



EBARA

TECHNICAL DATA BOOK

50Hz

EBARA END SUCTION VOLUTE PUMP MODEL GSS



SECTION	DESCRIPTION
1	FEATURES
2	APPLICATIONS
3	PERFORMANCE CHART
4	SPECIFICATION
5	DATA SHEET
6	RECOMMENDED SPARE PARTS
7	INSPECTION AND TESTS
	SECTIONAL VIEW
	DIMENSIONS (BARE SHAFT PUMP)
	DIMENSIONS (WITH MOTOR)
	PERFORMANCE CURVE

Features

■ Features

1. Energy-saving Design

- World top class pump efficiency achieved.
- Major improvement over our previous models by hydro parts designed using our proprietary 3D inverse design technology.
- Higher efficiency means lower energy consumption and motor output, and more compact size.

2. Simple Maintenance

- Back pull-out structure enables disassembly and inspection without removal of suction and discharge piping.
- Shield bearings eliminate need for adding or exchanging lubricating oil.
- Shaft seal flushing and quenching pipes are not required for the standard application.
- Simplified bearings and shaft seal enable easy assembly.

3. Pump Specifications

- Maximum operating pressure: 16bar
- Liquid temperature range expansion: -25°C to 140°C
- Compatible with multiple flange standards.
- Able to meet customer specifications with many combinations shaft seals and materials.

4. International Standards

- Pump dimensions : EN733
- Mechanical seal : EN12756
- Bearing cover plate : EN294

Applications

■ Applications**BUILDING****• Air conditioning-District heating & cooling**

General water supply

Brine (antifreeze liquid)

Hot water circulation

High boost pressure

GENERAL INDUSTRY**• Semiconductor Industry**

Pure water

• Food industry

General water (Cooling water, Recycling water, Filtered water)

CIP (Caustic soda)

• Pulp and Paper Industry

White water (below pulp conc. of 0.3%)

• Automobile industry

Water (without slurry)

Detergent (without slurry)

• Steel industry-Non-ferrous metals industry

Coolant

Cooling Water

• Garbage incineration

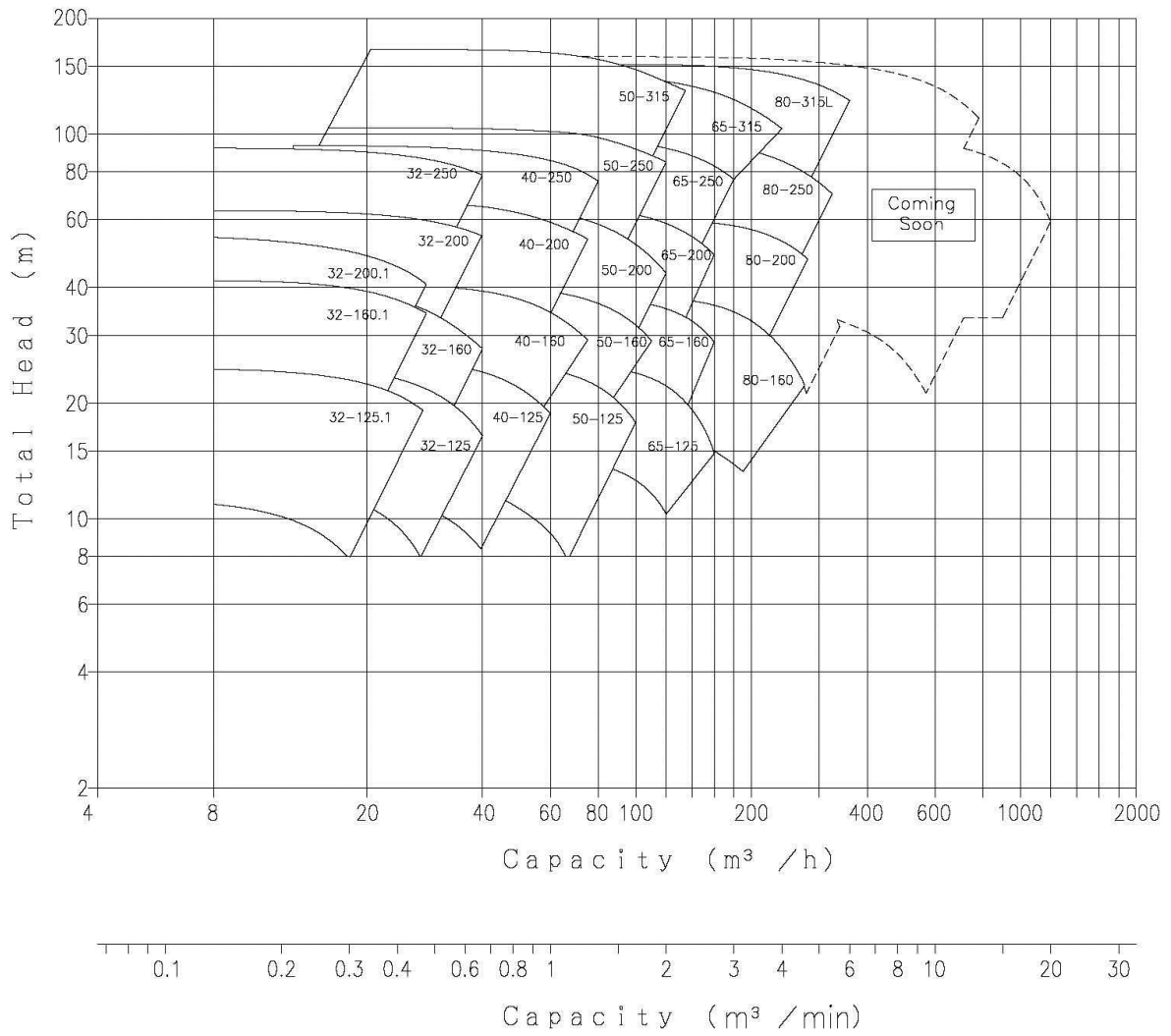
Cooling Water

Deaerator

Condensate water

WATER SUPPLY**• Water supply duties for municipalities****• Irrigation****• Drainage clean water****• Fire protection****• Swimming pool**

Performance Chart 50Hz/2Pole



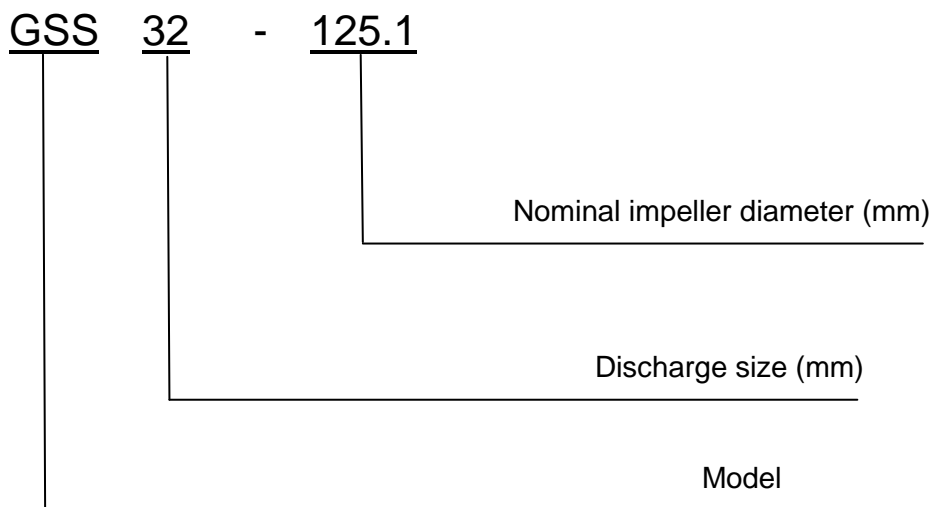
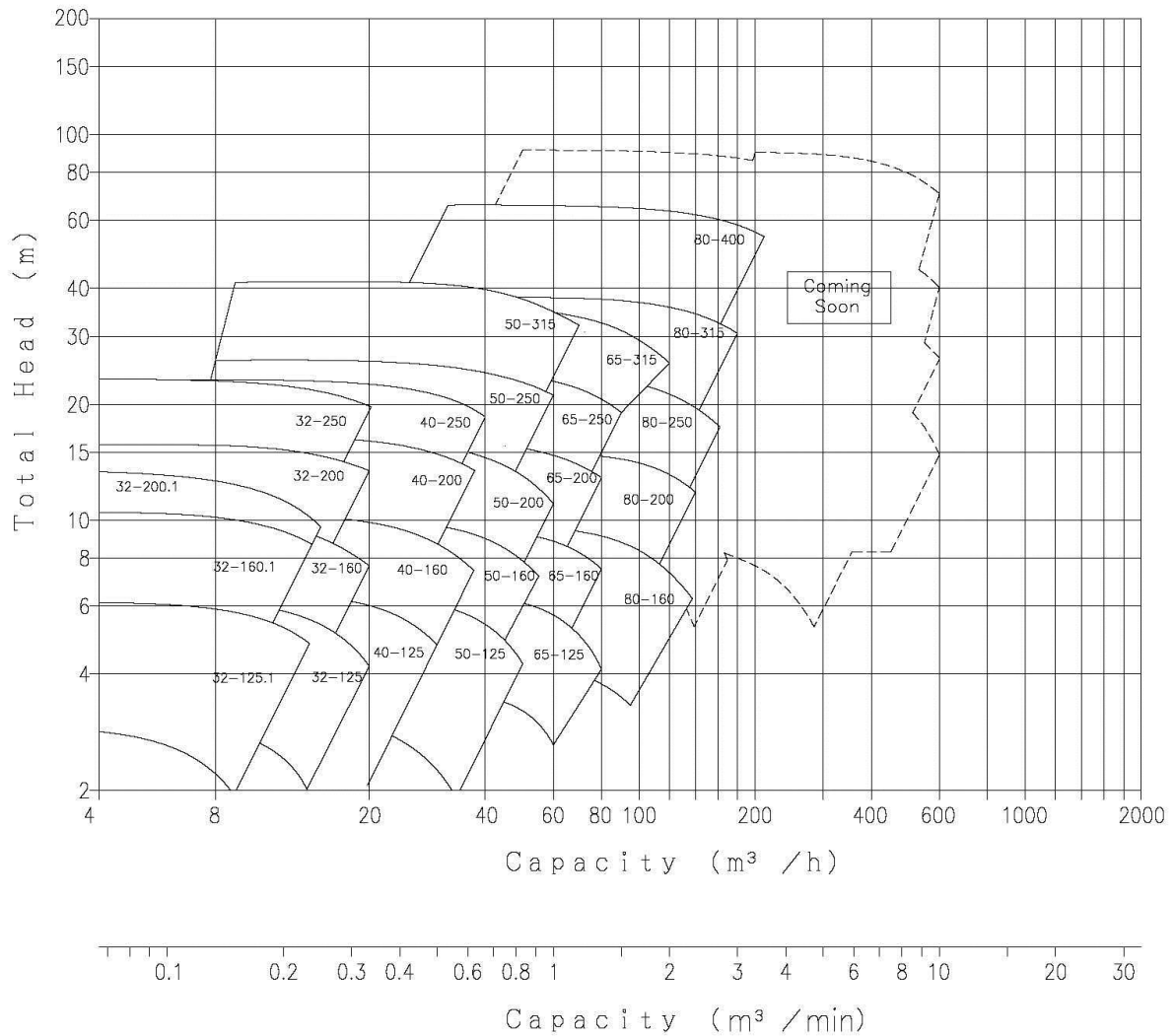
GSS 32 - 125.1

