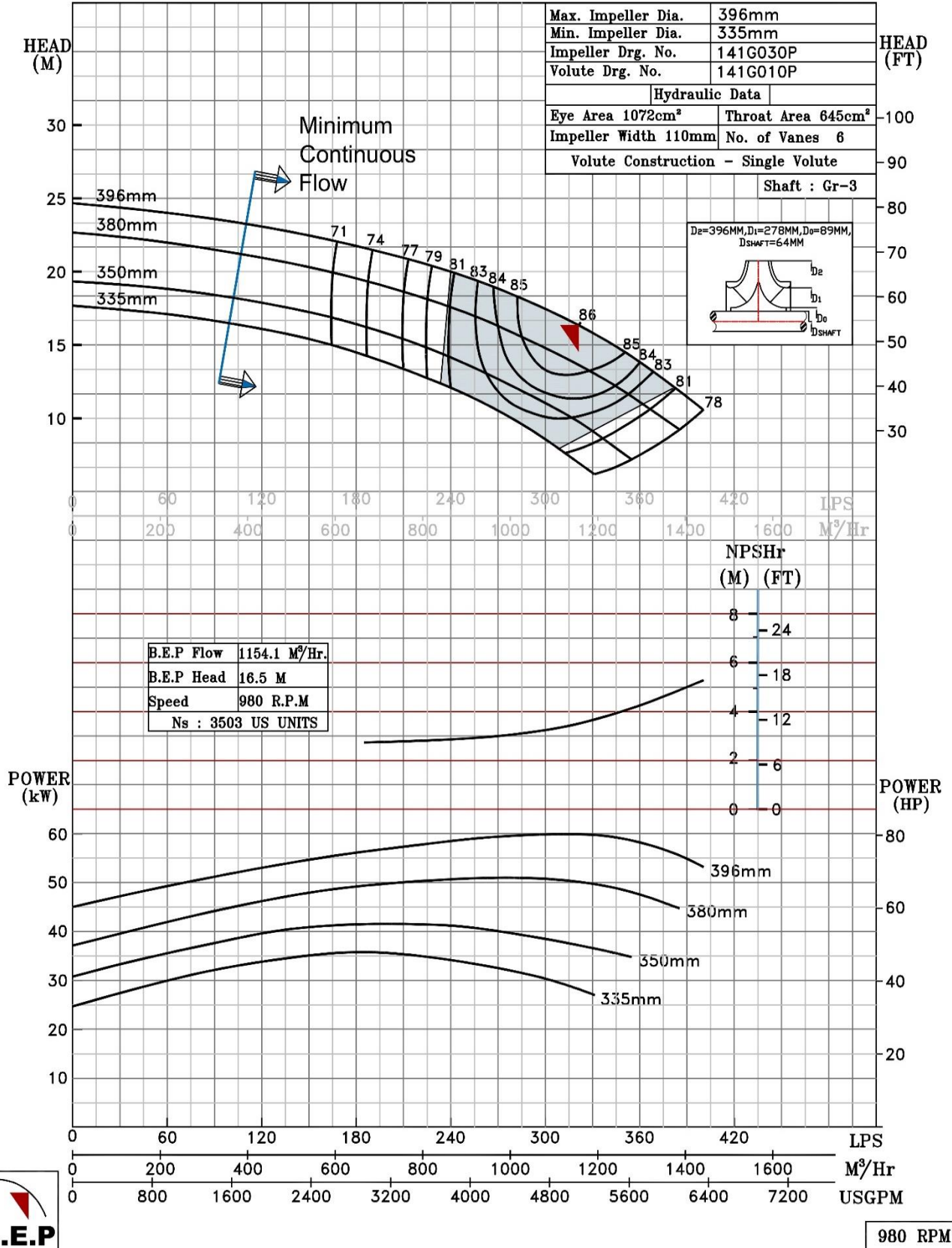


980 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 12HS16 @980 R.P.M		12HS16/X/104156	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 12HS16	WORKING PRESS.	16 bar
	SIZE 400x300-396	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 rpm

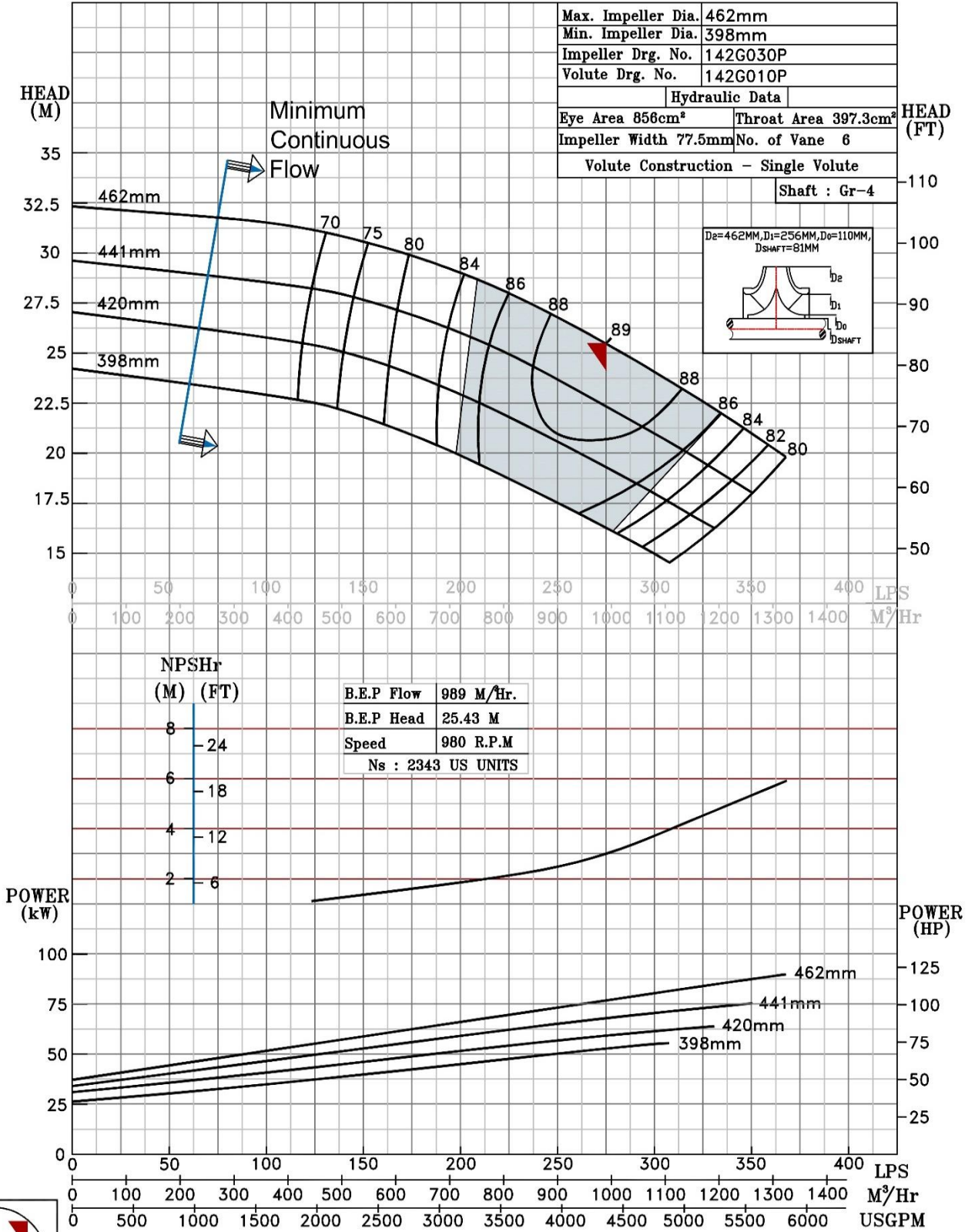
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE  
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 12HS18 @980 R.P.M		12HS18/X/104256	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 12HS18	WORKING PRESS	16 bar
	SIZE 350x300-462	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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



980 RPM



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 12HS22 @980 R.P.M

12HS22/X/104356



PUMPSENSE

HS RANGE

MODEL 12HS22

WORKING PRESS. 16 bar

SIZE 350x300-555.5

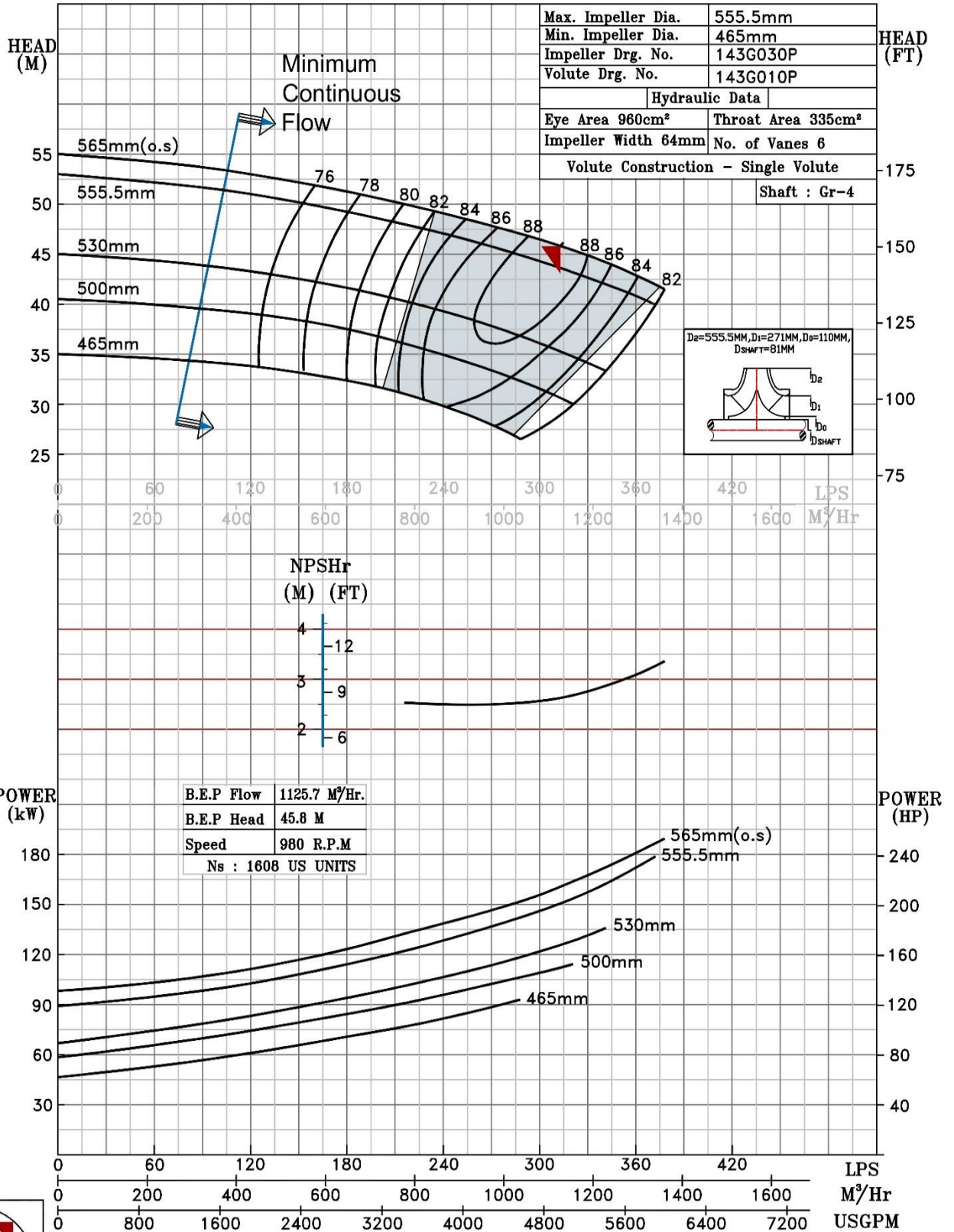
TEST PRESS. 24 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

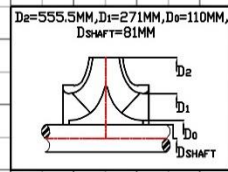
SPEED 980 rpm

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.	555.5mm
Min. Impeller Dia.	465mm
Impeller Drg. No.	143G030P
Volute Drg. No.	143G010P
Hydraulic Data	
Eye Area 960cm²	Throat Area 335cm²
Impeller Width 64mm	No. of Vanes 6
Volute Construction - Single Volute	
Shaft : Gr-4	




B.E.P Flow	1125.7 M³/Hr.
B.E.P Head	45.8 M
Speed	980 R.P.M
Ns : 1608 US UNITS	



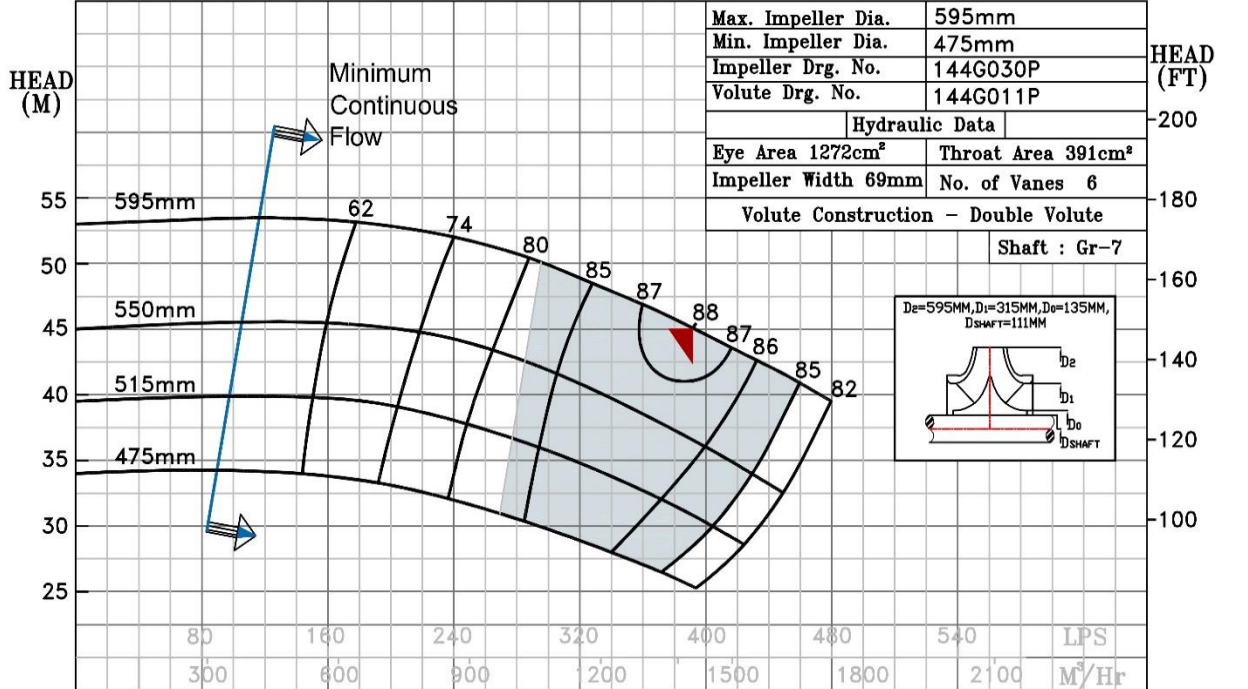
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