Nominal impeller diameter (mm)

Discharge size (mm)

Model

Performance Chart 50Hz/4Pole



Specification

Description		Standard	Optional
		2 poles / 4 poles	2 poles / 4 poles
Liquid	Temperature	-10°C to 120°C	-25°C to 140°C
	Density	To be discussed each time	—
	Viscosity		
Max. Operating Pressure		Up to 16bar (1.6MPa) for standard flange DIN-PN16	Up to 14bar (1.4Mpa) for standard flange JIS10K
Construction	Impeller	Closed	—
	Shaft seal	Mechanical Seal	Mechanical Seal *Ask Gland Packing P#6502L
	Flushing	N/A	Self / External
	Bearing	Sealed ball bearing (grease lubricated)	—
Flange Standard		EN1092-1	JIS B 2220
Material	Casing	SCS13	SCS14A
	Impeller	SCS13	SCS14A
	Shaft	SUS329J3L *1	—
	Liner ring	SCS14	—
	Shaft sleeve	N/A	SUS304/316
	Gasket	FKM	EPDM

*1 Liquid side

CENTRIFUGAL PUMP DATA SHEET

1 CUSTOMER _____ 2 USER _____ 3 SERVICE _____ 4 JOB NO. _____ 5 ITEM NO. _____ 6 DOC. NO. _____	NO. PUMPS REQ' D. _____ NO. DRIVERS _____ MOTOR _____ TURBINE _____ ENGINE _____ EBARA SER. NO. _____ PUMP SIZE AND TYPE _____
OPERATING CONDITIONS	PERFORMANCE
8 LIQUID _____	NPSH Req. (Aq.) _____
9 PUMPING TEMP. _____	EFFICIENCY _____
10 DENSITY at P. T. _____ kg/ℓ	SHAFT POWER _____
11 VISCOSITY _____	DRIVER OUTPUT _____
12 VAPOR PRESS. _____	PUMP SPEED _____
13 CAPACITY _____	ROTATION VIEWED FROM COUPLING END _____
14 TOTAL HEAD _____	MIN. FLOW _____
15 SUCT. PRESS. _____	AUXILIARY PIPING
16 DISCH. PRESS. _____	FLUSHING <input type="checkbox"/> SELF <input type="checkbox"/> EX. <input type="checkbox"/> PLUG <input type="checkbox"/> SELF+EX. _____
17 DIFF. PRESS. _____	LIQUID _____
18 NPSH Av. (Aq.) _____	CONNECT. _____
19 CORR. /EROS. _____	PRESS. _____
20 SOLID _____	TEMP. _____
21 CONCENTRATION _____	CAP. _____
CONSTRUCTION	COOLING : BRG. ST. BOX PED. COOLER _____
23 NOZZLES SIZE RATING FACING POSITION	CAP. _____
24 SUCTION _____	TOTAL _____
25 DISCHARGE _____	CONNECT. _____
26 _____	PRESS. _____
27 PUMP TYPE <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> VERTICAL	TEMP. _____
28 CASE - MOUNT. <input type="checkbox"/> FOOT <input type="checkbox"/> CENTERLINE <input type="checkbox"/> BRACKET <input type="checkbox"/> IN-LINE	JACKET HYD. TEST PRESS. _____
29 - SPLIT <input type="checkbox"/> RADIAL <input type="checkbox"/> AXIAL	QUENCH NONE _____
30 - VOLUTE <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> DIFFUSER	MATERIALS
31 - PRESS. MAX. ALLOW. _____	CASING _____ C. W' RING _____
32 HYDRO. TEST _____	IMPELLER _____ I. W' RING _____
33 - CONNECT <input type="checkbox"/> VENT <input type="checkbox"/> DRAIN <input type="checkbox"/> GAGE	SHAFT _____
34 IMPELLER DIA. : () RATED _____	SLEEVE _____
35 MAX. _____	_____
36 TYPE : <input type="checkbox"/> CLOSED <input type="checkbox"/> SEMI-OPEN <input type="checkbox"/> OPEN	_____
37 MOUNT : <input type="checkbox"/> BETWEENBRGS. <input type="checkbox"/> OVERHUNG	_____
38 NO. OF STAGE _____	_____
39 BEARING TYPE : RADIAL _____	BASE PLATE _____
40 THRUST _____	SHOP TEST
41 LUBE : <input type="checkbox"/> RING OIL <input type="checkbox"/> FLOOD <input type="checkbox"/> GREASE	PERFORMANCE <input type="checkbox"/> NON-WIT <input type="checkbox"/> WIT.
42 <input type="checkbox"/> FLINGER	NPSH Req. <input type="checkbox"/> NON-WIT <input type="checkbox"/> WIT.
43 COUPLING TYPE <input type="checkbox"/> FLEXIBLE <input type="checkbox"/> GEAR <input type="checkbox"/> V-PULLEY	HYDROSTATIC <input type="checkbox"/> NON-WIT <input type="checkbox"/> WIT.
44 <input type="checkbox"/> RUBFLEX	DISMANTLE <input type="checkbox"/> NON-WIT <input type="checkbox"/> WIT.
45 SPACER : <input type="checkbox"/> YES <input type="checkbox"/> NO	
46 GUARD : <input type="checkbox"/> YES <input type="checkbox"/> NO	
47 SHAFT SEAL _____	VERTICAL PUMPS
48 _____	PIT DEPTH _____
49 _____	PUMP LENGTH _____
MOTOR DRIVER	MIN. SUBMERGENCE _____
51 MOTOR POWER _____ POLE _____ PHASE _____	SUCT. CLEARANCE _____
52 _____ min ⁻¹ _____ V _____ Hz	MASS : PUMP _____ BASE _____
53 TYPE _____	DRIVER _____ TOTAL _____
ACCESSORIES	
55 <input type="checkbox"/> BASE <input type="checkbox"/> FLANGE _____	
56 <input type="checkbox"/> FOUND. BOLT <input type="checkbox"/> TOOL _____	
57 <input type="checkbox"/> COUPLING _____	
58 <input type="checkbox"/> COUPLING GUARD _____	
59 <input type="checkbox"/> GAGE _____	
60 REMARKS _____	DATE _____ REV. : _____
61 _____	APPROVED BY _____
62 _____	CHECKED BY _____
63 _____	MADE BY _____

Recommended spare parts

MODEL	50Hz	50Hz	60Hz	60Hz	Nominal parts name				
	2900 rpm	1450 rpm	1750 rpm	3500 rpm	Shaft sleeve	Ball Bearing	Casing wearing ring	Casing cover wearing ring	
No.					41	56	107-1	107-2	
Qty					1	2	1	1	
GSS32-125.1					230	6306ZZ	GSSLY-76	GSSLY-76	
GSS32-125									
GSS32-160.1									
GSS32-160									
GSS32-200.1									
GSS32-200									
GSS32-250								GSSLY-88	GSSLY-88
GSS40-125									
GSS40-160									
GSS40-200								GSSLY-100	GSSLY-100
GSS40-250									
GSS50-125									
GSS50-160								GSSLY-116	GSSLY-116
GSS50-200									
GSS50-250									
GSS50-315				-	240	6308ZZ			
GSS65-125					230	6306ZZ	GSSLY-132	GSSLY-132	
GSS65-160									
GSS65-200									
GSS65-250					240	6308ZZ			
GSS65-315				-					
GSS80-160					230	6306ZZ			
GSS80-200					240	6308ZZ	GSSLY-148	GSSLY-148	
GSS80-250									
GSS80-400	-			-					