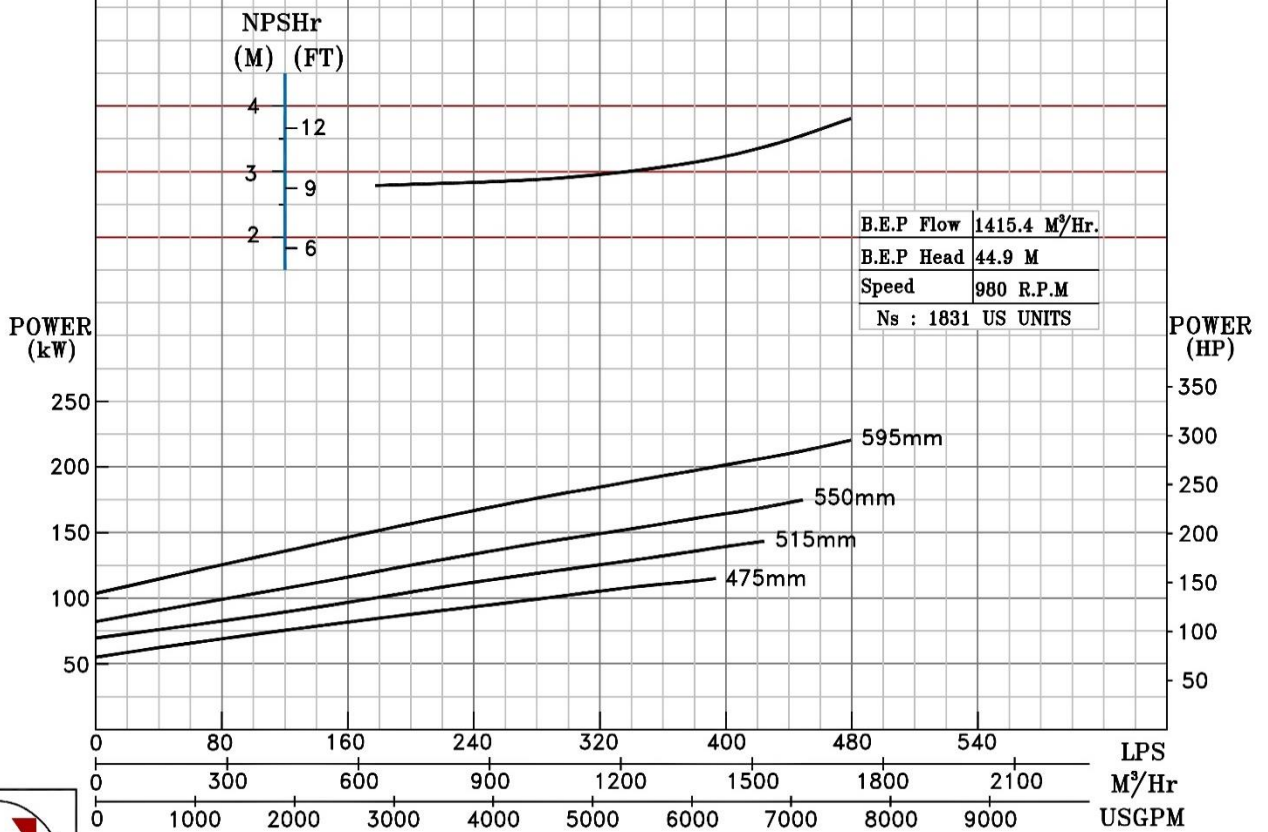
<b>PERFORMANCE CURVE OF 12HS23 @980 R.P.M</b>		12HS23/X/104456	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 12HS23	WORKING PRESS.	16 bar
	SIZE 350x300-595	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 rpm

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.	595mm
Min. Impeller Dia.	475mm
Impeller Drg. No.	144G030P
Volute Drg. No.	144G011P
Hydraulic Data	
Eye Area 1272cm <sup>2</sup>	Throat Area 391cm <sup>2</sup>
Impeller Width 69mm	No. of Vanes 6
Volute Construction - Double Volute	
Shaft : Gr-7	




B.E.P Flow	1415.4 M <sup>3</sup> /Hr.
B.E.P Head	44.9 M
Speed	980 R.P.M
Ns : 1831	US UNITS

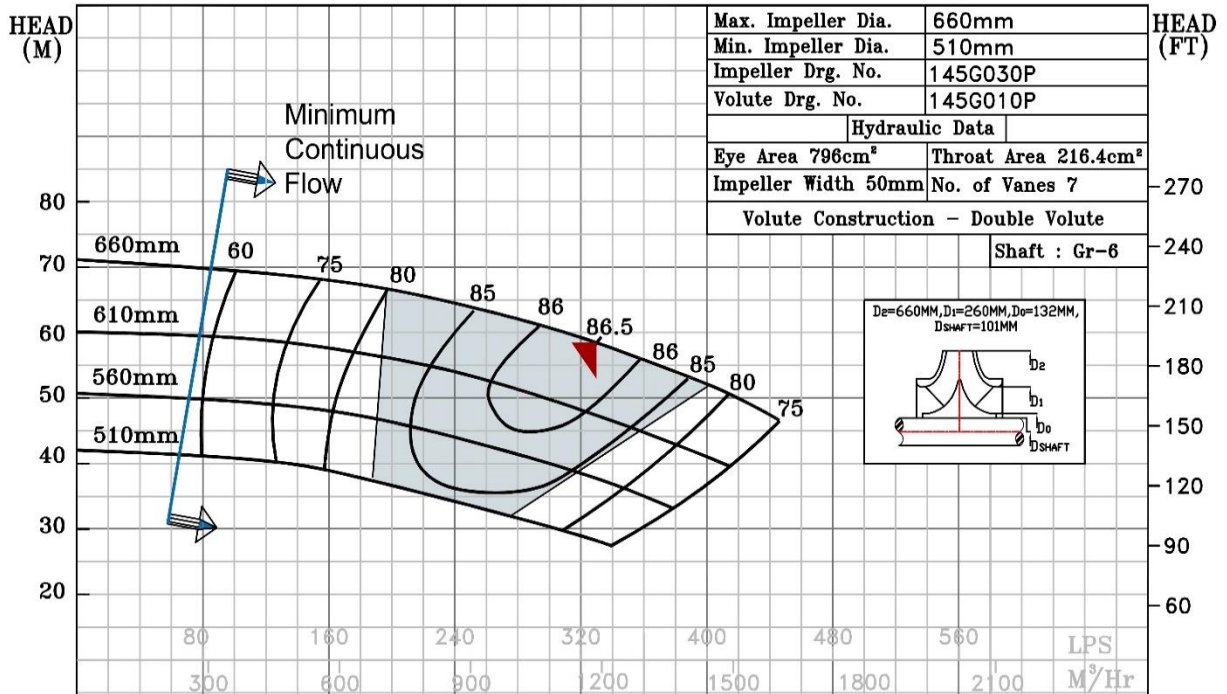


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

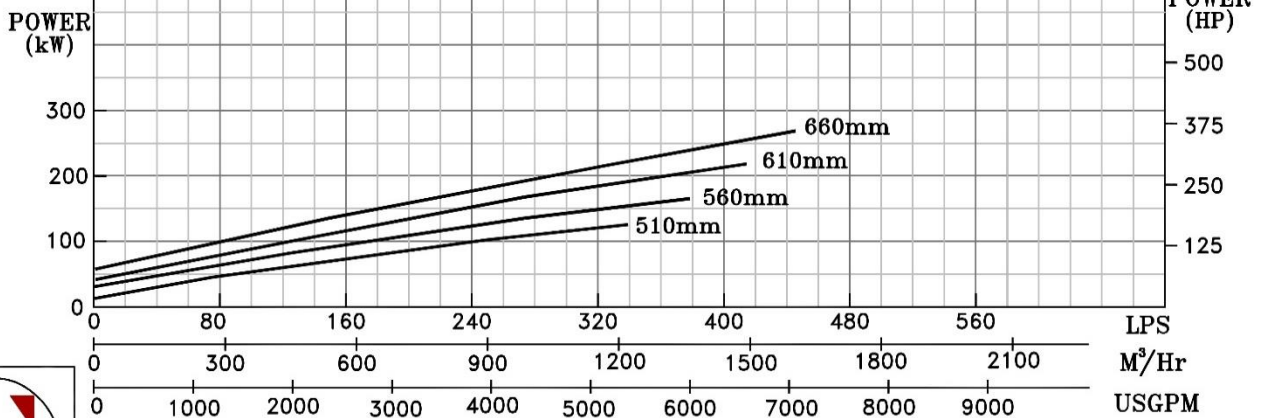
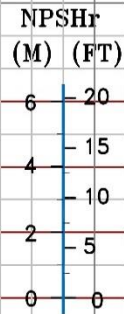
PERFORMANCE CURVE OF 12HS26 @ 980 R.P.M		12HS26/X/104556	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 12HS26	WORKING PRESS.	20 bar
	SIZE 350x300-660	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 rpm

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.	660mm
Min. Impeller Dia.	510mm
Impeller Drg. No.	145G030P
Volute Drg. No.	145G010P
Hydraulic Data	
Eye Area 796cm <sup>2</sup>	Throat Area 216.4cm <sup>2</sup>
Impeller Width 50mm	No. of Vanes 7
Volute Construction - Double Volute	
Shaft : Gr-6	

B.E.P Flow	1188 M <sup>3</sup> /Hr.
B.E.P Head	58.5 M
Speed	980 R.P.M
Ns : 1380 US UNITS	

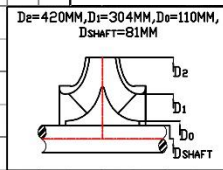
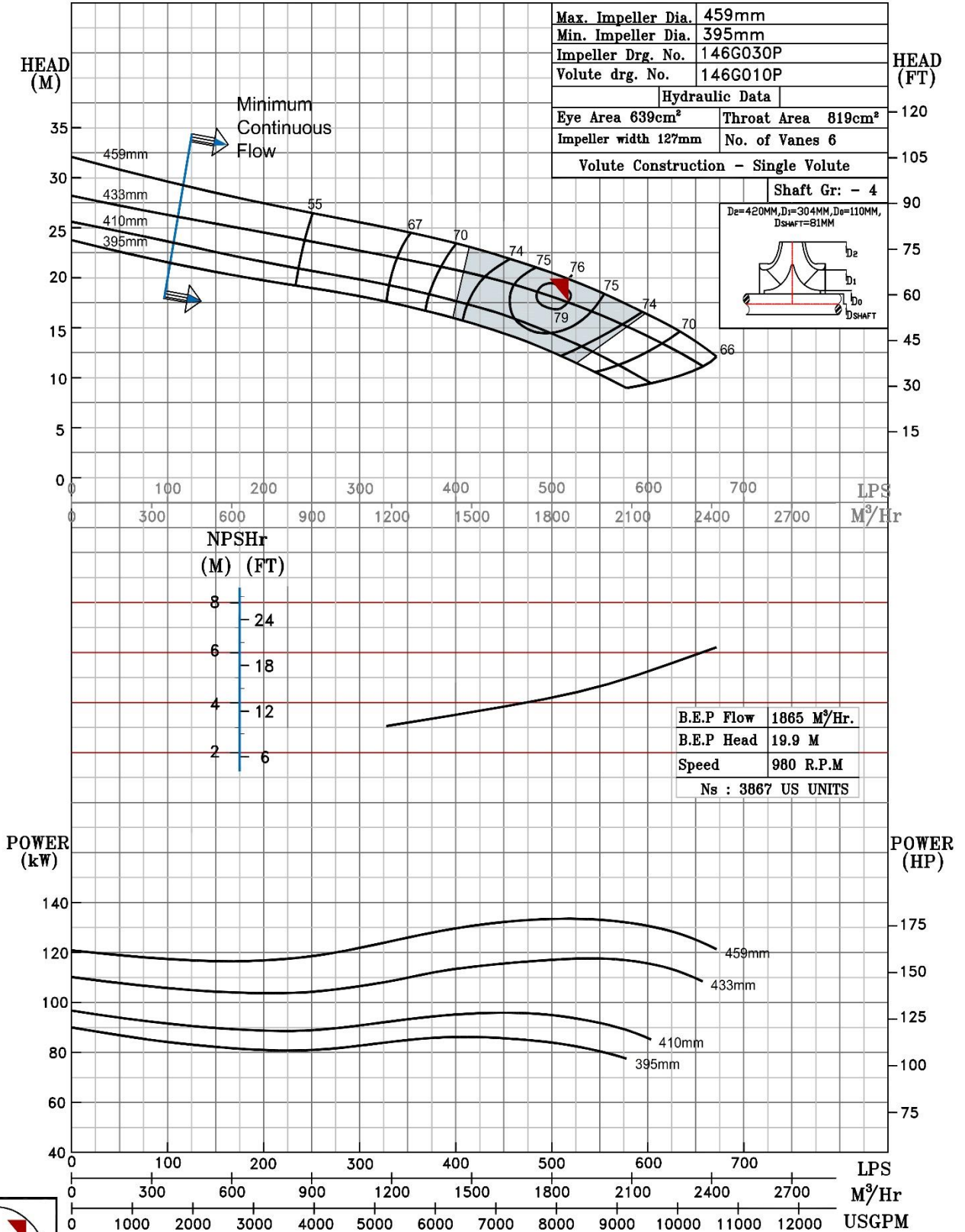


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 14HS16 @980 R.P.M		14HS16/Y/114656		
 <p><b>PUMPSENSE</b> <i>HS RANGE</i></p>	<b>MODEL</b> 14HS16	WORKING PRESS. 16 bar		
	SIZE 400X350-459	TEST PRESS. 24 bar		
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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



980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 14HS19 @980 R.P.M

14HS19/X/104756



PUMPSENSE

HS RANGE

MODEL 14HS19

WORKING PRESS. 20 bar

SIZE 450x350-475

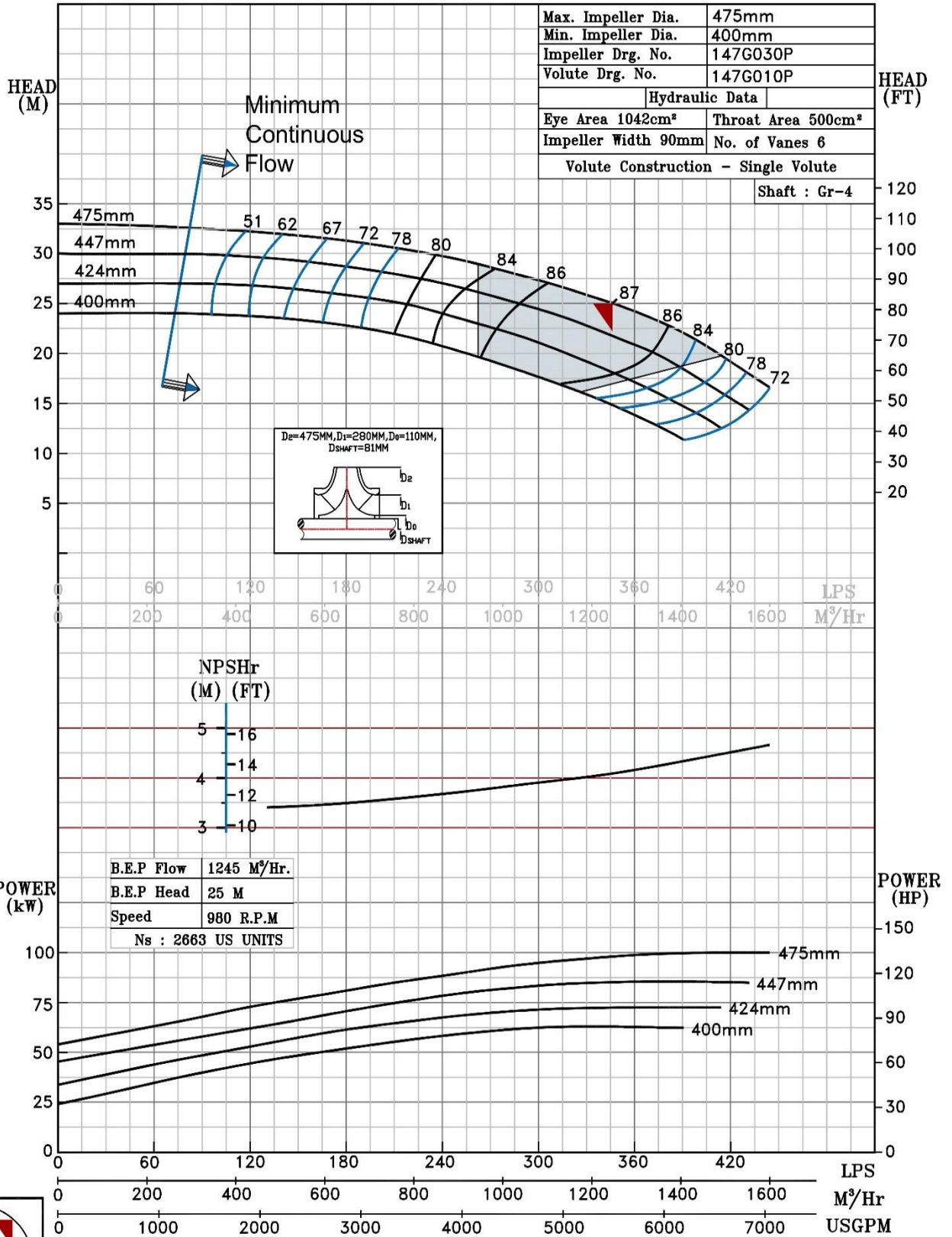
TEST PRESS. 30 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 980 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