-;None

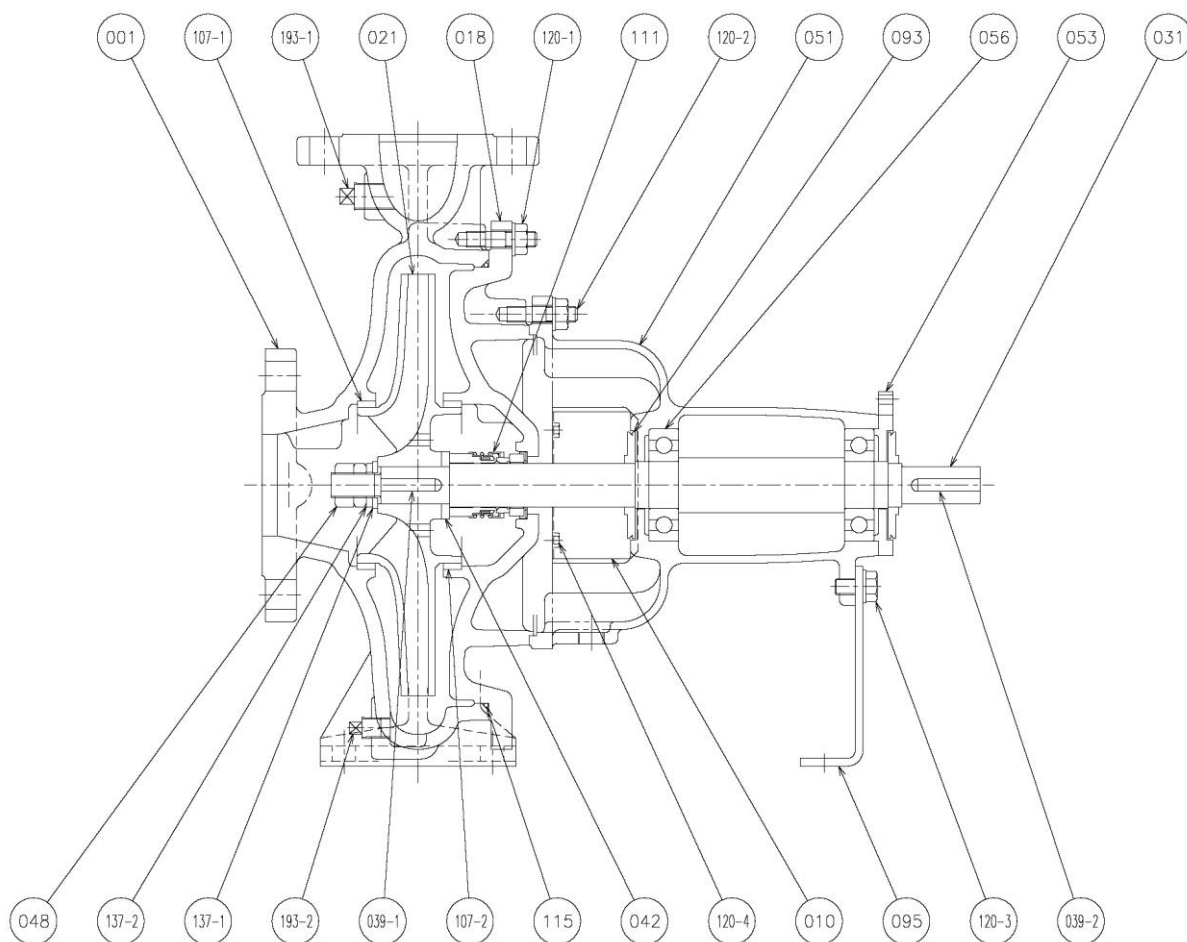
Recommended spare parts

MODEL	50Hz	50Hz	60Hz	60Hz	Nominal parts name			
	2900 rpm	1450 rpm	1750 rpm	3500 rpm	Mechanical Seal	Oring	Gasket (For gland packing)	Gland Packing
No.					111	115	117-1	119
Qty					1	1	1	4
GSS32-125.1					EBR11-28F-S/C	3.53x183.74 AS568-263	24X28X1	33X49X8
GSS32-125						3.53x234.54 AS568-271		
GSS32-160.1						3.53x183.74 AS568-263		
GSS32-160						3.53x234.54 AS568-271		
GSS32-200.1						3.53x278.99 AS568-276		
GSS32-200						3.53x183.74 AS568-263		
GSS32-250						3.53x234.54 AS568-271		
GSS40-125						3.53x278.99 AS568-276		
GSS40-160						3.53x183.74 AS568-263		
GSS40-200						3.53x234.54 AS568-271		
GSS40-250						3.53x278.99 AS568-276		
GSS50-125						3.53x183.74 AS568-263		
GSS50-160						3.53x234.54 AS568-271		
GSS50-200						3.53x278.99 AS568-276		
GSS50-250				-	EBR11-38F-S/C	3.53x355.19 AS568-280	32X38X1	43X63X10
GSS65-125					EBR11-28F-S/C	3.53x183.74 AS568-263	24X28X1	33X49X8
GSS65-160						3.53x234.54 AS568-271		
GSS65-200					EBR11-38F-S/C	3.53x278.99 AS568-276	32X38X1	43X63X10
GSS65-250				-		3.53x355.19 AS568-280		
GSS65-315					EBR11-28F-S/C	3.53x183.74 AS568-263	24X28X1	33X49X8
GSS80-160					EBR11-38F-S/C	3.53x234.54 AS568-271	32X38X1	43X63X10
GSS80-200					3.53x278.99 AS568-276			
GSS80-250					EBR11-48F-S/C	5.33x456.06 AS568-387		

-:None

To Be Determined

Sectional view (Mechanical Seal Type)

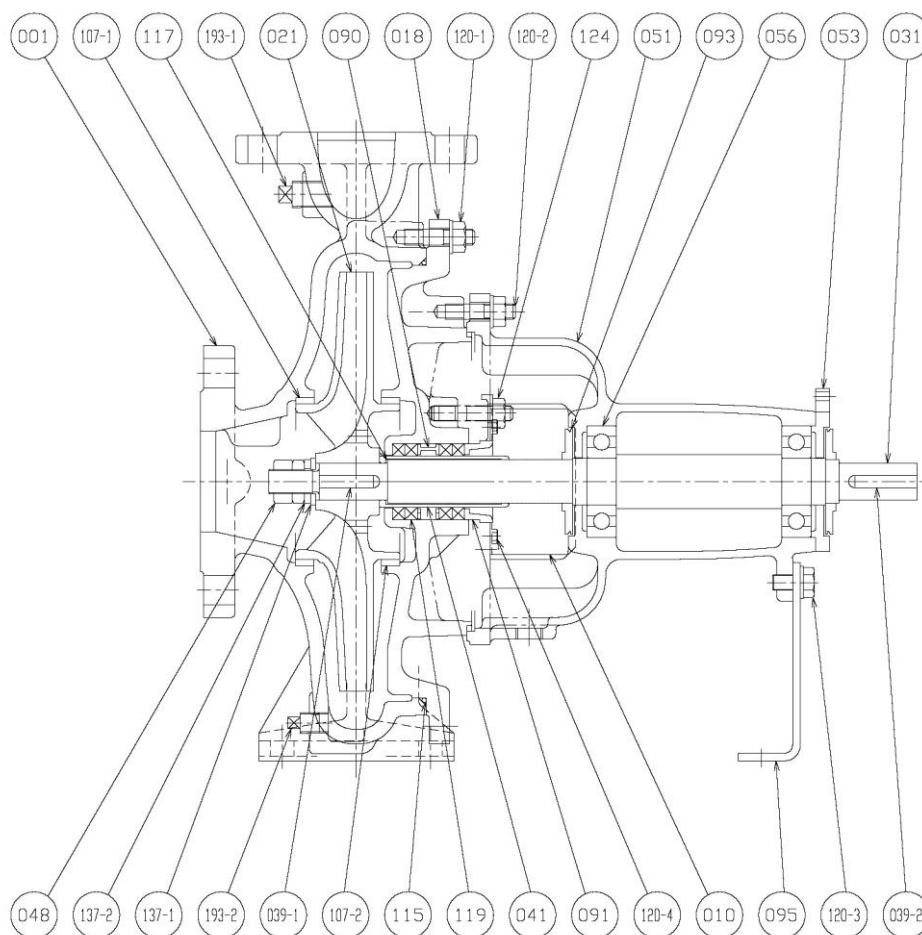


Mechanical Seal Type

No.	Part name	Qty	Material (Casing Material Stainless Steel)	
001	CASING	1	SCS13	GX5CrNi19-10(1.4308)
010	PROTECTOR	2	SPCC	Hot-rolled mild steel
018	CASING COVER	1	SCS13	GX5CrNi19-10(1.4308)
021	IMPELLER	1	SCS13	GX5CrNi19-10(1.4308)
031	SHAFT	1	SUS329J3L *1	X2CrNiMoN22-5-3(1.4462) *1
039-1	KEY	1	SUS316	X5CrNiMo17-12-2(1.4401)
039-2	KEY	1	S50C	C50(1.0540)
042	SPACER	1	SUS304	X5CrNi18-10(1.4301)
048	IMPELLER NUT	1	SUS304	X5CrNi18-10(1.4301)
051	BEARING HOUSING	1	FC150	EN-GJL-150(EN-JL1020)
053	BEARING COVER	1	FC150	EN-GJL-150(EN-JL1020)
056	BALL BEARING	2	-	-
093	DEFLECTOR	2	EPDM	Rubber/EPDM
095	STAY	1	SPHC	Hot-rolled mild steel
107-1	CASING RING	1	SUS316	X5CrNiMo17-12-2(1.4401)
107-2	CASING RING	1	SUS316	X5CrNiMo17-12-2(1.4401)
111	MECHANICAL SEAL	1	-	-
115	O-RING	1	FKM	Rubber/FKM
120-1	BOLT	-	SS400	Rolled steel
120-2	BOLT	6	SS400	Rolled steel
120-3	BOLT	1	SS400	Rolled steel
120-4	BOLT	4	SS400	Rolled steel
137-1	PLAIN WASHER	1	SUS304	X5CrNi18-10(1.4301)
137-2	SPRING LOCK WASHER	1	SUS304	X5CrNi18-10(1.4301)
193-1	PLUG	1	SUS304	X5CrNi18-10(1.4301)
193-2	PLUG	1	SUS304	X5CrNi18-10(1.4301)

*1 Liquid side

Sectional view (Gland Packing Type)

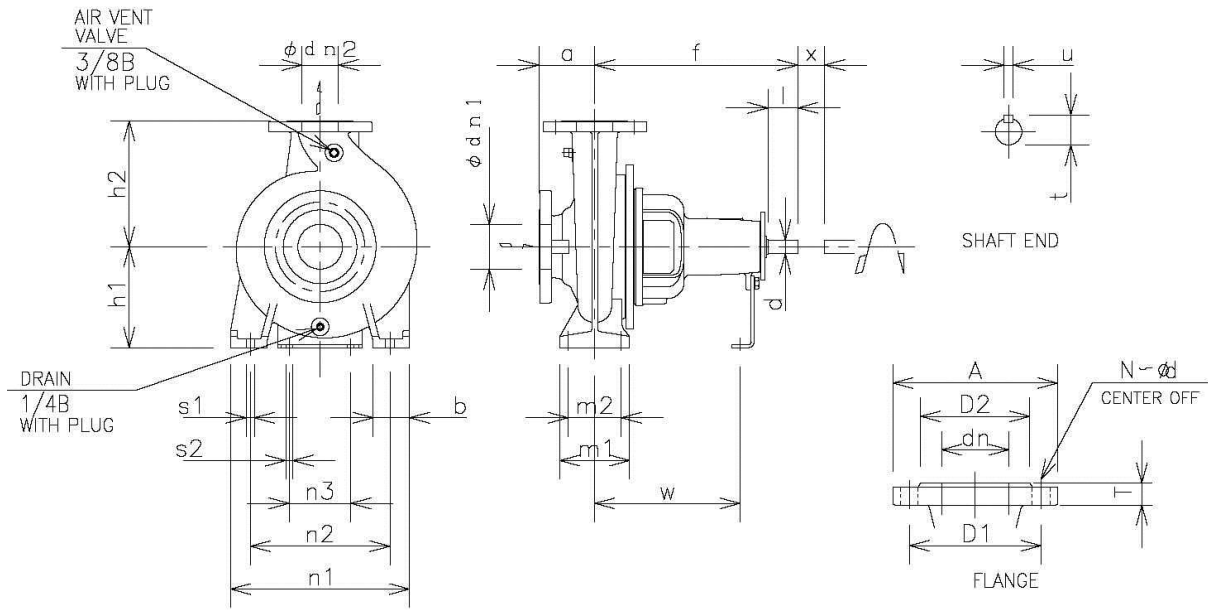


Gland Packing Type

No.	Part name	Qty	Material (Casing Material Stainless Steel)	
001	CASING	1	SCS13	GX5CrNi19-10(1.4308)
010	PROTECTOR	2	SPCC	Hot-rolled mild steel
018	CASING COVER	1	SCS13	GX5CrNi19-10(1.4308)
021	IMPELLER	1	SCS13	GX5CrNi19-10(1.4308)
031	SHAFT	1	SUS329J3L *1	X2CrNiMoN22-5-3(1.4462) *1
039-1	KEY	1	SUS316	X5CrNiMo17-12-2(1.4401)
039-2	KEY	1	S50C	C50(1.0540)
041	SHAFT SLEEVE	1	SUS304	X5CrNi18-10(1.4301)
048	IMPELLER NUT	1	SUS304	X5CrNi18-10(1.4301)
051	BEARING HOUSING	1	FC150	EN-GJL-150(EN-JL1020)
053	BEARING COVER	1	FC150	EN-GJL-150(EN-JL1020)
056	BALL BEARING	2	-	-
090	LANTERN RING	1	SUS316	X5CrNiMo17-12-2(1.4401)
091	GLAND	1	SUS316	X5CrNiMo17-12-2(1.4401)
093	DEFLECTOR	2	EPDM	Rubber/EPDM
095	STAY	1	SPHC	Hot-rolled mild steel
107-1	CASING RING	1	SCS14A	GX5CrNiMo19-11-2 (1.4408)
107-2	CASING RING	1	SCS14A	GX5CrNiMo19-11-2 (1.4408)
115	O-RING	1	FKM	Rubber/FKM
111	GASKET	1	V#6500AC	V#6500AC
119	GLAND PACKING	4	P#6502L	P#6502L
120-1	BOLT	-	SS	Rolled steel
120-2	BOLT	6	SS	Rolled steel
120-3	BOLT	1	SS	Rolled steel
120-4	BOLT	4	SS	Rolled steel
124	GLAND BOLT	-	SUS304	X5CrNi18-10(1.4301)
137-1	PLAIN WASHER	1	SUS304	X5CrNi18-10(1.4301)
137-2	SPRING LOCK WASHER	1	SUS304	X5CrNi18-10(1.4301)
193-1	PLUG	1	SUS304	X5CrNi18-10(1.4301)
193-2	PLUG	1	SUS304	X5CrNi18-10(1.4301)

*1 Liquid side

Dimensions (Bare shaft pump)



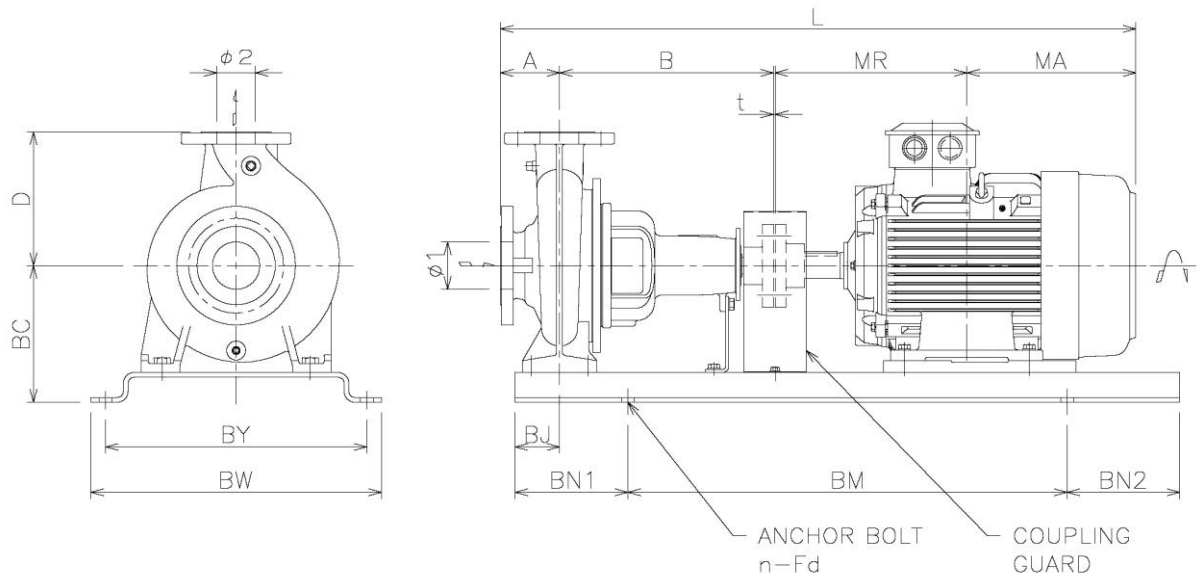
Unit:mm

MODEL	Suction flange DIN PN16 RF							Discharge flange DIN PN16 RF						
	dn1	A	D1	D2	T	N	d	dn2	A	D1	D2	T	N	d
GSS32	50	165	125	102	18	4	18	32	140	100	76	18	4	18
GSS40	65	185	145	122	18	4	18	40	150	110	88	18	4	18
GSS50	65	185	145	122	18	4	18	50	165	125	102	18	4	18
GSS65	80	200	160	138	20	8	18	65	185	145	122	18	4	18
GSS80	100	220	180	158	20	8	18	80	200	160	138	20	8	18

MODEL	Suction flange JIS 10K RF							Discharge flange JIS 10K RF						
	dn1	A	D1	D2	T	N	d	dn2	A	D1	D2	T	N	d
GSS32	50	155	120	96	16	4	19	32	135	100	76	16	4	19
GSS40	65	175	140	116	18	4	19	40	140	105	81	16	4	19
GSS50	65	175	140	116	18	4	19	50	155	120	96	16	4	19
GSS65	80	185	150	126	18	8	19	65	175	140	116	18	4	19
GSS80	100	210	175	151	18	8	19	80	185	150	126	18	8	19

MODEL	ϕ dn1	ϕ dn2	Pump				Support										Shaft end					MASS kg
			a	f	h1	h2	b	m1	m2	n1	n2	n3	w	s1	s2	d	l	t	u	x		
GSS32-125.1	50	32	80	360	112	140	50	100	70	190	140	110	260	M12	M12	24	50	27	8	100	28	
GSS32-160.1	50	32	80	360	132	160	50	100	70	240	190	110	260	M12	M12	24	50	27	8	100	29	
GSS32-200.1	50	32	80	360	160	180	50	100	70	240	190	110	260	M12	M12	24	50	27	8	100	39	
GSS32-125	50	32	80	360	112	140	50	100	70	190	140	110	260	M12	M12	24	50	27	8	100	28	
GSS32-160	50	32	80	360	132	160	50	100	70	240	190	110	260	M12	M12	24	50	27	8	100	29	
GSS32-200	50	32	80	360	160	180	50	100	70	240	190	110	260	M12	M12	24	50	27	8	100	39	
GSS32-250	50	32	100	360	180	225	65	125	95	320	250	110	260	M12	M12	24	50	27	8	100	46	
GSS40-125	65	40	80	360	112	140	50	100	70	210	160	110	260	M12	M12	24	50	27	8	100	30	
GSS40-160	65	40	80	360	132	160	50	100	70	240	190	110	260	M12	M12	24	50	27	8	100	31	
GSS40-200	65	40	100	360	160	180	50	100	70	265	212	110	260	M12	M12	24	50	27	8	100	41	
GSS40-250	65	40	100	360	180	225	65	125	95	320	250	110	260	M12	M12	24	50	27	8	100	48	
GSS40-315	65	40	125	470	225	250	65	125	95	345	280	110	340	M12	M12	32	80	35	10	100	82	
GSS50-125	65	50	100	360	132	160	50	100	70	240	190	110	260	M12	M12	24	50	27	8	100	33	
GSS50-160	65	50	100	360	160	180	50	100	70	265	212	110	260	M12	M12	24	50	27	8	100	33	
GSS50-200	65	50	100	360	160	200	50	100	70	265	212	110	260	M12	M12	24	50	27	8	100	44	
GSS50-250	65	50	100	360	180	225	65	125	95	320	250	110	260	M12	M12	24	50	27	8	100	50	
GSS50-315	65	50	125	470	225	280	65	125	95	345	280	110	340	M12	M12	32	80	35	10	100	86	
GSS65-125	80	65	100	360	160	180	65	125	95	280	212	110	260	M12	M12	24	50	27	8	100	37	
GSS65-160	80	65	100	360	160	200	65	125	95	280	212	110	260	M12	M12	24	50	27	8	100	41	
GSS65-200	80	65	100	360	180	225	65	125	95	320	250	110	260	M12	M12	24	50	27	8	140	47	
GSS65-250	80	65	100	470	200	250	80	160	120	360	280	110	340	M16	M12	32	80	35	10	140	73	
GSS65-315	80	65	125	470	225	280	80	160	120	400	315	110	340	M16	M12	32	80	35	10	140	90	
GSS80-160	100	80	125	360	180	225	65	125	95	320	250	110	260	M12	M12	24	50	27	8	140	46	
GSS80-200	100	80	125	470	180	250	65	125	95	345	280	110	340	M12	M12	32	80	35	10	140	67	
GSS80-250	100	80	125	470	200	280	80	160	120	400	315	110	340	M16	M12	32	80	35	10	140	77	
GSS80-315	100	80	125	470	250	315	80	160	120	400	315	110	340	M16	M12	32	80	35	10	140	101	
GSS80-315L	100	80	125	530	250	315	80	160	120	400	315	110	370	M16	M12	42	110	45	12	140	112	
GSS80-400	100	80	125	530	280	355	80	160	120	435	355	110	370	M16	M12	42	110	45	12	140	162	

Dimensions (with motor)



Model	Pole	Hz		Power kW	Size			Pump			Motor					Common Base							Total											
		50	60		φ 1	φ 2	A	B	D	Mass (kg)	Frame	MR	MA	Mass (kg)	BC	BJ	BM	BN1	BN2	BY	BW	n-Fd	Mass (kg)	t	L	Mass (kg)								
32-125.1	2	✓		0.75	50	32	80	360	140	30	80M	140	153	16.5	162	60	540	130	130	320	360	4-M16	20	3	736	77								
		✓	✓	1.1							80M	140	153	18											787.5	84								
		✓	✓	1.5							90S	156	188.5	23											812.5	93								
		✓	✓	2.2							90L	168.5	201	27											835	105								
		✓	✓	3							100L	193	199	37.5											855.5	115								
		✓	✓	4							112M	200	212.5	47.5											909	133								
		✓	✓	5.5							132S	239	227	61											182	600	150	150	350	390	24	3	835	105
		✓	✓	7.5							132S	239	227	65											182	600	150	150	350	390	24	3	855.5	115
32-125	2	✓		0.75	50	32	80	360	140	27	80M	140	153	16.5	162	60	540	130	130	320	360	4-M16	20	3	736	76								
		✓	✓	1.1							80M	140	153	18											787.5	81								
		✓	✓	1.5							90S	156	188.5	23											812.5	89								
		✓	✓	2.2							90L	168.5	201	27											835	102								
		✓	✓	3							100L	193	199	37.5											855.5	112								
		✓	✓	4							112M	200	212.5	47.5											909	132								
		✓	✓	5.5							132S	239	227	61											182	600	150	150	350	390	24	3	835	104
		✓	✓	7.5							132S	239	227	65											182	600	150	150	350	390	24	3	855.5	115
32-160.1	2	✓		1.5	50	32	80	360	160	28	90S	156	188.5	23	182	60	600	150	150	350	390	4-M16	24	3	787.5	87								
		✓	✓	2.2							90L	168.5	201	27											812.5	91								
		✓	✓	3							100L	193	199	37.5											835	104								
		✓	✓	4							112M	200	212.5	47.5											855.5	115								
		✓	✓	5.5							132S	239	227	61											909	130								
		✓	✓	7.5							132S	239	227	65											909	135								
		✓	✓	11							160M	323	285	105											210	740	190	190	440	490	4-M20	37	1051	195
		✓	✓	2.2							90L	168.5	201	27											812.5	91								
32-160	2	✓		3	50	32	80	360	160	28	100L	193	199	37.5	182	60	600	150	150	350	390	4-M16	24	3	835	104								
		✓	✓	4							112M	200	212.5	47.5											855.5	115								
		✓	✓	5.5							132S	239	227	61											909	130								
		✓	✓	7.5							132S	239	227	65											909	135								
		✓	✓	11							160M	323	285	105											210	740	190	190	440	490	4-M20	37	1051	197
		✓	✓	3							100L	193	199	37.5											835	116								
		✓	✓	4							112M	200	212.5	47.5											855.5	129								
		✓	✓	5.5							132S	239	227	61											909	145								
32-200.1	2	✓		5.5	50	32	80	360	180	38	132S	239	227	65	210	60	600	150	150	350	390	4-M16	24	3	855.5	129								
		✓	✓	7.5							132S	239	227	61											909	149								
		✓	✓	11							160M	323	285	105											210	740	190	190	440	490	4-M20	37	1051	204
		✓	✓	5.5							132S	239	227	61											909	144								
		✓	✓	7.5							132S	239	227	65											909	148								
		✓	✓	11							160M	323	285	105											210	740	190	190	440	490	4-M16	24	1051	203
		✓	✓	15							160M	323	285	120											1051	221								
		✓	✓	18.5							160L	345	307	135											1095	238								
32-200	2	✓		7.5	50	32	80	360	180	37	180M	351.5	320.5	175	210	60	740	190	190	440	490	4-M20	37	3	1115	283								
		✓	✓	11							132S	239	227	65											929	175								
		✓	✓	15							160M	323	285	105											210	740	190	190	440	490	4-M16	24	1051	221
		✓	✓	18.5							160M	323	285	120											1051	221								
		✓	✓	22							160L	345	307	135											1115	283								
		✓	✓	7.5							132S	239	227	65											929	175								
		✓	✓	11							160M	323	285	105											210	740	190	190	440	490	4-M20	37	1071	218
		✓	✓	15							160M	323	285	120											1071	234								
32-250	2	✓		18.5	50	32	100	360	225	46	180M	351.5	320.5	175	230	75	740	190	190	440	490	4-M20	37	3	1115	253								
		✓	✓	22							132S	239	227	65											929	175								
		✓	✓	30							160M	323	285	105											210	740	190	190	440	490	4-M20	37	1115	253
		✓	✓	15							160M	323	285	120											1115	253								
		✓	✓	18.5							160L	345	307	135											1135	292								
		✓	✓	22							180M	351.5	320.5	175											1135	292								
		✓	✓	30							200L	395.5	374.5	240											1233	379								
		✓	✓	45							250	840	205	205											490	540								