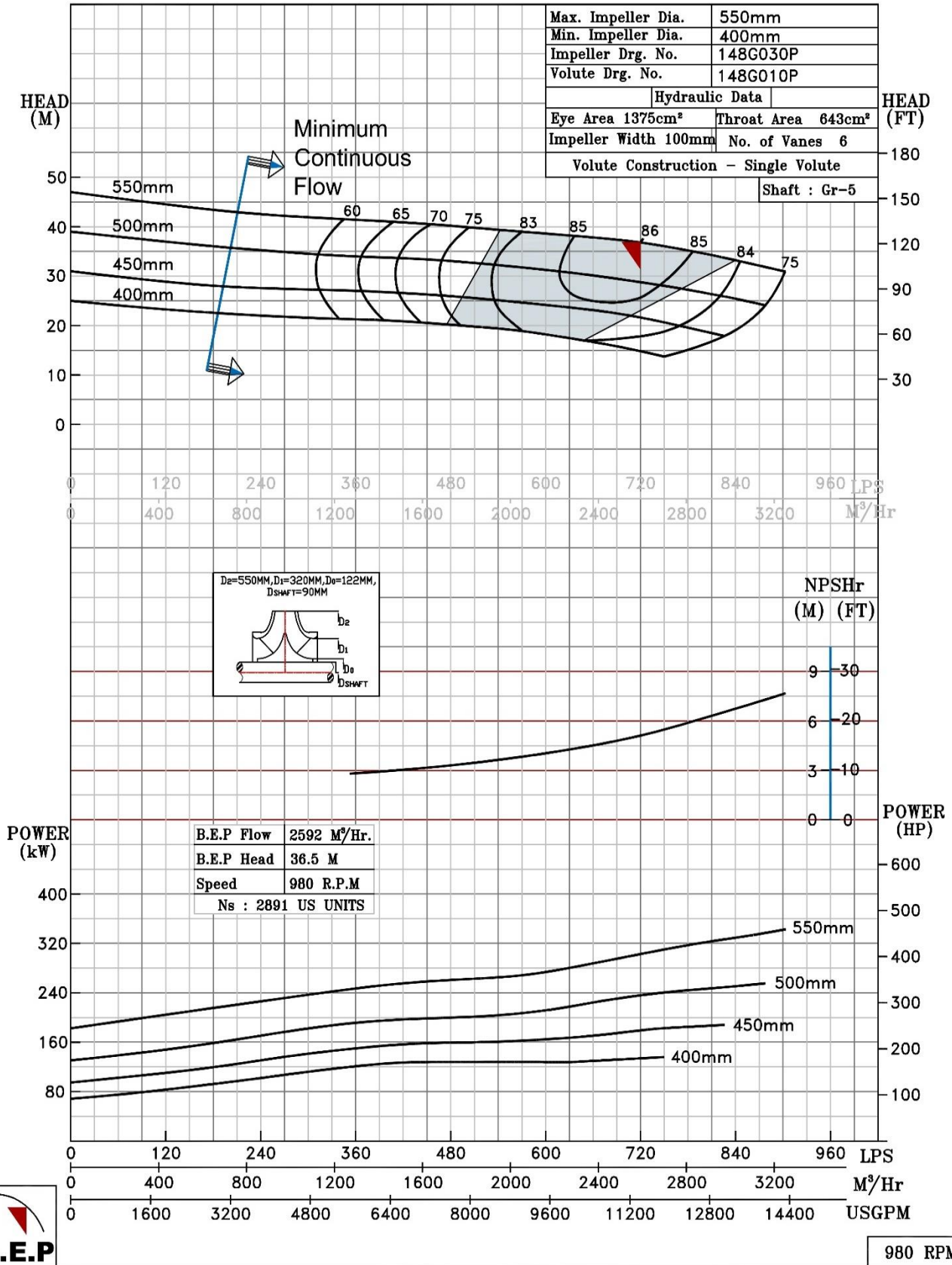


980 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

<b>PERFORMANCE CURVE OF 14HS21 @980 R.P.M</b>		14HS21/X/104856	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 14HS21	WORKING PRESS.	20 bar
	SIZE 400x350-550	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 rpm		

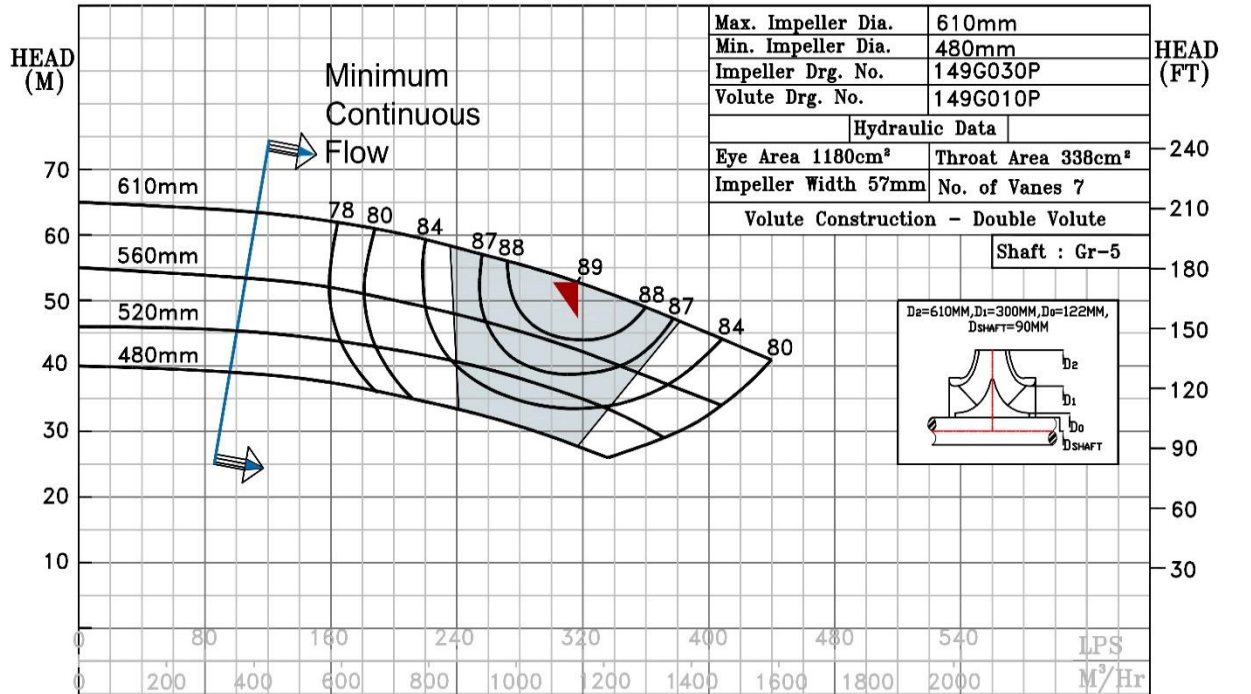
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE  
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

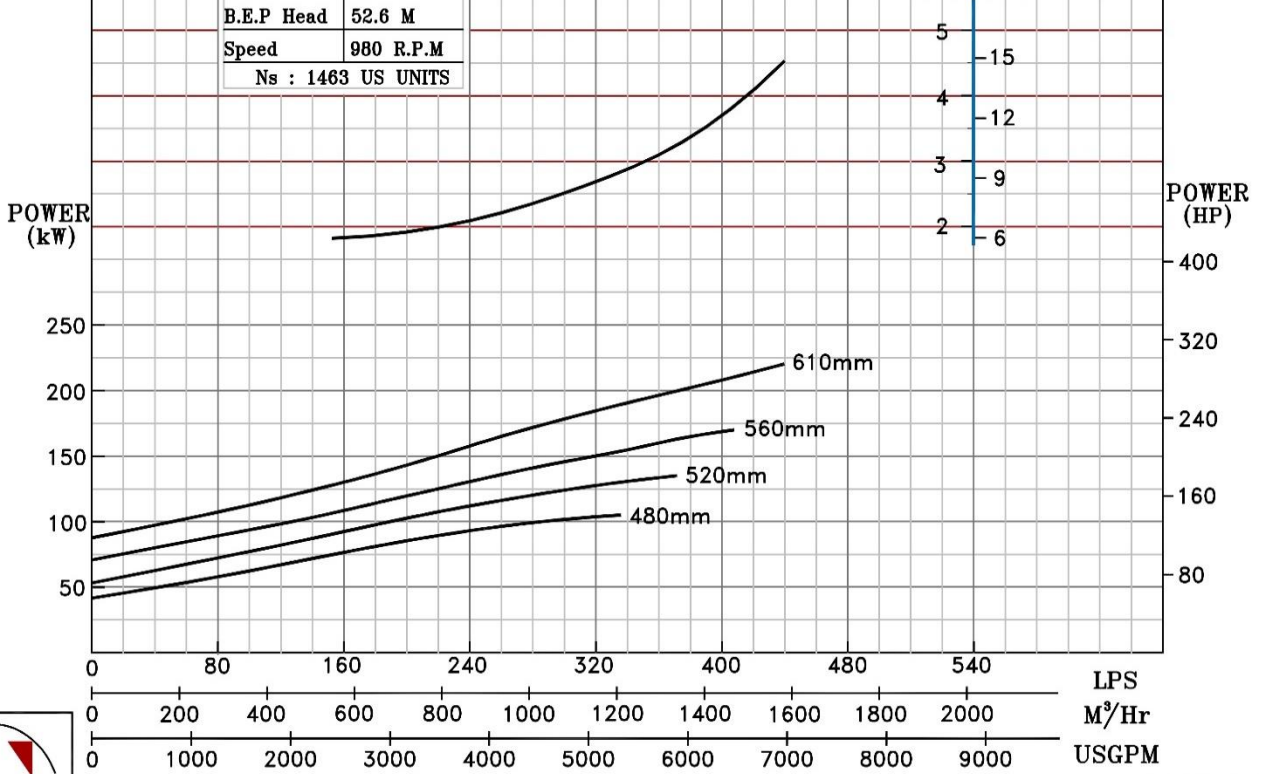
PERFORMANCE CURVE OF 14HS24 @980 R.P.M		14HS24/X/104956		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 14HS24	WORKING PRESS.	20 bar	
	SIZE 400x350-610	TEST PRESS.	30 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 rpm	

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	1146 M <sup>3</sup> /Hr.
B.E.P Head	52.6 M
Speed	980 R.P.M
Ns : 1463 US UNITS	

NPSHr  
 (M) (FT)

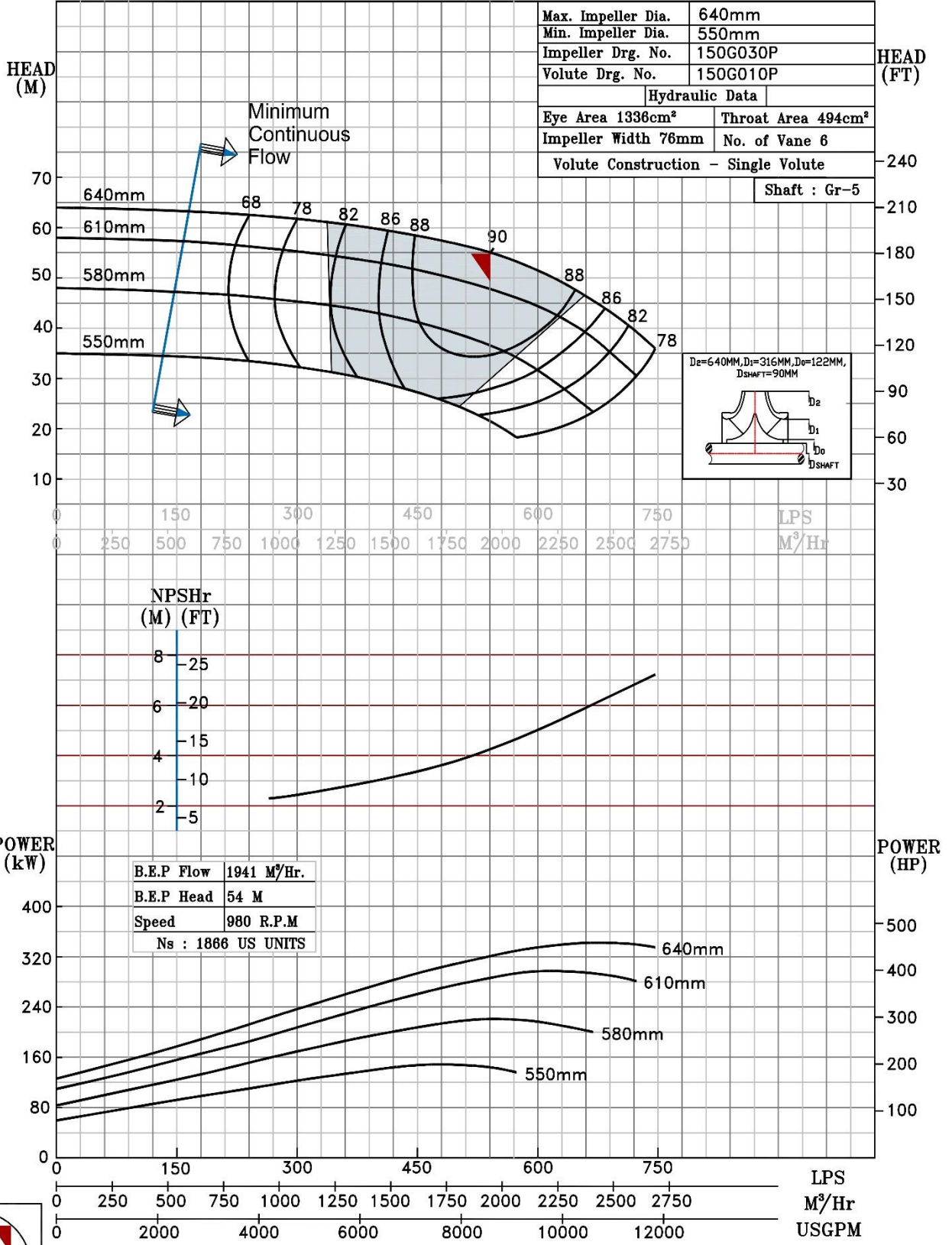


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 14HS25 @980 R.P.M		14HS25/X/105056		
 <b>PUMPSense</b> <i>HS RANGE</i>	<b>MODEL</b> 14HS25	WORKING PRESS.	20 bar	
	SIZE 400x350-640	TEST PRESS.	30 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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