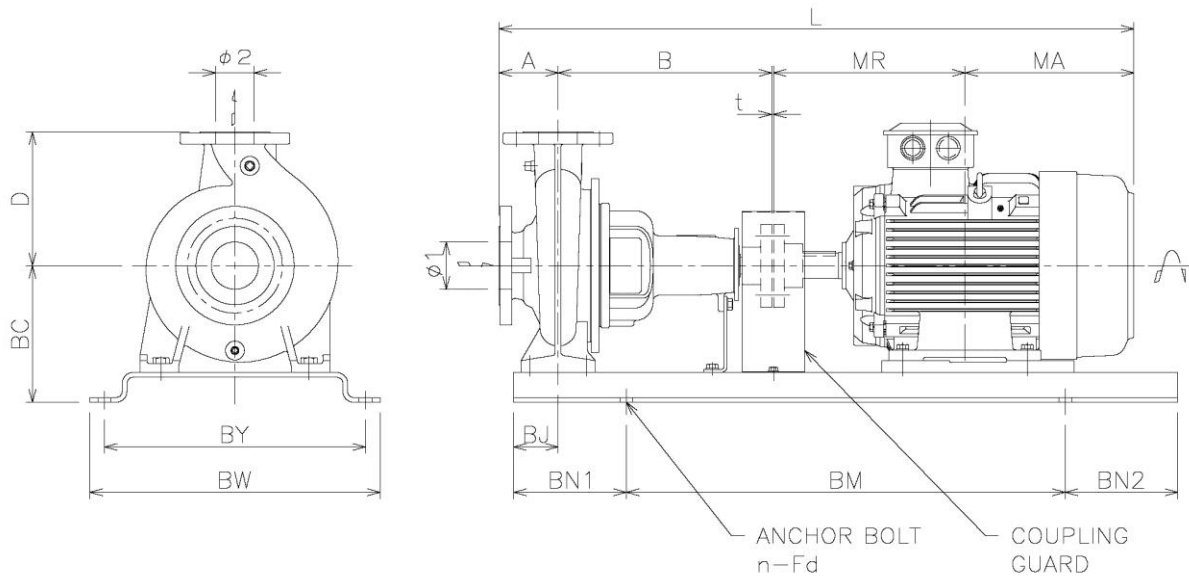
Dimensions (with motor)

Model	Pole	Hz		Power kW	Size			Pump				Motor				Common Base								Total		
		50	60		φ 1	φ 2	A	B	D	Mass (kg)	Frame	MR	MA	Mass (kg)	BC	BJ	BM	BN1	BN2	BY	BW	n-Fd	Mass (kg)	t	L	Mass (kg)
40-125	2	✓		1.5	65	40	80	360	140	29	90S	156	188.5	23	162	60	600	150	150	350	390	4-M16	20	3	787.5	83
		✓		2.2							90L	168.5	201	27											812.5	92
		✓	✓	3							100L	193	199	37.5											835	104
		✓	✓	4							112M	200	212.5	47.5											855.5	114
		✓	✓	5.5							132S	239	227	61											909	134
		✓	✓	7.5							132S	239	227	65											909	138
		✓	✓	11							160M	323	285	105											1095	197
		✓	✓	18.5							160M	323	285	105											1095	197
40-160	2	✓		4	65	40	80	360	160	30	112M	200	212.5	47.5	182	60	600	150	150	350	390	4-M16	24	3	855.5	117
		✓	✓	5.5							132S	239	227	61											909	133
		✓	✓	7.5							132S	239	227	65											909	137
		✓	✓	11							160M	323	285	105											1051	199
		✓	✓	15							160M	323	285	120											1051	215
		✓	✓	18.5							160L	345	307	135											1095	232
		✓	✓	7.5							132S	239	227	65											929	152
		✓	✓	11							160M	323	285	105											1071	206
40-200	2	✓		11	65	40	100	360	180	40	160M	323	285	105	210	60	740	190	190	440	490	4-M16	24	3	929	152
		✓	✓	15							160M	323	285	120											1071	223
		✓	✓	18.5							160L	345	307	135											1115	242
		✓	✓	22							180M	351.5	320.5	175											1135	288
		✓	✓	30							200L	395.5	374.5	240											1135	288
		✓	✓	37							200L	395.5	374.5	270											1233	374
		✓	✓	11							160M	323	285	105											1071	220
		✓	✓	15							160M	323	285	120											1071	237
40-250	2	✓		18.5	65	40	100	360	225	48	160L	345	307	135	230	75	740	190	190	440	490	4-M20	37	3	1115	256
		✓	✓	22							180M	351.5	320.5	175											1135	295
		✓	✓	30							200L	395.5	374.5	240											1233	381
		✓	✓	37							200L	395.5	374.5	270											1233	414
		✓	✓	45							225MA	414.5	396.5	315											1274	499
		✓	✓	55							250MA	482.5	438.5	405											1384	620
		✓	✓	11							160M	323	285	105											1071	220
		✓	✓	15							160M	323	285	120											1071	237
50-125	2	✓		3	65	50	100	360	160	34	90L	168.5	201	27	182	60	600	150	150	350	390	4-M16	24	3	855	110
		✓	✓	4							112M	200	212.5	47.5											875.5	121
		✓	✓	5.5							132S	239	227	61											929	136
		✓	✓	7.5							132S	239	227	65											929	140
		✓	✓	11							160M	323	285	105											1071	201
		✓	✓	15							160M	323	285	120											1071	216
		✓	✓	5.5							132S	239	227	61											929	139
		✓	✓	7.5							132S	239	227	65											929	143
50-160	2	✓		11	65	50	100	360	180	33	160M	323	285	105	210	60	600	150	150	350	390	4-M16	24	3	1071	198
		✓	✓	15							160M	323	285	105											1071	198
		✓	✓	18.5							160L	345	307	135											1115	233
		✓	✓	22							160M	323	285	120											1135	279
		✓	✓	30							160L	345	307	135											1135	279
		✓	✓	37							180M	351.5	320.5	175											1233	364
		✓	✓	45							200L	395.5	374.5	240											1233	364
		✓	✓	55							200L	395.5	374.5	270											1233	364
50-200	2	✓		11	65	50	100	360	200	43	160M	323	285	105	210	60	740	190	190	440	490	4-M20	37	3	1071	209
		✓	✓	15							160M	323	285	120											1115	244
		✓	✓	18.5							160L	345	307	135											1135	290
		✓	✓	22							180M	351.5	320.5	175											1135	290
		✓	✓	30							200L	395.5	374.5	240											1233	375
		✓	✓	37							200L	395.5	374.5	270											1233	405
		✓	✓	45							225MA	414.5	396.5	315											1274	492
		✓	✓	55							250MA	482.5	438.5	405											1384	621
50-250	2	✓		30	65	50	100	360	225	49	200L	395.5	374.5	240	250	75	840	205	205	490	540	4-M20	45	3	1233	380
		✓	✓	37							200L	395.5	374.5	270											1233	410
		✓	✓	45							225MA	414.5	396.5	315											1274	497
		✓	✓	55							250MA	482.5	438.5	405											1384	621
		✓	✓	11							160M	323	285	105											1071	209
		✓	✓	15							160M	323	285	120											1071	228
		✓	✓	18.5							160L	345	307	135											1115	244
		✓	✓	22							180M	351.5	320.5	175											1135	290
50-315	2	✓		37	65	50	125	470	280	86	200L	395.5	374.5	240	275	75	840	205	205	490	540	4-M20	45	3	1368	428
		✓	✓	45							200L	395.5	374.5	270											1368	458
		✓	✓	55							225MA	414.5	396.5	315											1409	534
		✓	✓	75							250MA	482.5	438.5	405											1520	658
		✓	✓	90							280SA	514	523.5	515											1636.5	820
		✓	✓	11							160M	323	285	105											1071	209
		✓	✓	15							160M	323	285	120											1071	228
		✓	✓	18.5							160L	345	307	135											1115	244
✓	✓	22	180M	351.5	320.5	175	1135	290																		
✓	✓	30	200L	395.5	374.5	240	1233	375																		
✓	✓	37	200L	395.5	374.5	270	1233	405																		
✓	✓	45	225MA	414.5	396.5	315	1274	492																		
✓	✓	55	250MA	482.5	438.5	405	1384	621																		
✓	✓	75	280SA	514	523.5	515	1636.5	820																		
✓	✓	90	280MA	539.5	548	552	1686.5	860																		

Dimensions (with motor)

Model	Pole	Hz		Power kW	Size		Pump				Motor				Common Base								Total			
		50	60		φ 1	φ 2	A	B	D	Mass (kg)	Frame	MR	MA	Mass (kg)	BC	BJ	BM	BN1	BN2	BY	BW	n-Fd	Mass (kg)	t	L	Mass (kg)
65-125	2	✓		4	80	65	100	360	180	37	112M	200	212.5	47.5	210	75	660	170	170	400	450	4-M20	30	3	875.5	135
		132S	239	227							61	929	150													
		132S	239	227							65	1071	202													
		160M	323	285							105	1115	237													
		160M	323	285							120	1135	283													
		160L	345	307							135	1135	283													
		160L	345	307							135	1135	283													
		180M	351.5	320.5							175	1135	283													
65-160	2	✓		7.5	80	65	100	360	200	43	132S	239	227	65	210	75	660	170	170	400	450	4-M20	30	3	929	161
		160M	323	285							105	1071	209													
		160M	323	285							120	1115	228													
		160L	345	307							135	1115	244													
		180M	351.5	320.5							175	1135	290													
		200L	395.5	374.5							240	1135	290													
		200L	395.5	374.5							240	1233	376													
		200L	395.5	374.5							270	1233	409													
65-200	2	✓		11	80	65	100	360	225	45	160M	323	285	105	230	75	740	190	190	440	490	4-M20	37	3	1071	216
		160M	323	285							120	1115	251													
		160L	345	307							135	1135	290													
		180M	351.5	320.5							175	1233	376													
		200L	395.5	374.5							240	1233	406													
		200L	395.5	374.5							270	1233	406													
		225MA	414.5	396.5							315	1274	493													
		250MA	482.5	438.5							405	1384	617													
65-250	2	✓		22	80	65	100	470	250	72	180M	351.5	320.5	175	275	90	940	230	230	550	610	4-M24	75	3	1245	367
		200L	395.5	374.5							240	1343	436													
		200L	395.5	374.5							270	1343	466													
		225MA	414.5	396.5							315	1384	522													
		250MA	482.5	438.5							405	1495	646													
		280SA	514	523.5							515	1611.5	808													
		280MA	539.5	548							552	1661.5	848													
		315SA	559	657							800	1661.5	848													
65-315	2	✓		55	80	65	125	470	280	89	250MA	482.5	438.5	405	380	90	1060	270	270	600	660	4-M24	92	4	1520	662
		280SA	514	523.5							515	1636.5	824													
		280MA	539.5	548							552	1686.5	865													
		315SA	559	657							800	1686.5	865													
		315MA	584.5	681.5							900	1686.5	865													
		160M	323	285							105	1096	219													
		160M	323	285							120	1140	255													
		160L	345	307							135	1160	294													
80-160	2	✓		15	100	80	125	360	225	48	180M	351.5	320.5	175	230	75	740	190	190	440	490	4-M20	37	3	1096	238
		160M	323	285							120	1140	255													
		160L	345	307							135	1160	294													
		180M	351.5	320.5							175	1258	379													
		200L	395.5	374.5							240	1258	409													
		200L	395.5	374.5							270	1258	409													
		225MA	414.5	396.5							315	1299	496													
		250MA	482.5	438.5							405	1408.5	620													
80-200	2	✓		22	100	80	125	470	250	67	180M	351.5	320.5	175	275	75	840	205	205	490	540	4-M20	45	3	1270	323
		200L	395.5	374.5							240	1368	433													
		200L	395.5	374.5							270	1409	517													
		225MA	414.5	396.5							315	1520	641													
		250MA	482.5	438.5							405	1636.5	802													
		280SA	514	523.5							515	1686.5	843													
		280MA	539.5	548							552	1686.5	843													
		315MA	584.5	681.5							900	1686.5	843													
80-250	2	✓		45	100	80	125	470	280	77	225MA	414.5	396.5	315	300	90	940	230	230	550	610	4-M24	75	3	1409	527
		250MA	482.5	438.5							405	1520	652													
		280SA	514	523.5							515	1636.5	813													
		280MA	539.5	548							552	1686.5	854													
		315SA	559	657							800	1686.5	854													
		315MA	584.5	681.5							900	1686.5	854													
		280MA	539.5	548							552	1686.5	854													
		315SA	559	657							800	1686.5	854													
80-315L	2	✓		90	100	80	125	470	315	112	280MA	539.5	548	552	380	90	1200	300	300	670	730	4-M24	121	4	1686.5	888
		315SA	559	657							800	1686.5	888													
		315MA	584.5	681.5							900	1686.5	888													
		315LA	610	756							980	1686.5	888													
		315LA	610	756							1100	1686.5	888													

Dimensions (with motor)



Model	Pole	Hz		Power kW	Size			Pump			Motor				Common Base						Total					
		50	60		φ 1	φ 2	A	B	D	Mass (kg)	Frame	MR	MA	Mass (kg)	BC	BJ	BM	BN1	BN2	BY	BW	n-Fd	Mass (kg)	t	L	Mass (kg)
32-125.1	4	✓	✓	0.55	50	32	80	360	140	30	80M	140	153	15	182	60	540	130	130	320	360	4-M16	20	3	736	76
		16.5	77																							
32-125	4	✓	✓	0.55	50	32	80	360	140	27	80M	140	153	15	182	60	540	130	130	320	360	4-M16	20	3	736	74
		16.5	79																							
		22	78.5																							
32-160.1	4	✓	✓	0.55	50	32	80	360	160	28	80M	140	153	15	182	60	600	150	150	350	390	4-M16	24	3	736	80
		16.5	80																							
		22	78.5																							
		24	812.5																							
32-160	4	✓	✓	0.55	50	32	80	360	160	28	80M	140	153	15	182	60	600	150	150	350	390	4-M16	24	3	736	78
		16.5	80																							
		22	78.5																							
		24	812.5																							
32-200.1	4	✓	✓	0.55	50	32	80	360	180	38	80M	140	153	15	210	60	600	150	150	350	390	4-M16	24	3	736	90
		16.5	91																							
		22	78.5																							
		24	812.5																							
32-200	4	✓	✓	0.75	50	32	80	360	180	37	80M	140	153	16.5	210	60	600	150	150	350	390	4-M16	24	3	736	90
		16.5	91																							
		22	78.5																							
		24	812.5																							
		32	835																							
32-250	4	✓	✓	0.75	50	32	100	360	225	46	80M	140	153	16.5	230	75	740	190	190	440	490	4-M20	37	3	875.5	115
		16.5	121																							
		22	807.5																							
		24	832.5																							
		32	855																							
		4	142																							

Dimensions (with motor)

Model	Pole	Hz		Power kW	Size			Pump				Motor				Common Base								Total		
		50	60		φ 1	φ 2	A	B	D	Mass (kg)	Frame	MR	MA	Mass (kg)	BC	BJ	BM	BN1	BN2	BY	BW	n-Fd	Mass (kg)	t	L	Mass (kg)
40-125	4	✓	✓	0.55	65	40	80	360	140	29	80M	140	153	15	162	60	540	130	130	320	360	4-M16	20	3	736	74
		80M	140	153							16.5	787.5	82													
		90S	156	188.5							22	812.5	90													
		90L	168.5	201							24	812.5	88													
40-160	4	✓	✓	0.55	65	40	80	360	160	30	80M	140	153	15	182	60	600	150	150	350	390	4-M16	24	3	736	80
		80M	140	153							16.5	787.5	88													
		90S	156	188.5							22	812.5	90													
		90L	168.5	201							24	835	100													
		100L	193	199							32	835	107													
		100L	193	199							37.5	807.5	100													
40-200	4	✓	✓	1.1	65	40	100	360	180	40	90S	156	188.5	22	210	60	600	150	150	350	390	4-M16	24	3	832.5	102
		90L	168.5	201							24	855	121													
		100L	193	199							32	875.5	134													
		100L	193	199							37.5	929	150													
		112M	200	212.5							47.5	832.5	125													
		132S	239	227							64	832.5	102													
40-250	4	✓	✓	1.5	65	40	100	360	225	48	90L	168.5	201	24	230	75	740	190	190	440	490	4-M20	37	3	855	136
		100L	193	199							32	875.5	158													
		100L	193	199							37.5	929	176													
		112M	200	212.5							47.5	967	190													
		132S	239	227							64	832.5	125													
		132M	258	246							78	832.5	106													
50-125	4	✓	✓	0.55	65	50	100	360	160	34	80M	140	153	15	182	60	600	150	150	350	390	4-M16	24	3	756	84
		80M	140	153							16.5	807.5	86													
		90S	156	188.5							22	832.5	94													
		90L	168.5	201							24	855	104													
50-160	4	✓	✓	0.75	65	50	100	360	180	33	80M	140	153	15	210	60	600	150	150	350	390	4-M16	24	3	756	84
		80M	140	153							16.5	807.5	92													
		90S	156	188.5							22	832.5	95													
		90L	168.5	201							24	855	104													
		100L	193	199							32	875.5	111													
		100L	193	199							37.5	875.5	125													
50-200	4	✓	✓	1.1	65	50	100	360	200	43	90S	156	188.5	22	210	60	600	150	150	350	390	4-M16	24	3	807.5	103
		90L	168.5	201							24	832.5	106													
		100L	193	199							32	855	115													
		100L	193	199							37.5	875.5	136													
		112M	200	212.5							47.5	929	153													
		132S	239	227							64	855	137													
50-250	4	✓	✓	1.5	65	50	100	360	225	49	100L	193	199	32	230	75	740	190	190	440	490	4-M20	37	3	875.5	159
		100L	193	199							37.5	929	176													
		112M	200	212.5							47.5	967	191													
		132S	239	227							64	1071	223													
		132M	258	246							78	1010.5	199													
		160M	323	285							105	1064	219													
50-315	4	✓	✓	2.2	65	50	125	470	280	86	100L	193	199	32	275	75	740	190	190	440	490	4-M20	37	3	1102	236
		100L	193	199							37.5	1206	279													
		112M	200	212.5							47.5	1250	307													
		132S	239	227							64	1270	353													
		132M	258	246							78	1308	372													
		160M	323	285							105															
160L	345	307	130																							
180M	351.5	320.5	175																							
180L	351.5	320.5	190																							

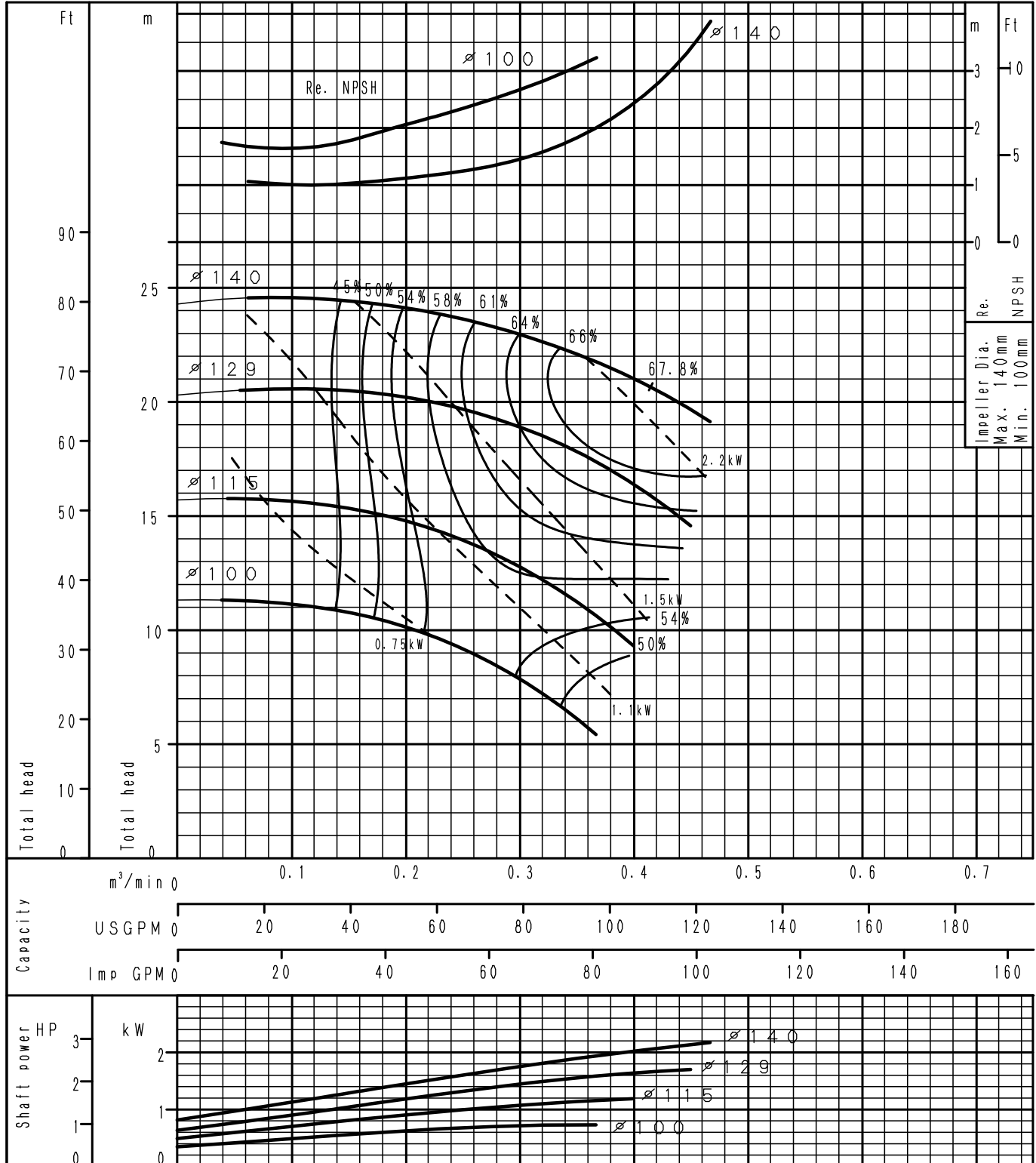
Dimensions (with motor)