980 RPM



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 14HS26 @980 R.P.M

14HS26/X/105156



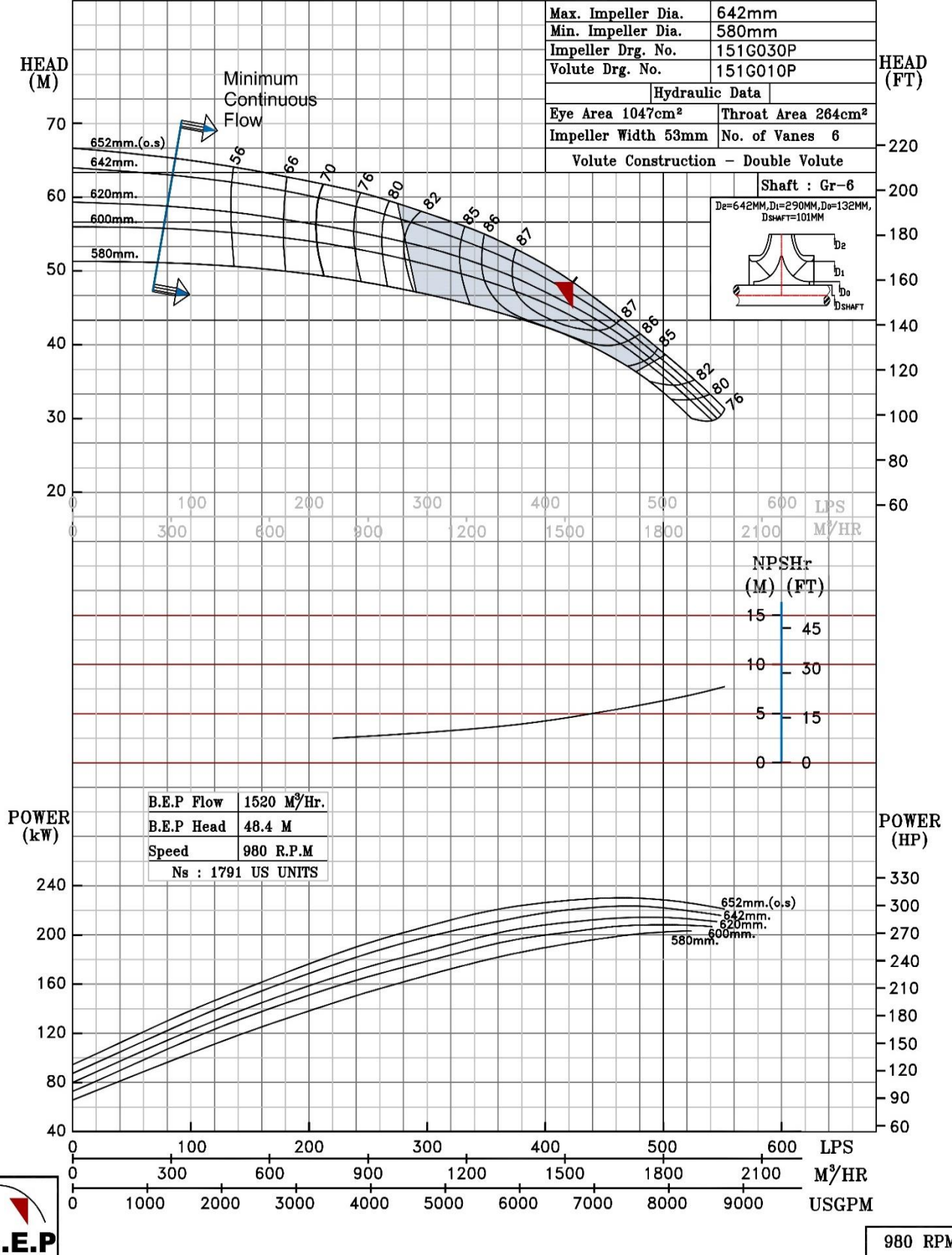
PUMPSENSE

HS RANGE

MODEL	14HS26	WORKING PRESS.	14 bar
SIZE	400x350-642	TEST PRESS.	21 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

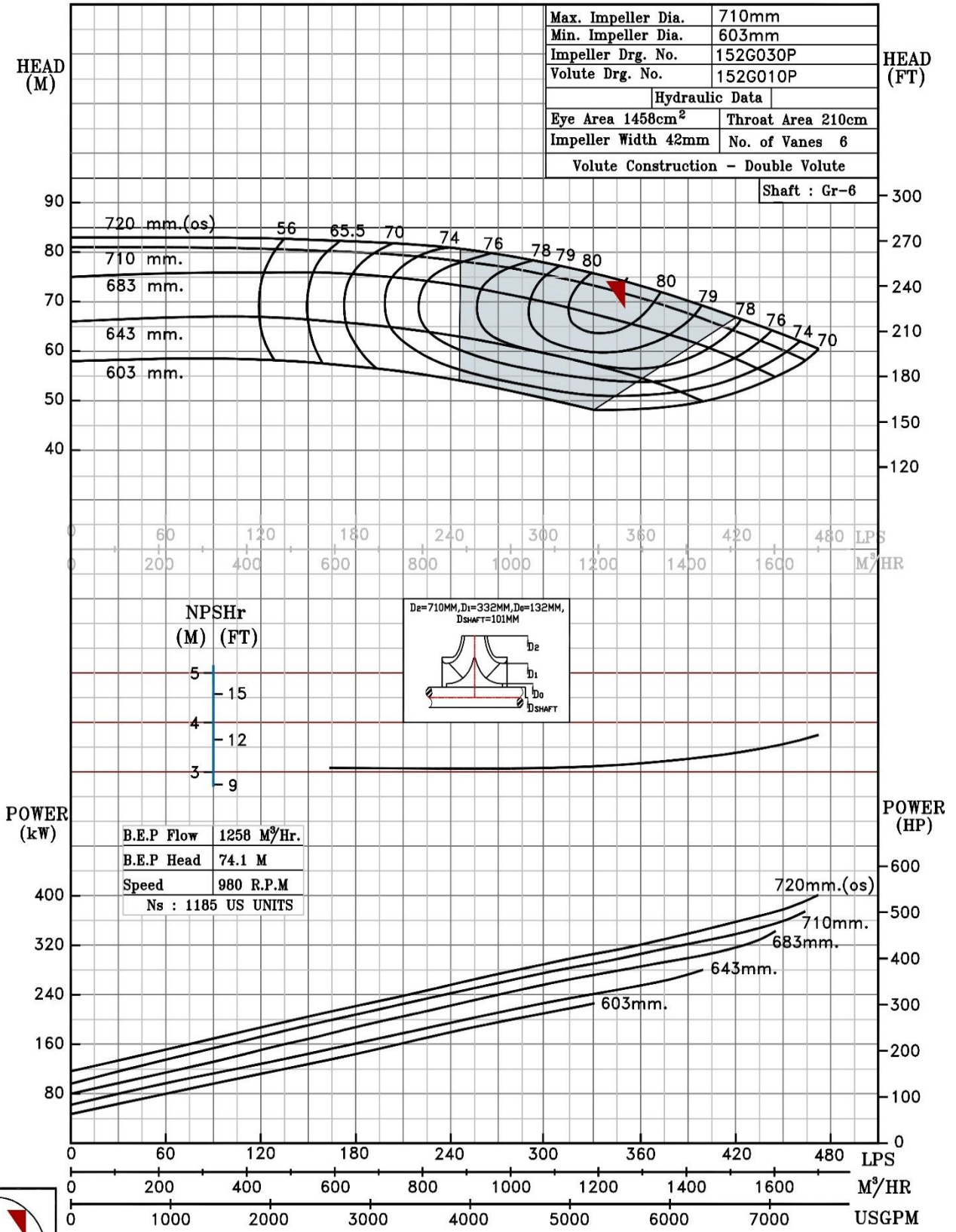


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 14HS28 @980 R.P.M		14HS28/X/105256		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 14HS28</b>	WORKING PRESS.	16 bar	
	SIZE 450x350-710	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

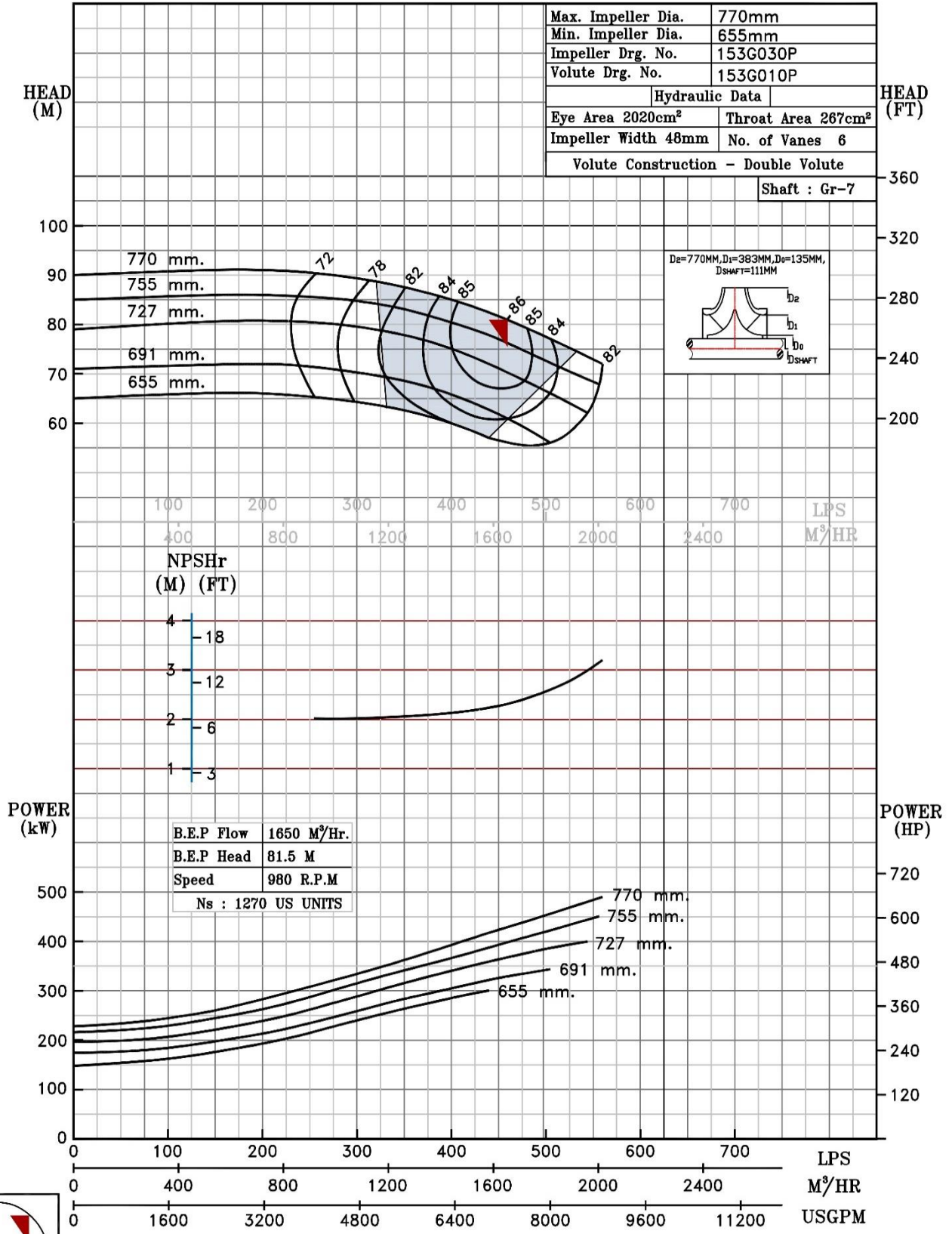


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


<b>PERFORMANCE CURVE OF 14HS30 @980 R.P.M</b>		14HS30/X/105356	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 14HS30	WORKING PRESS.	20 bar
	SIZE 450x350-770	TEST PRESS.	30 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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