Model	Pole	Hz		Power	Size		Pump				Motor				Common Base								Total					
		50	60	kW	φ 1	φ 2	A	B	D	Mass (kg)	Frame	MR	MA	Mass (kg)	BC	BJ	BM	BN1	BN2	BY	BW	n-Fd	Mass (kg)	t	L	Mass (kg)		
65-125	4	✓		0.55	80	65	100	360	180	37	80M	140	153	15	210	75	660	170	170	400	450	4-M20	30	3	756	95	807.5	103
				0.75							80M	140	153	16.5											832.5	106		
		✓	✓	1.1							90S	156	188.5	22											855	115		
		✓	✓	1.5							90L	168.5	201	24											885	122		
		✓	✓	2.2							100L	193	199	32														
		✓	✓	3							100L	193	199	37.5														
65-160	4	✓		0.75	80	65	100	360	180	43	80M	140	153	16.5	210	75	660	170	170	400	450	4-M20	30	3	756	103	807.5	109
				1.1							90S	156	188.5	22											832.5	112		
		✓	✓	1.5							90L	168.5	201	24											855	122		
		✓	✓	2.2							100L	193	199	32											875.5	129		
		✓	✓	3							100L	193	199	37.5											929	160		
		✓	✓	4							112M	200	212.5	47.5														
65-200	4	✓		1.5	80	65	100	360	225	45	90L	168.5	201	24	230	75	740	190	190	440	490	4-M20	37	3	832.5	122	855	132
				2.2							100L	193	199	32											875.5	154		
		✓	✓	3							100L	193	199	37.5											929	172		
		✓	✓	4							112M	200	212.5	47.5											967	187		
		✓	✓	5.5							132S	239	227	64														
		✓	✓	7.5							132M	258	246	78														
65-250	4	✓		3	80	65	100	470	250	72	100L	193	199	37.5	250	90	840	205	205	490	540	4-M20	45	3	965	178	1039	211
				4							112M	200	212.5	47.5											985.5	192		
		✓	✓	5.5							132S	239	227	64											1077	229		
		✓	✓	7.5							132M	258	246	78											1181	259		
		✓	✓	11							160M	323	285	105											1225	287		
		✓	✓	15							160L	345	307	130														
65-315	4	✓		7.5	80	65	125	470	280	89	132M	258	246	78	300	90	940	230	230	550	610	4-M24	75	3	1102	281	1206	315
				11							160M	323	285	105											1250	343		
		✓	✓	15							160L	345	307	130											1270	389		
		✓	✓	18.5							180M	351.5	320.5	175											1308	408		
		✓	✓	22							180L	370.5	339.5	190											1368	484		
		✓	✓	30							200L	395.5	374.5	255														
80-160	4	✓		1.1	100	80	125	360	225	48	90S	156	188.5	22	230	75	740	190	190	440	490	4-M20	37	3	832.5	123	857.5	126
				1.5							90L	168.5	201	24											880	135		
		✓	✓	2.2							100L	193	199	32											900.5	158		
		✓	✓	3							100L	193	199	37.5											954	175		
		✓	✓	4							112M	200	212.5	47.5											992	190		
		✓	✓	5.5							132S	239	227	64														
80-200	4	✓		1.1	100	80	125	470	250	67	100L	193	199	32	230	75	740	190	190	440	490	4-M20	37	3	990	159	1010.5	179
				3							100L	193	199	37.5											1064	196		
		✓	✓	4							112M	200	212.5	47.5											1102	211		
		✓	✓	5.5							132S	239	227	64											1206	242		
		✓	✓	7.5							132M	258	246	78											1250	270		
		✓	✓	11							160M	323	285	105														
80-250	4	✓		5.5	100	80	125	470	280	77	160L	345	307	130	275	90	940	230	230	550	610	4-M24	75	3	1064	250	1206	298
				7.5							132M	258	246	78											1250	325		
		✓	✓	11							160M	323	285	105											1270	373		
		✓	✓	15							160L	345	307	130											1308	392		
		✓	✓	18.5							180M	351.5	320.5	175														
		✓	✓	22							180L	370.5	339.5	190														
80-315	4	✓		11	100	80	125	470	315	102	160M	323	285	105	325	90	940	230	230	550	610	4-M24	75	3	1206	332	1250	359
				15							160L	345	307	130											1270	411		
		✓	✓	18.5							180M	351.5	320.5	175											1308	427		
		✓	✓	22							180L	370.5	339.5	190											1368	504		
		✓	✓	30							200L	395.5	374.5	255											1414	565		
		✓	✓	37							225SC	432	384	315											1439	587		
80-400	4	✓		22	100	80	125	530	355	160	225MC	444.5	396.5	330	355	90	940	230	230	550	610	4-M24	92	4	1368	494	1429	574
				30							200L	395.5	374.5	255											1475	635		
		✓	✓	37							225SC	432	384	315											1500	657		
		✓	✓	45							225MC	444.5	396.5	330														
		✓	✓	55							250MC	482.5	438.5	450											1060	270		
		✓	✓	75							280SB	514	523.5	566											1200	300		
✓	✓	90	280MB	539.5	548	624	1200	300																				

Performance Curve

2 Poles

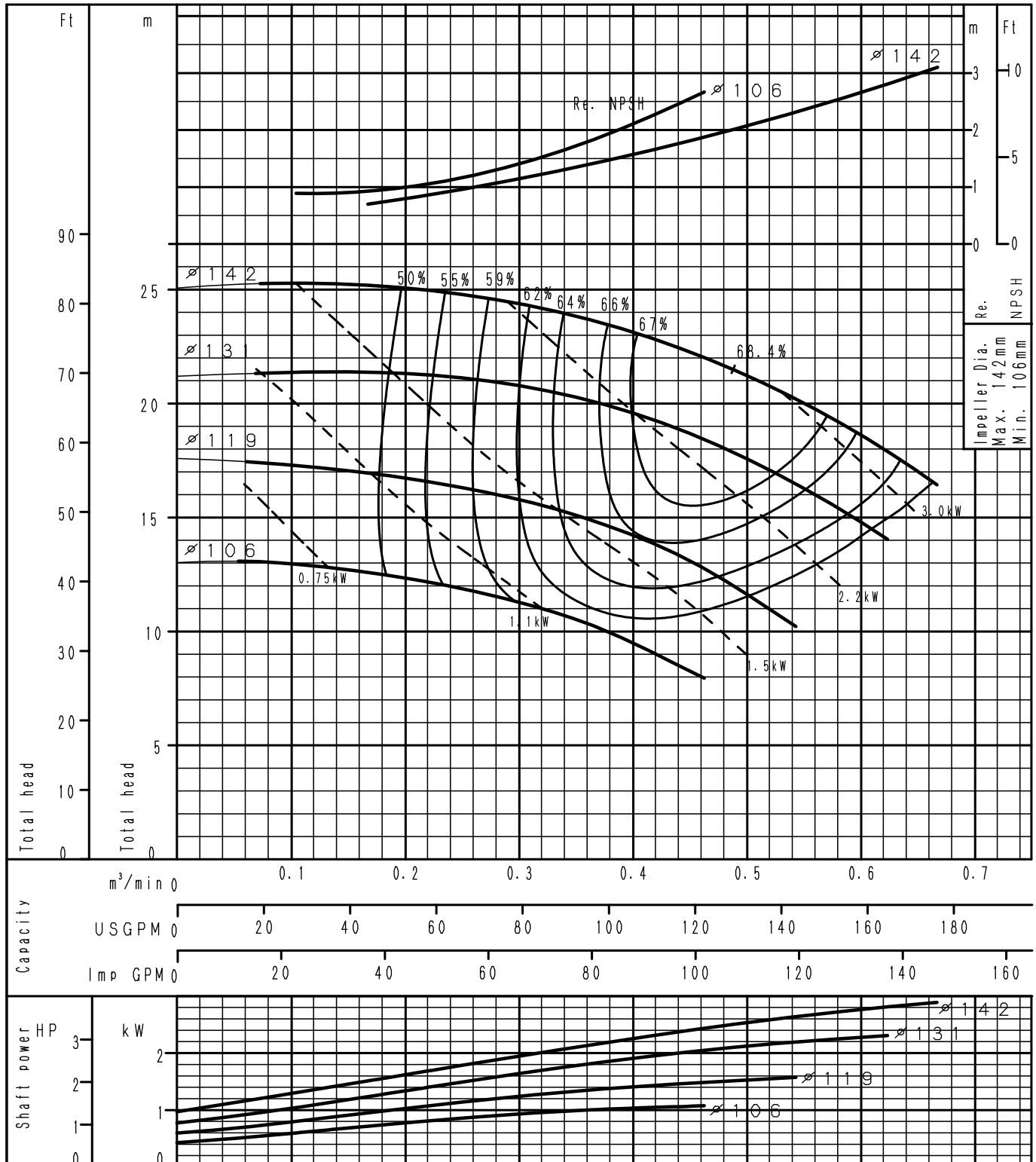
<h1 style="margin: 0;">GSS32-125.1</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