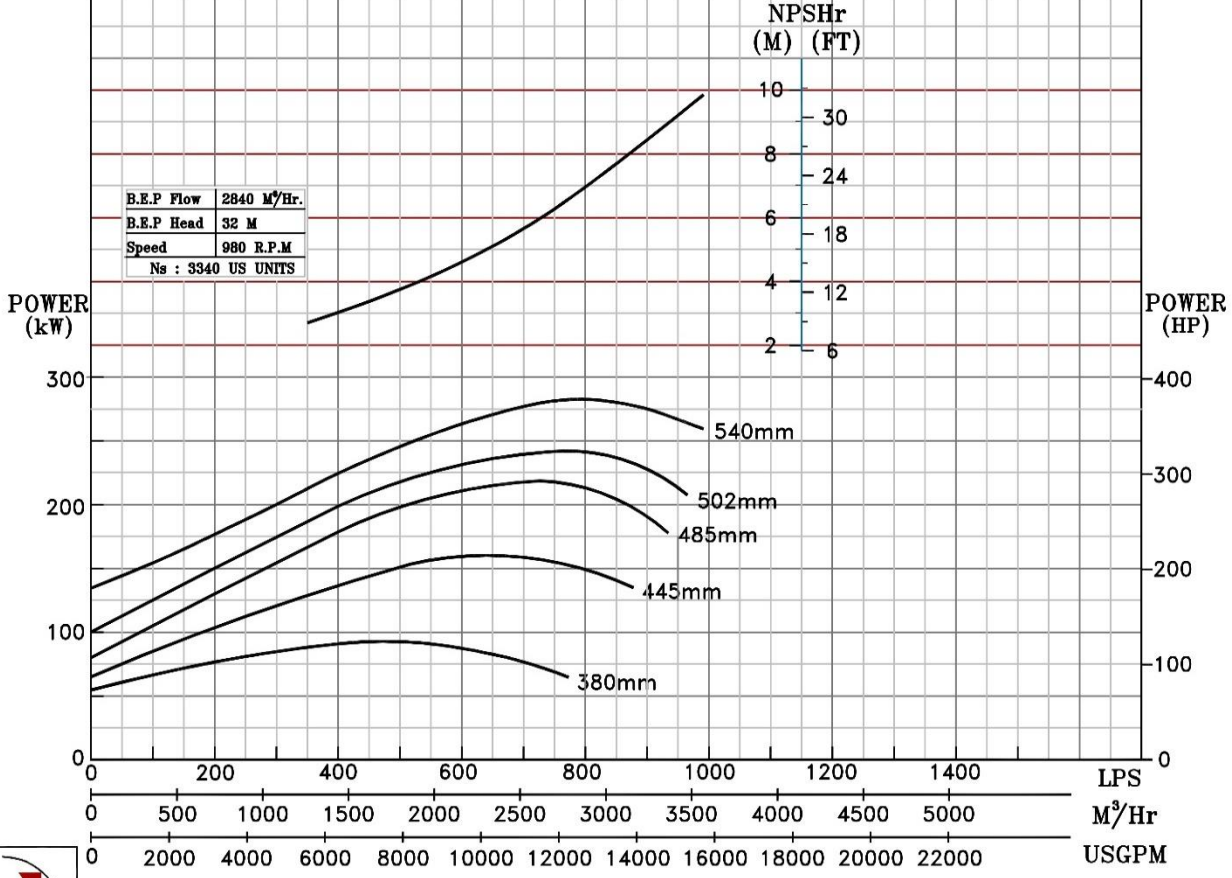
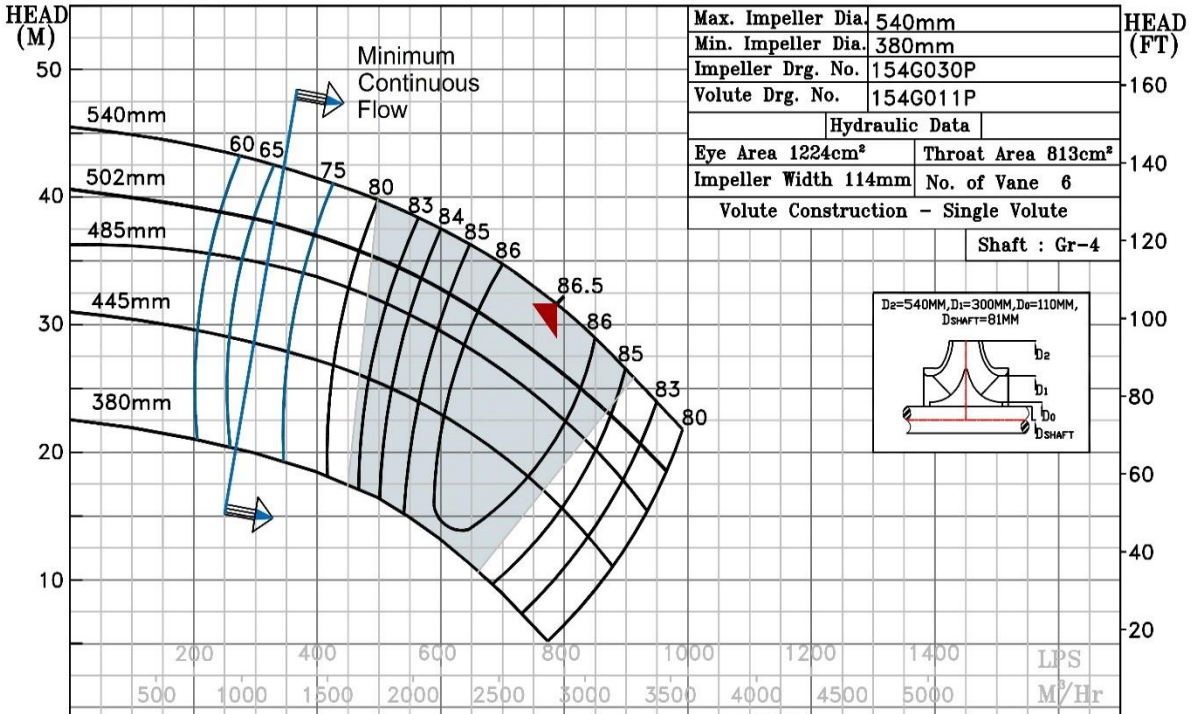
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

<b>PERFORMANCE CURVE OF 16HS21 @980 R.P.M</b>		16HS21/X/105456
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 16HS21	WORKING PRESS 16 bar
	SIZE 500x400-540	TEST PRESS. 24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
	SPEED 980 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

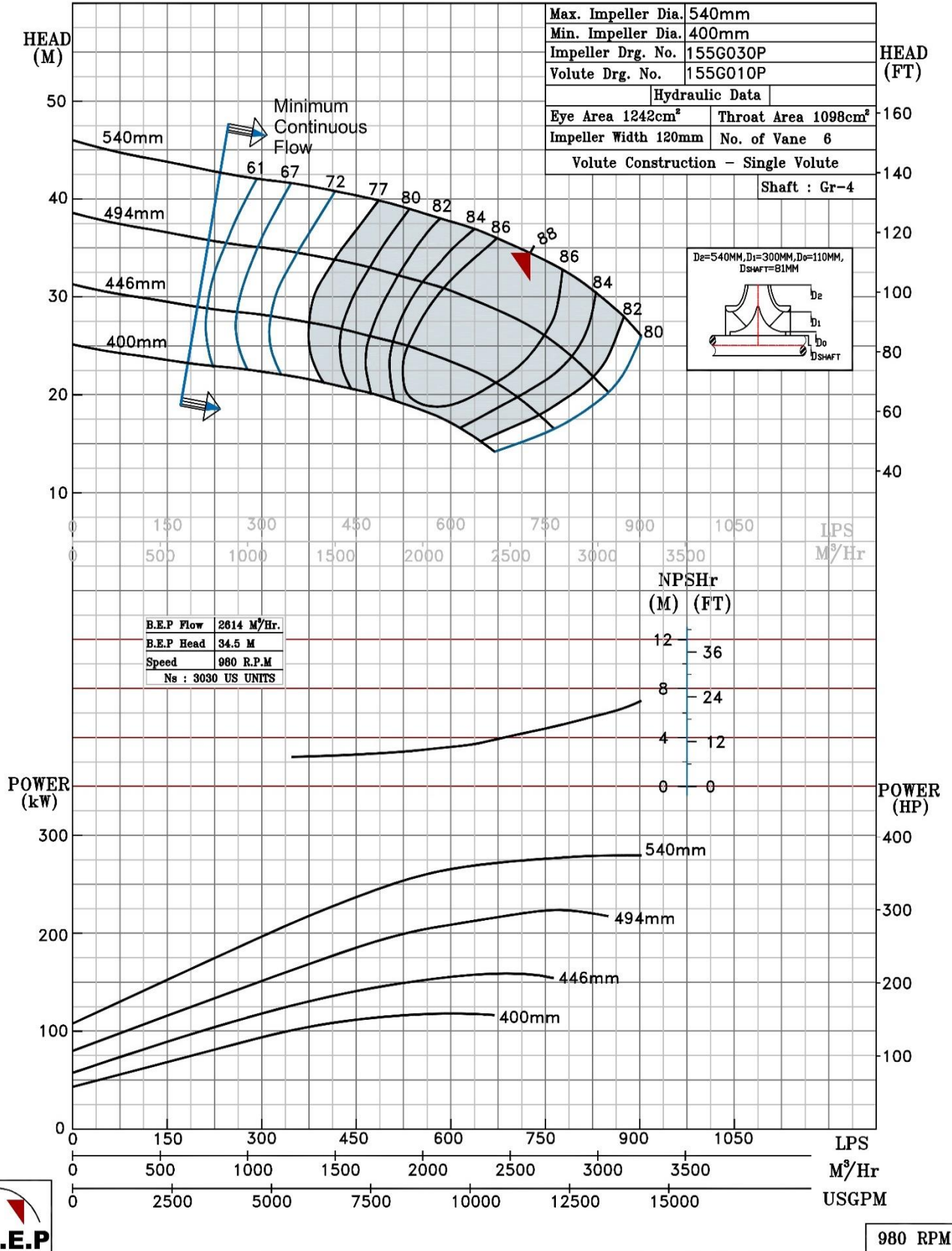


980 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

 <h1 style="text-align: center;">PUMPSENSE</h1> <p style="text-align: center;"><i>HS RANGE</i></p>	<b>PERFORMANCE CURVE OF 16HS21H @980 R.P.M</b>	16HS21H/X/105556
	<b>MODEL 16HS21H</b>	WORKING PRESS. 16 bar
	SIZE 500x400-540	TEST PRESS. 24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
		SPEED 980 rpm

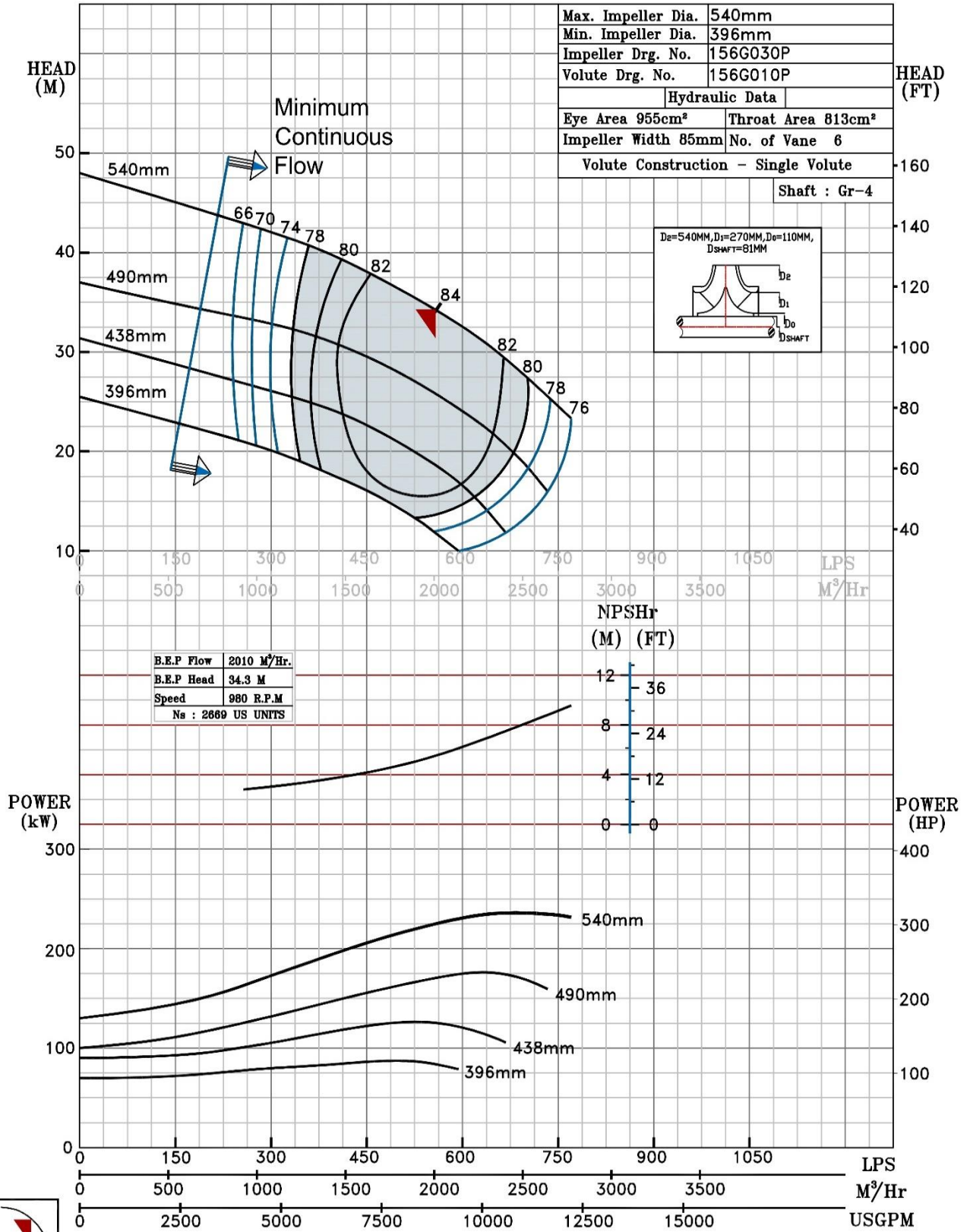
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE  
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B


PERFORMANCE CURVE OF 16HS21L @980 R.P.M		16HS21L/X/105656		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 16HS21L	WORKING PRESS.	16 bar	
	SIZE 500x400-540	TEST PRESS.	24 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

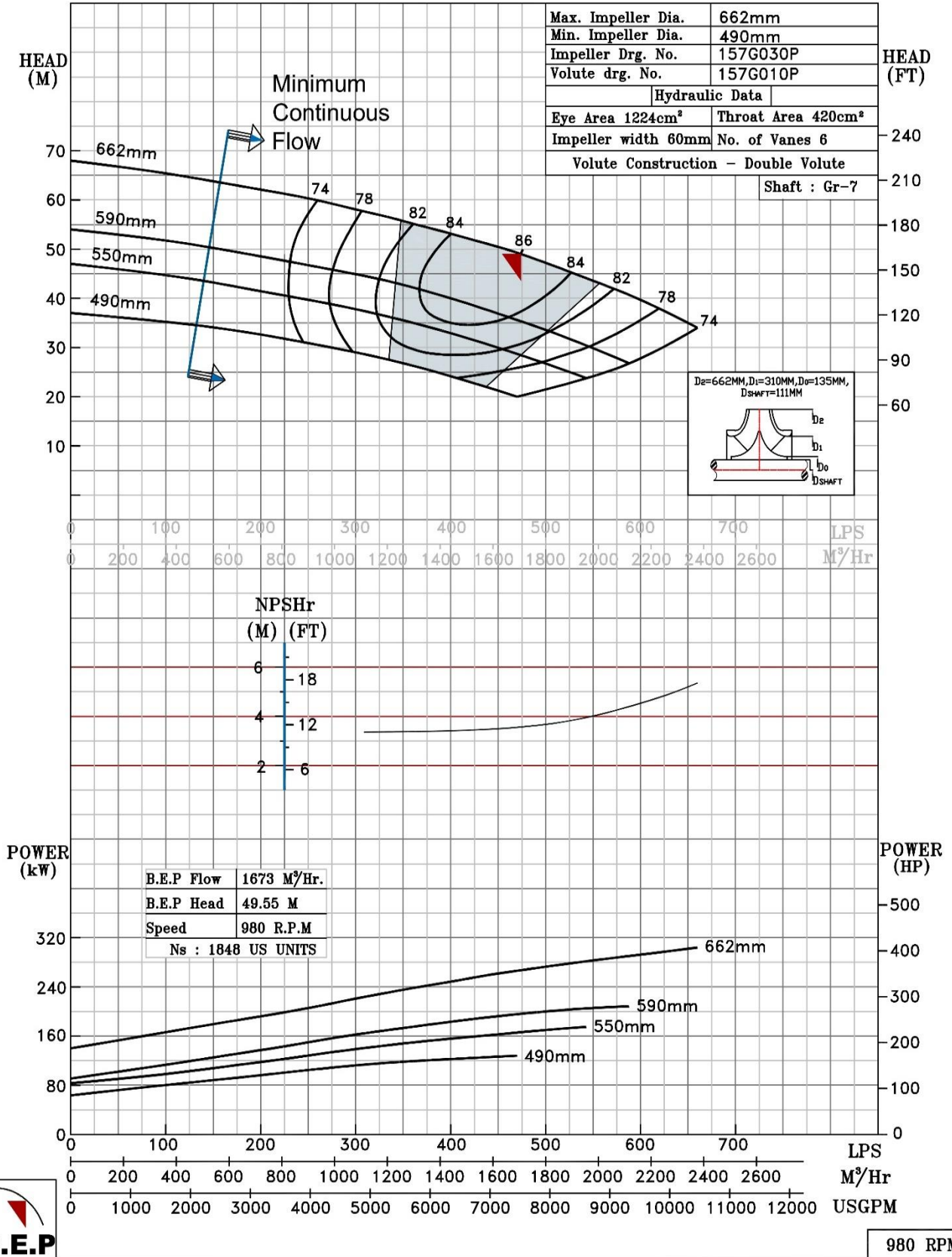


980 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 16HS26 @980 R.P.M		16HS26/Y/105756	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 16HS26	WORKING PRESS	16 bar
	SIZE 500x400-662	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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

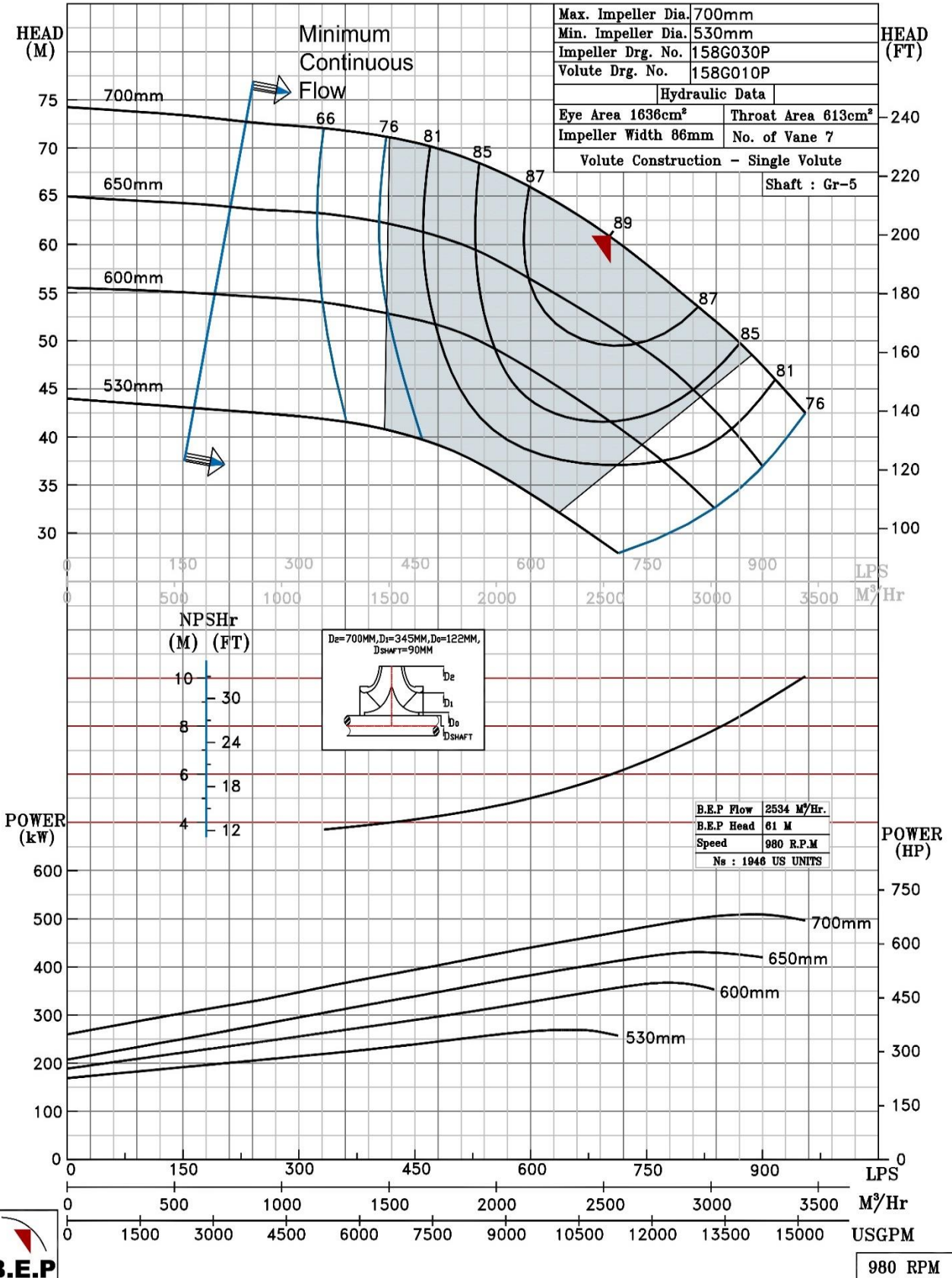


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

<b>PERFORMANCE CURVE OF 16HS28 @980 R.P.M</b>		16HS28/X/105856	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL 16HS28</b>	WORKING PRESS.	16 bar
	SIZE 450x400-700	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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 16HS32 @980 R.P.M

16HS32/X/105956



PUMPSENSE

HS RANGE

MODEL 16HS32

WORKING PRESS. 16 bar

SIZE 500x400-813

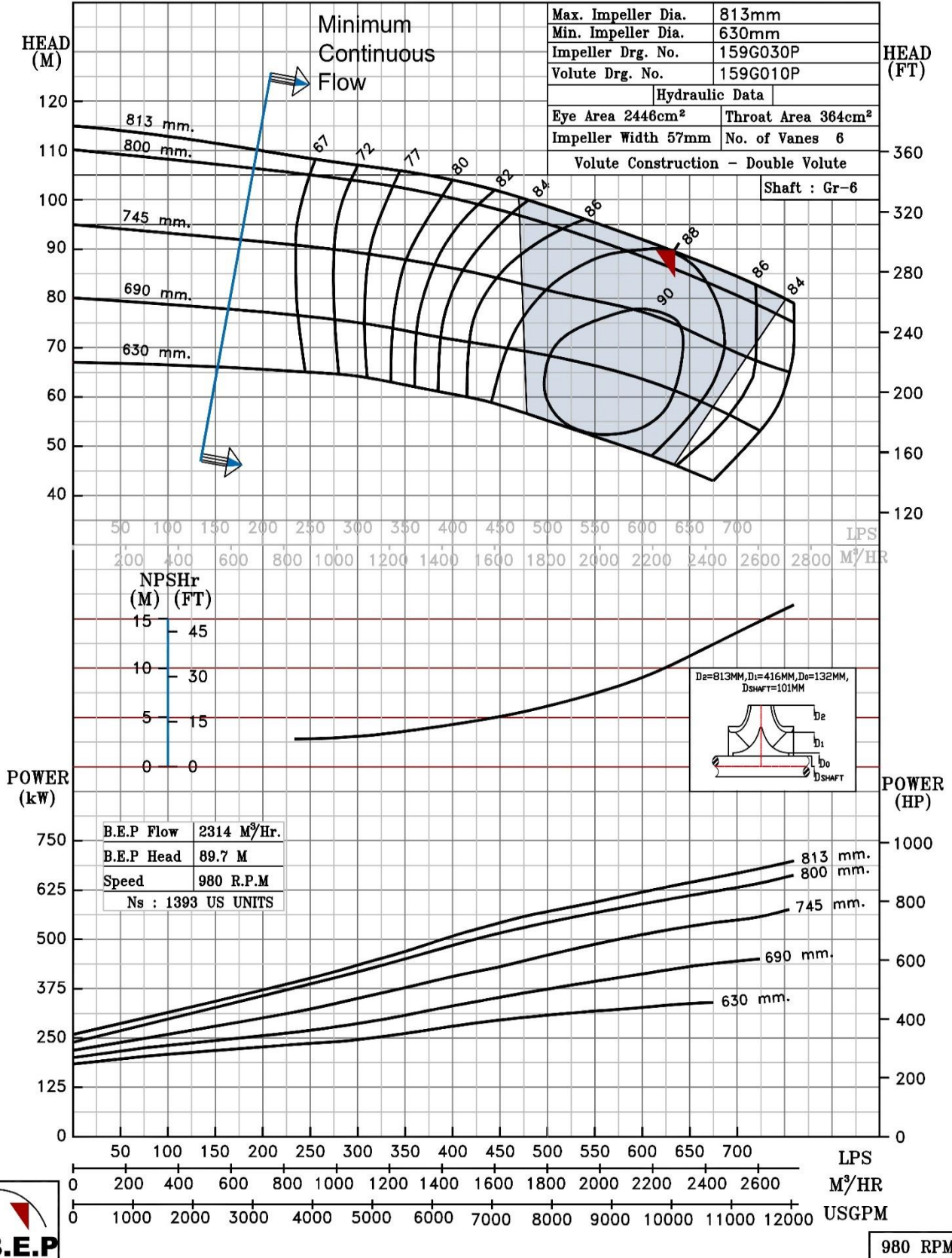
TEST PRESS. 24 bar

TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 980 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

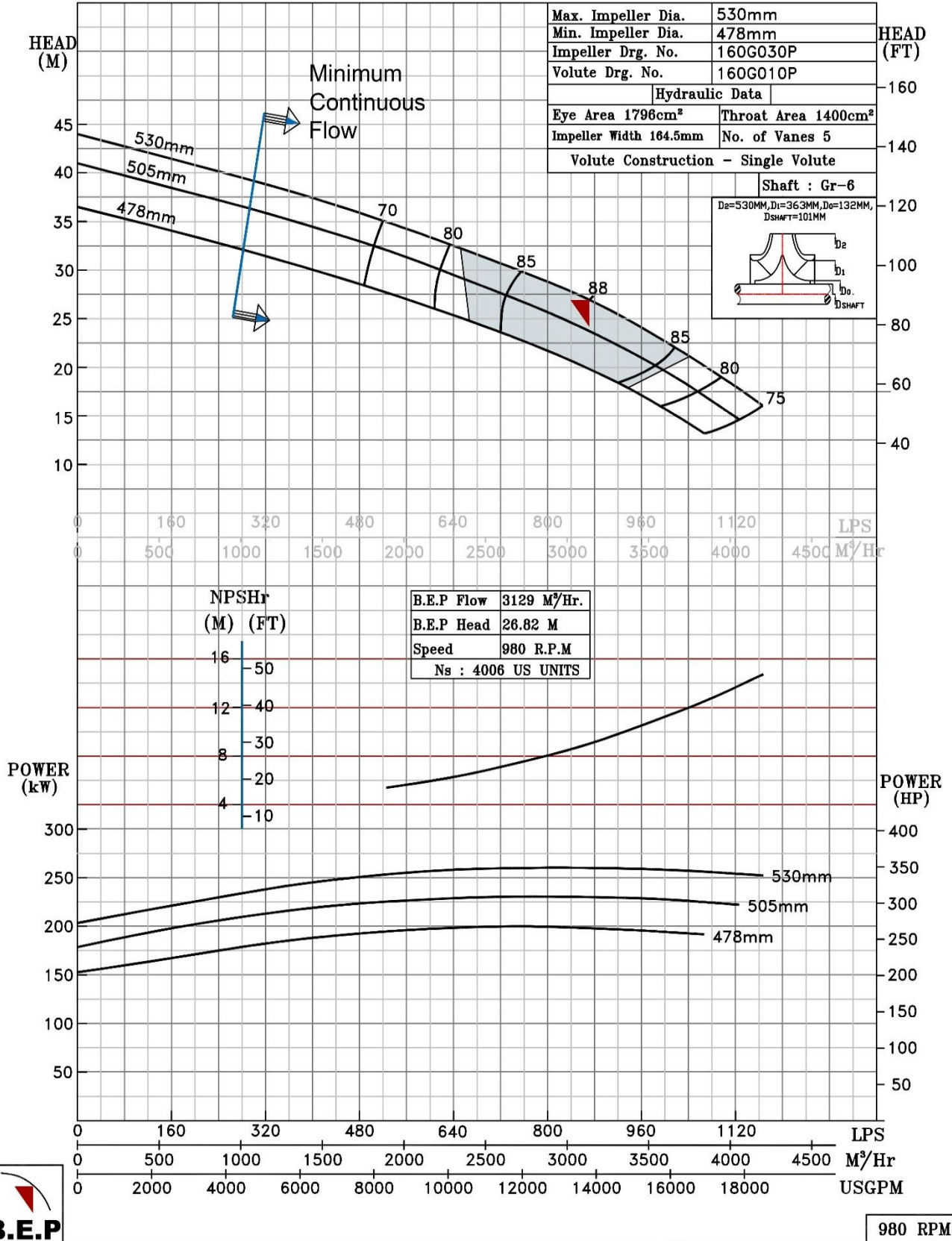


980 RPM


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 18HS21 @980 R.P.M		18HS21/X/106056	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 18HS21	WORKING PRESS	10 bar
	SIZE 500x450-530	TEST PRESS.	15 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 rpm

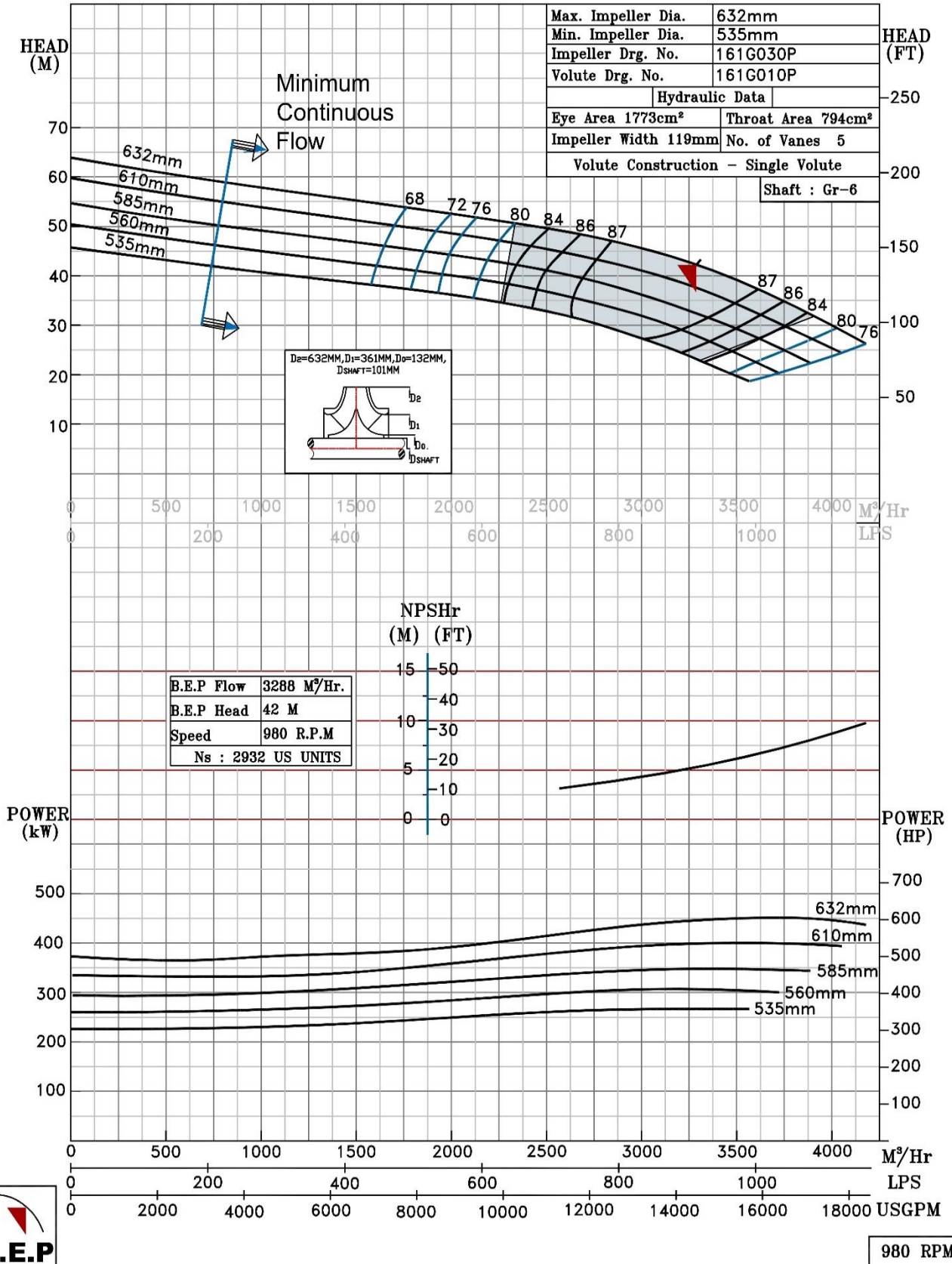
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE  
 PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0




NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 18HS25 @980 R.P.M		18HS25/X/106156	
	MODEL 18HS25		WORKING PRESS. 10 bar
	SIZE 500x450-632	TEST PRESS. 15 bar	
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
	SPEED 980 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

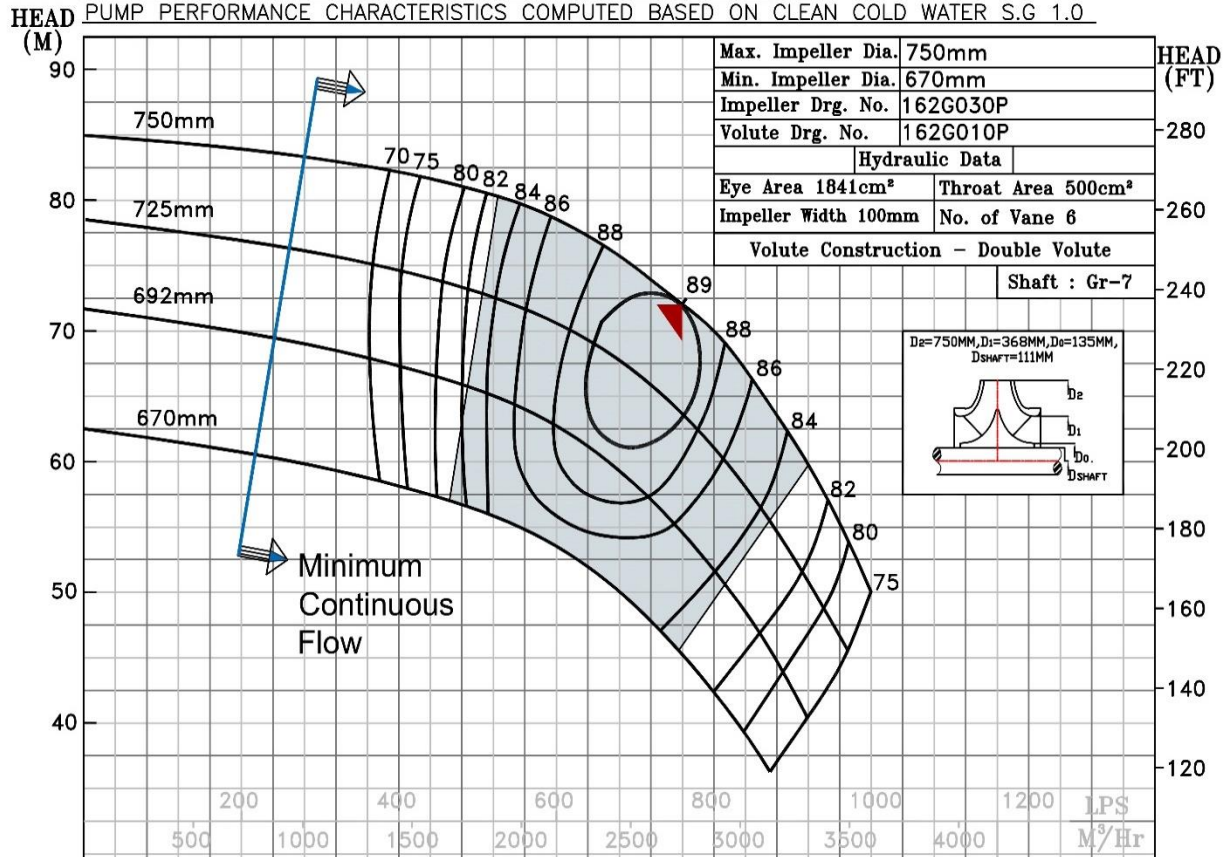


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

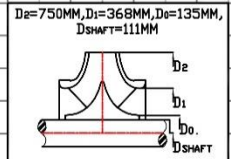
PERFORMANCE CURVE OF 18HS30 @980 R.P.M		18HS30/X/106256		
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 18HS30	WORKING PRESS. 10 bar		
	SIZE 500x450-750	TEST PRESS. 15 bar		
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE			
			SPEED 980 rpm	

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

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

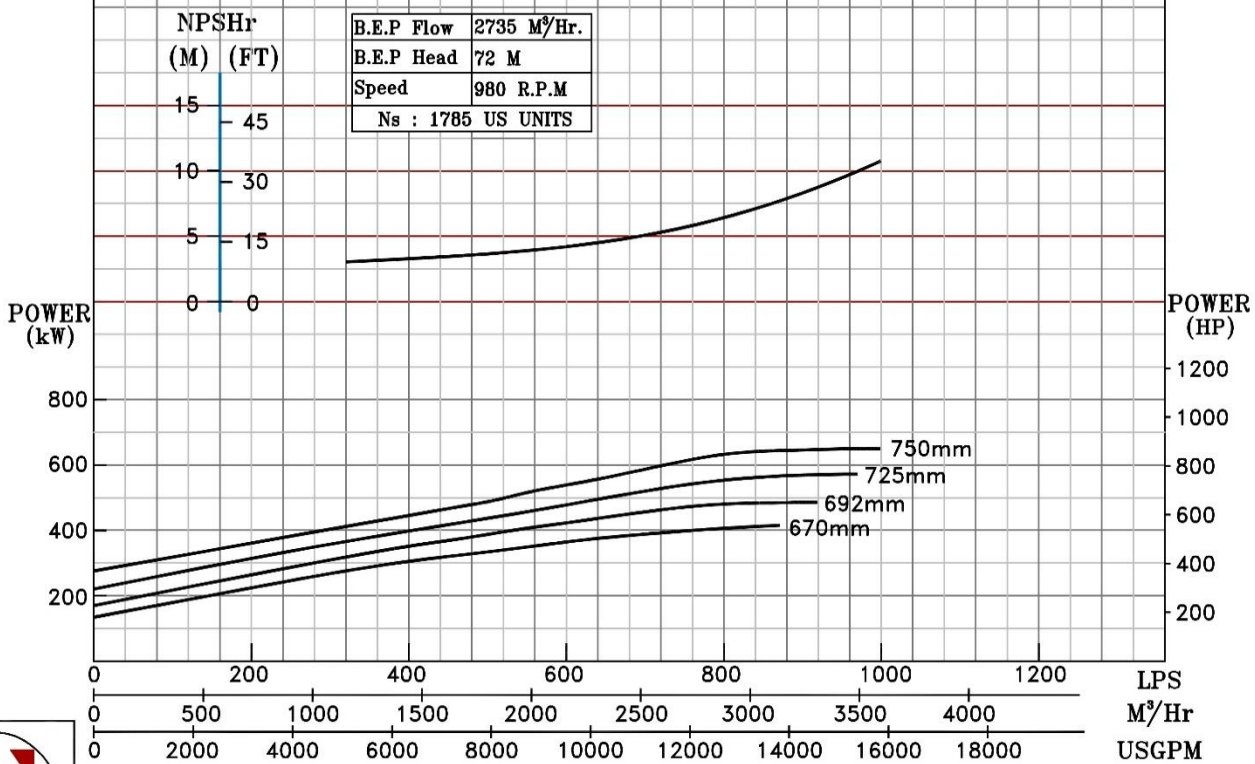


Max. Impeller Dia.	750mm
Min. Impeller Dia.	670mm
Impeller Drg. No.	162G030P
Volute Drg. No.	162G010P
Hydraulic Data	
Eye Area	1841cm <sup>2</sup>
Throat Area	500cm <sup>2</sup>
Impeller Width	100mm
No. of Vane	6
Volute Construction - Double Volute	
Shaft	Gr-7




NPSHr (M) (FT)	
15 (45)	
10 (30)	
5 (15)	
0 (0)	

B.E.P Flow	2735 M <sup>3</sup> /Hr.
B.E.P Head	72 M
Speed	980 R.P.M
Ns	1785 US UNITS



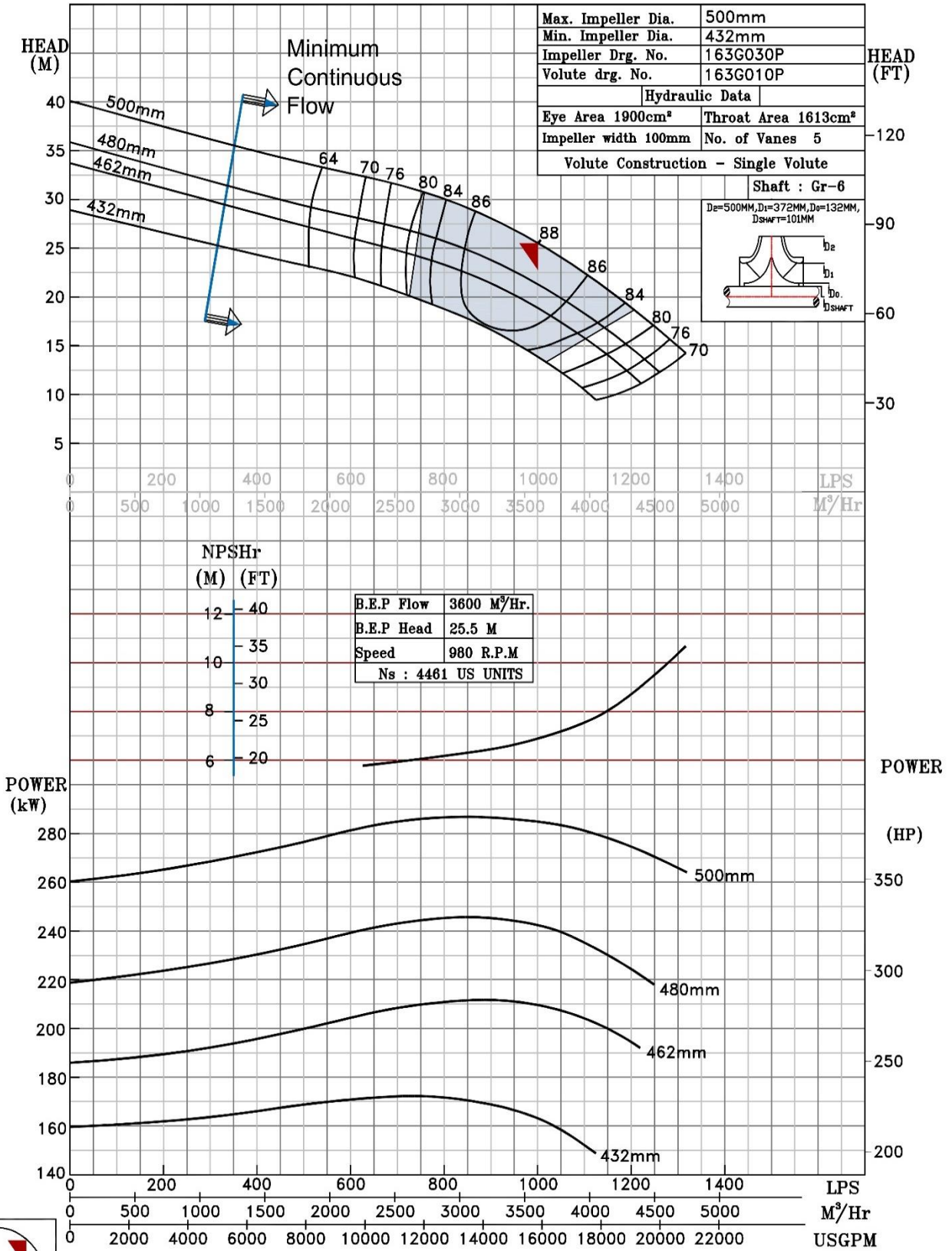
980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

<b>PERFORMANCE CURVE OF 20HS19 @980 R.P.M</b>		20HS19/X/106356	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 20HS19	WORKING PRESS.	10 bar
	SIZE 600x500-480	TEST PRESS.	15 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 980 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

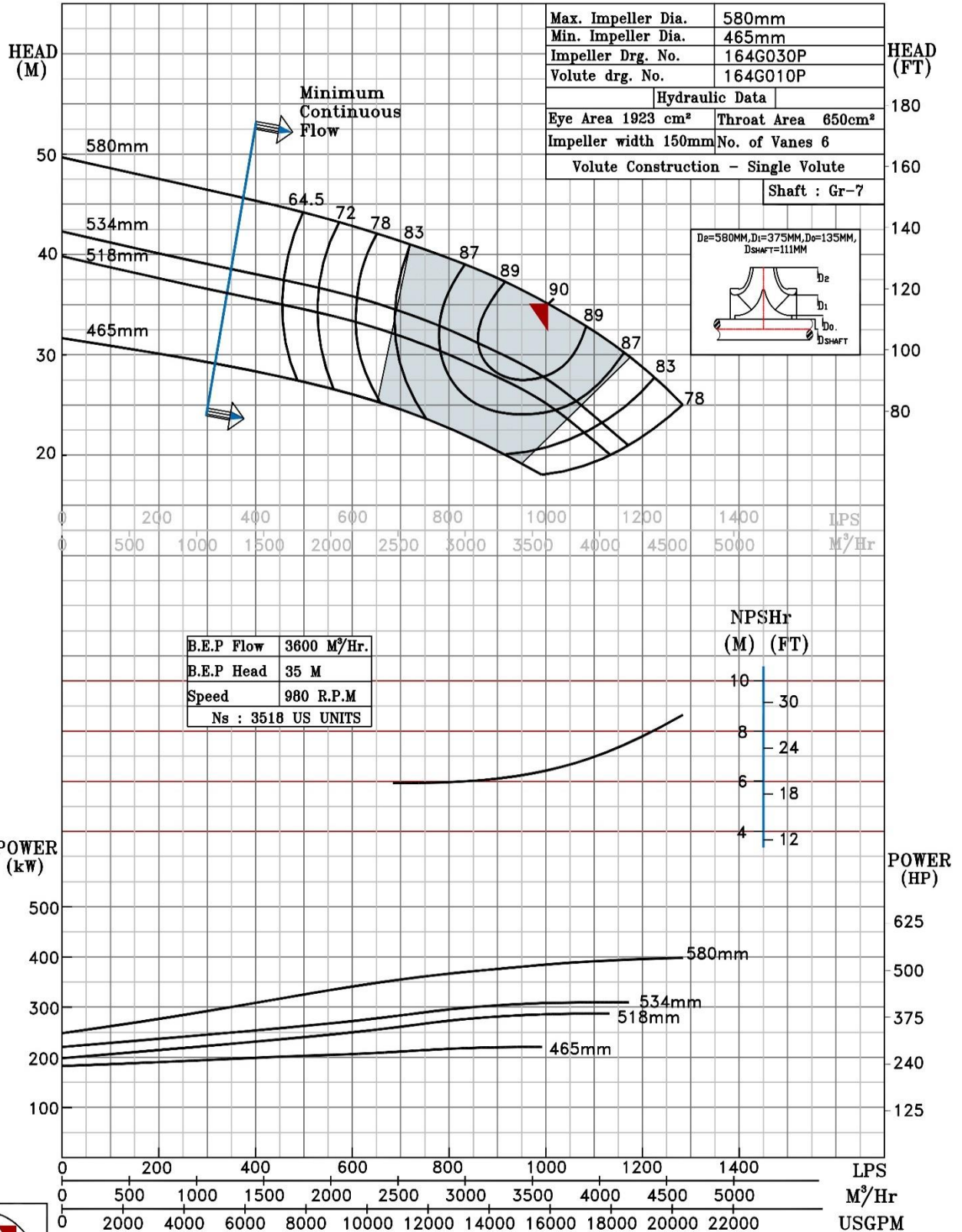


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 20HS23 @980 R.P.M		20HS23/X/106456	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 20HS23	WORKING PRESS.	10 bar
	SIZE 600x500-580	TEST PRESS.	15 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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



980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 20HS25 @980 R.P.M

20HS25/X/106556



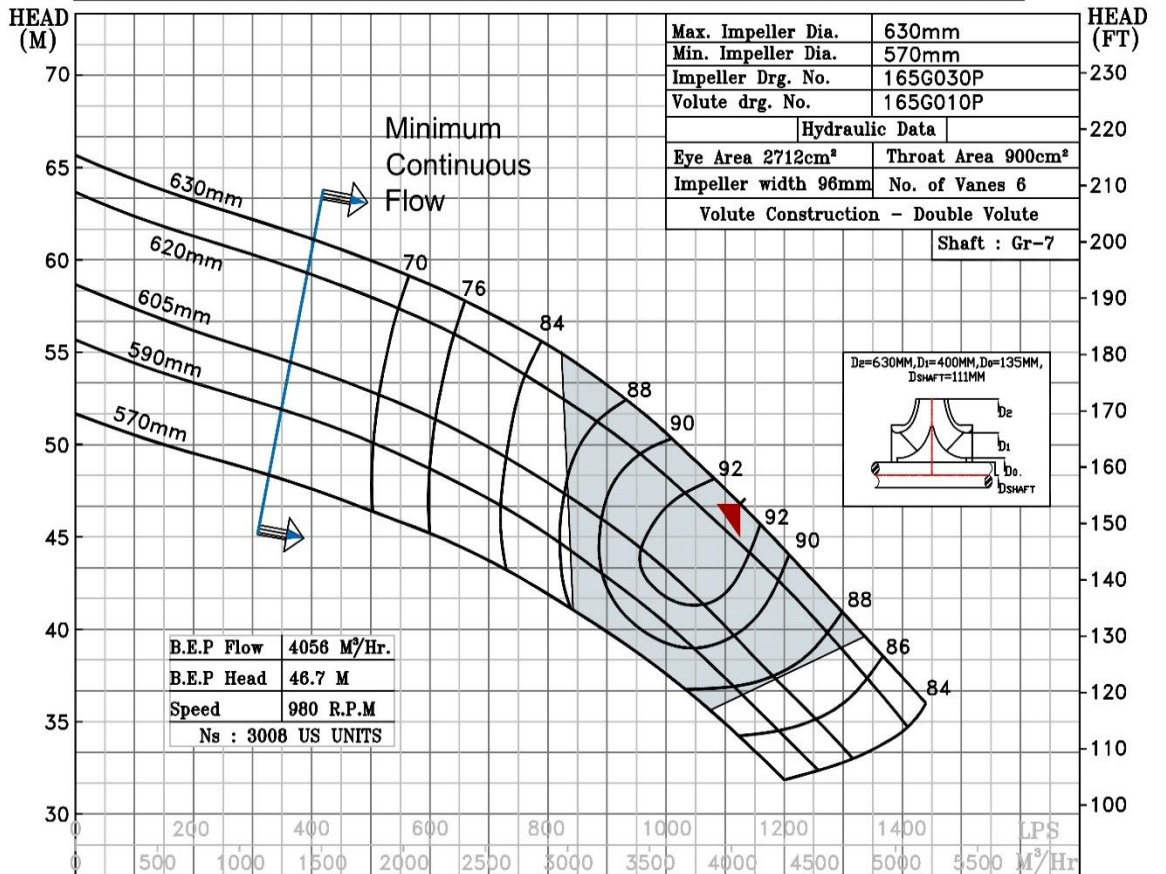
PUMPSENSE

HS RANGE

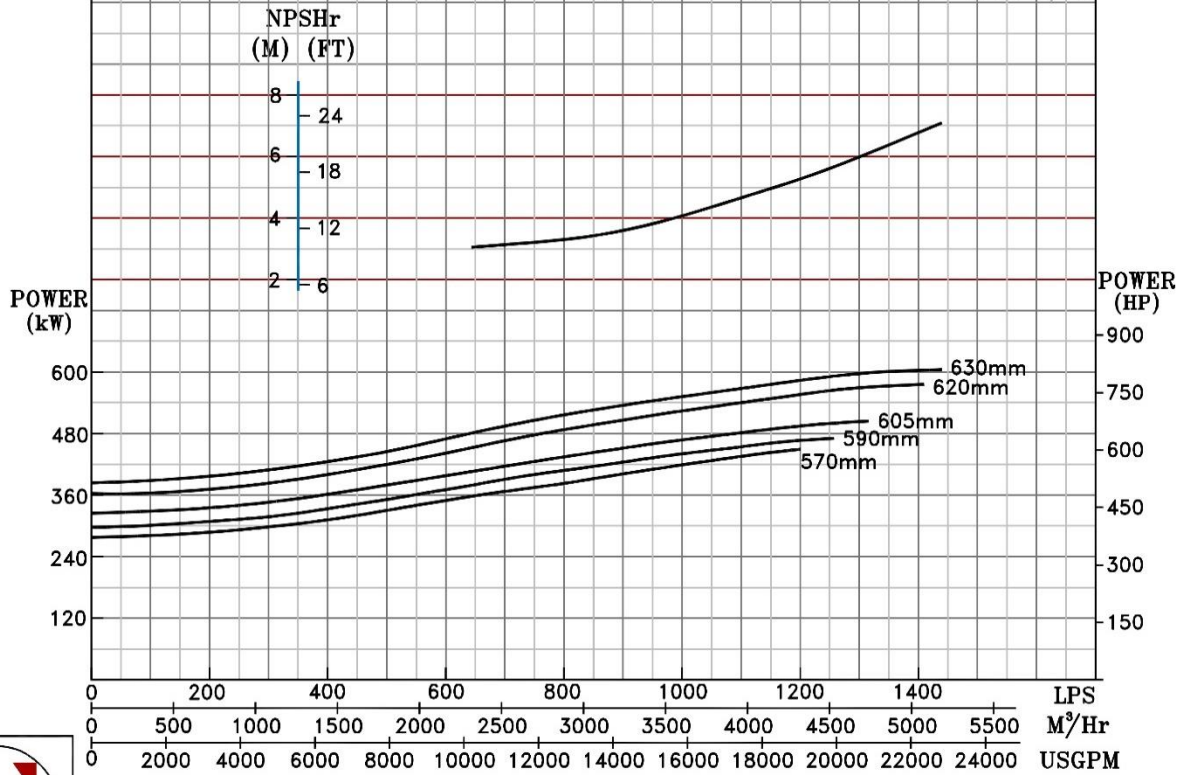
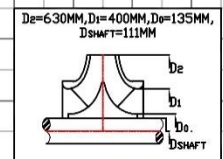
MODEL 20HS25	WORKING PRESS. 10 bar
SIZE 600x500-630	TEST PRESS. 15 bar
TYPE-AXIALLY SPLIT CASE SINGLE STAGE	
SPEED 980 rpm	

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	4056 M <sup>3</sup> /Hr.
B.E.P Head	46.7 M
Speed	980 R.P.M
Ns	3008 US UNITS

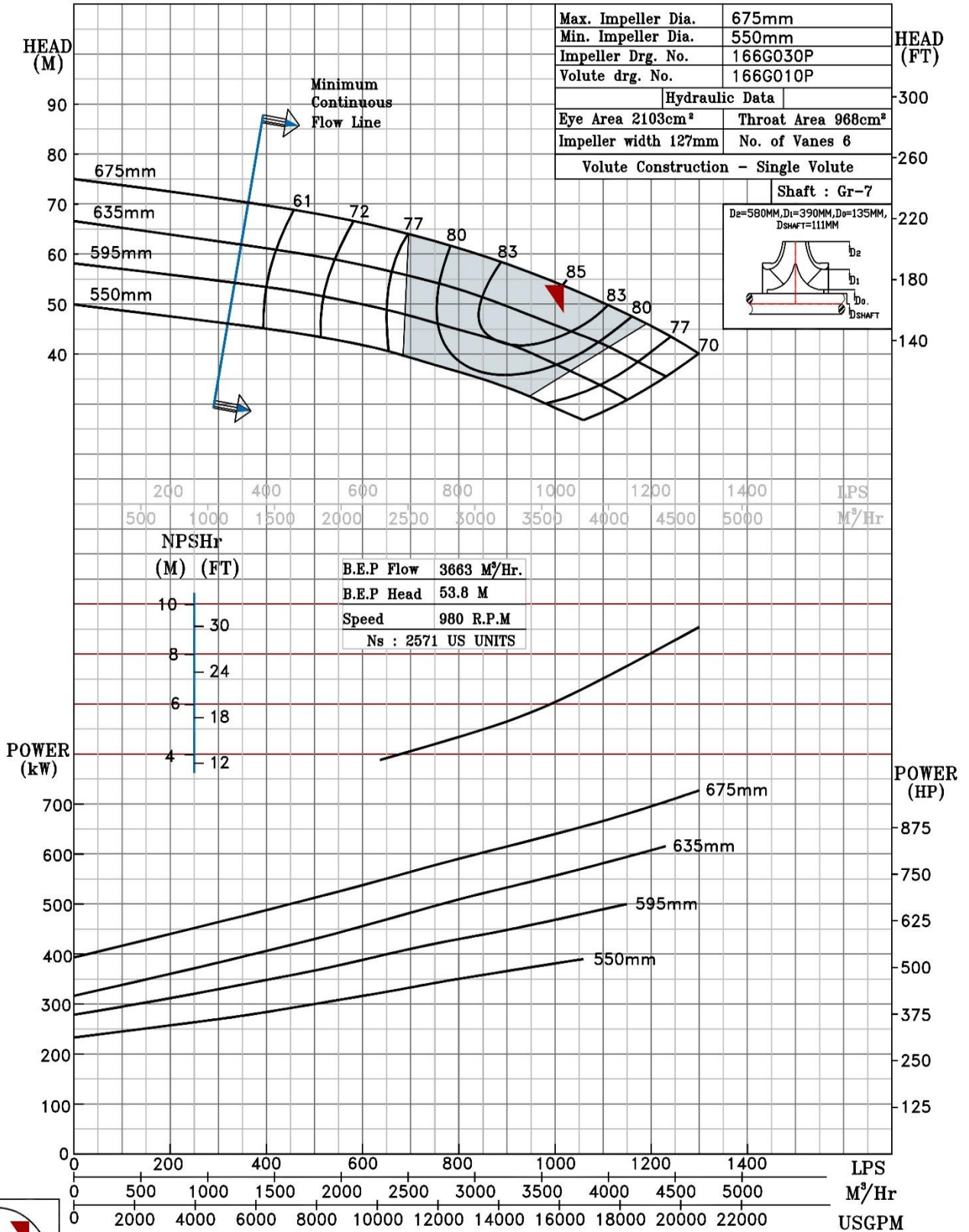


980 RPM

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 20HS27 @ 980 R.P.M		20HS27/X/106656	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	<b>MODEL</b> 20HS27	WORKING PRESS.	10 bar
	SIZE 600x500-675	TEST PRESS.	15 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		SPEED 980 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



980 RPM

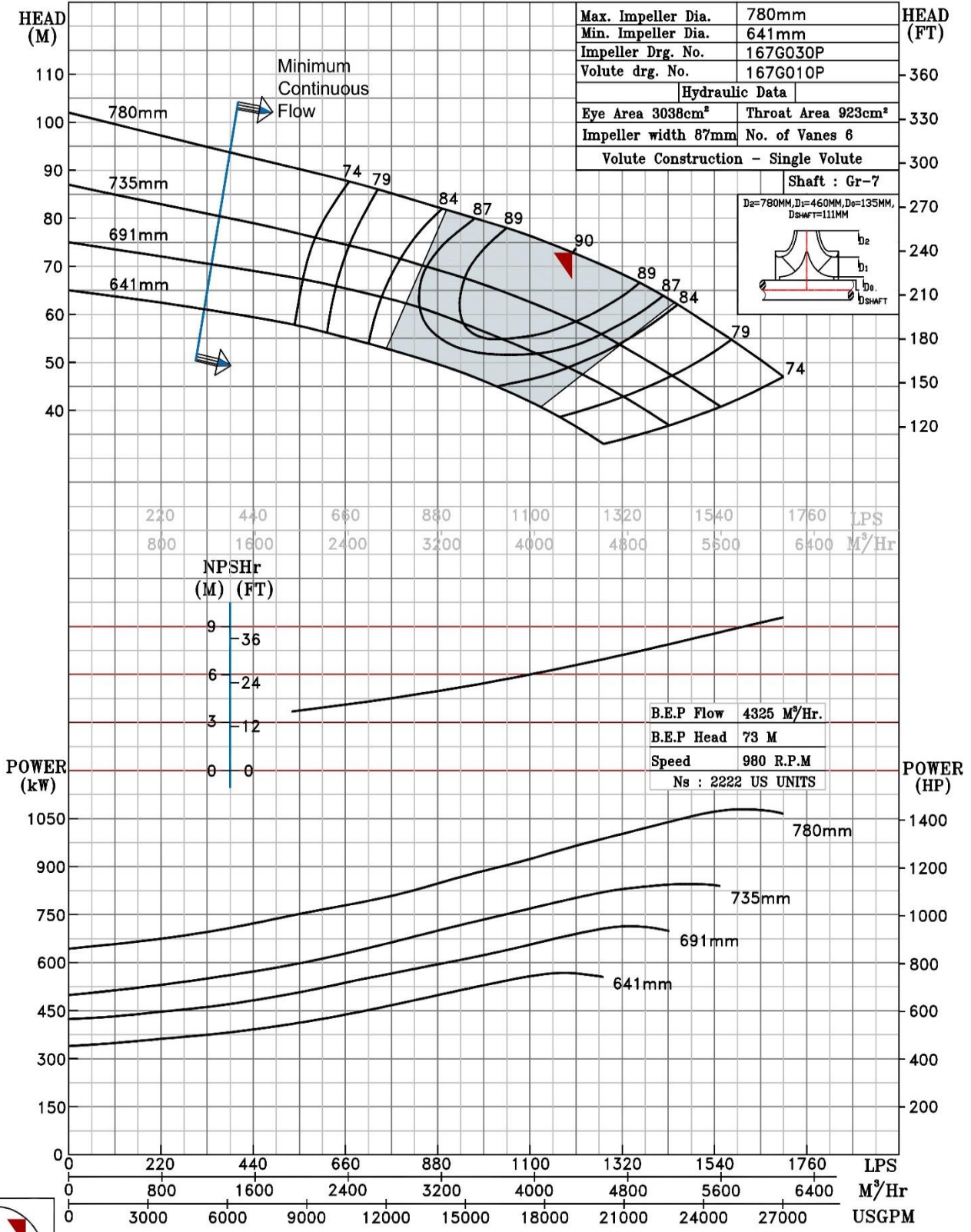


NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 20HS31 @980 R.P.M		20HS31/X/106756	
 <b>PUMPSENSE</b> <i>HS RANGE</i>	MODEL 20HS31	WORKING PRESS	16 bar
	SIZE 600x500-780	TEST PRESS.	24 bar
	TYPE-AXIALLY SPLIT CASE SINGLE STAGE		
			SPEED 980 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



980 RPM