2 Poles

GSS32-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

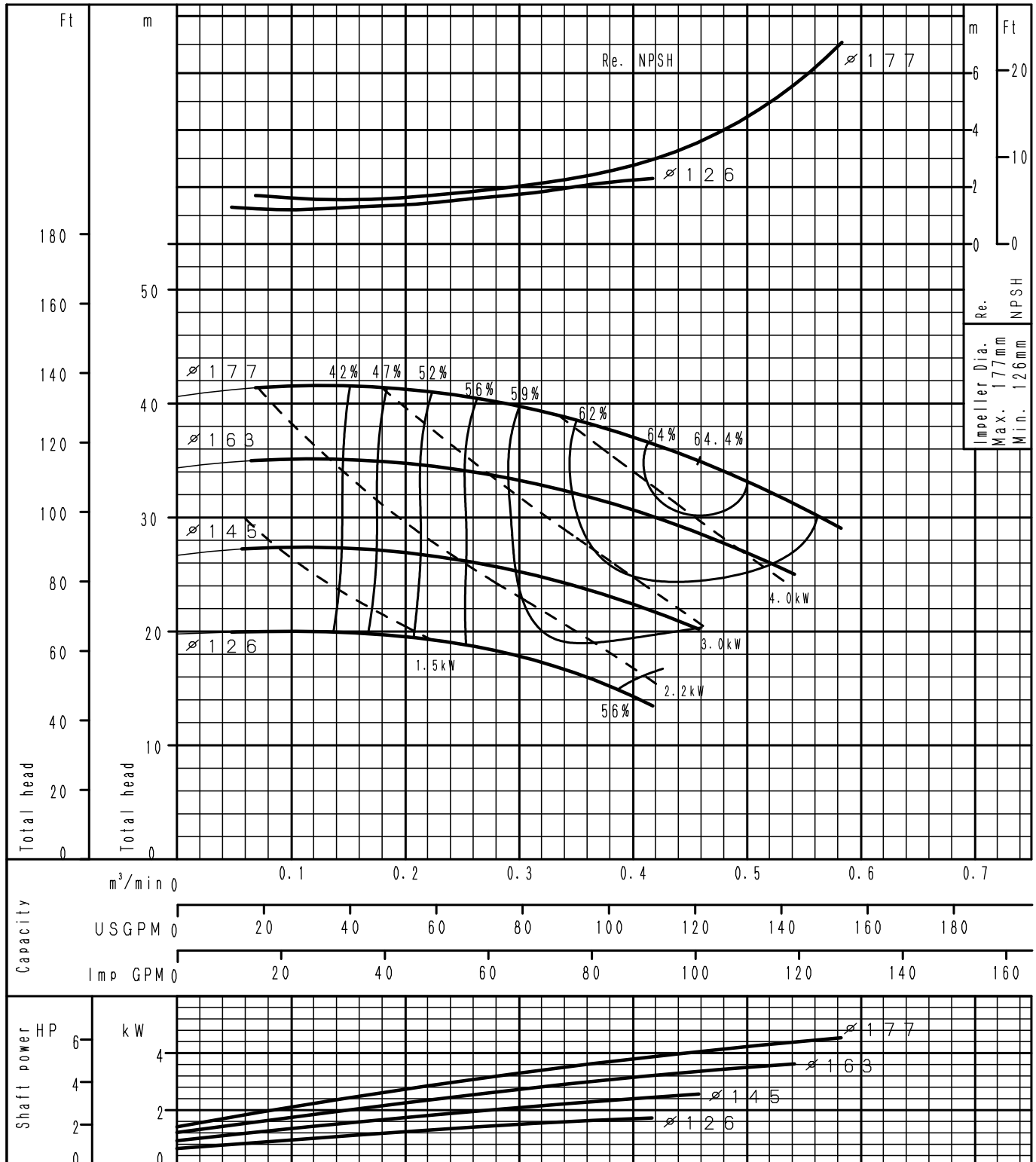


F8-1630797-00

Performance Curve

2 Poles

GSS32-160.1	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



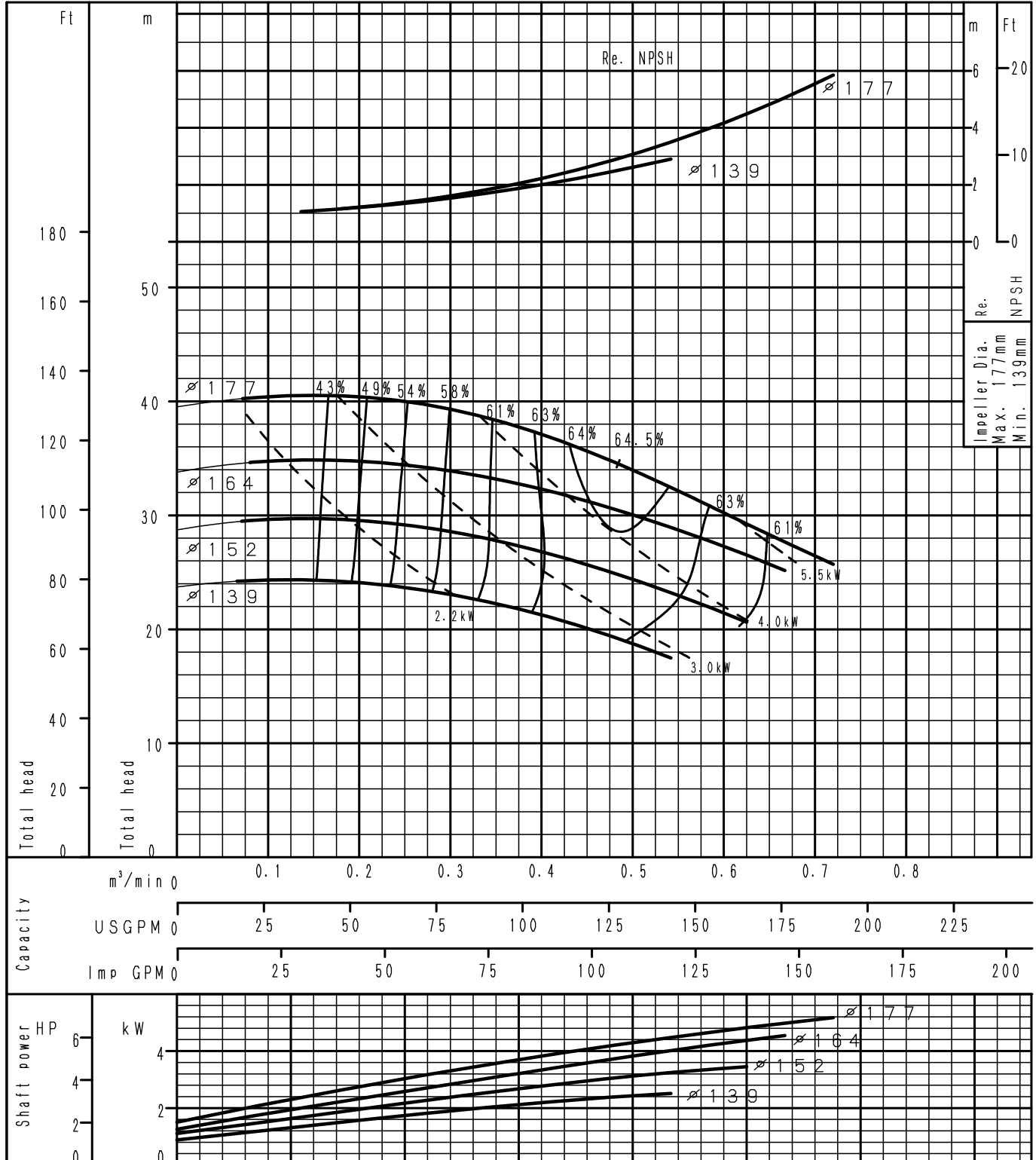
F8-1630798-00



Performance Curve

2 Poles

<h1 style="margin: 0;">GSS32-160</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



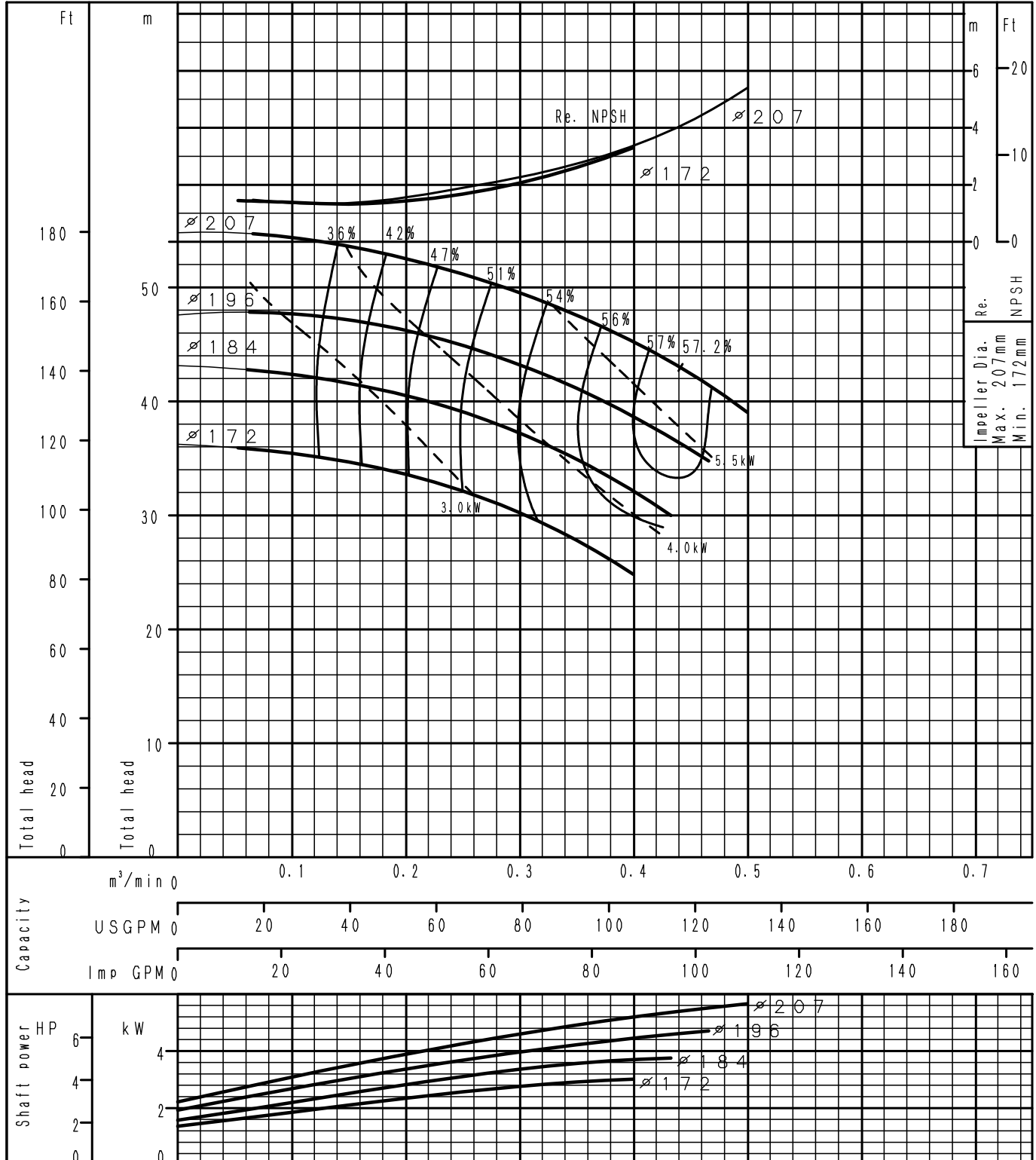
F8-1630799-00



Performance Curve

2 Poles

GSS32-200.1	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

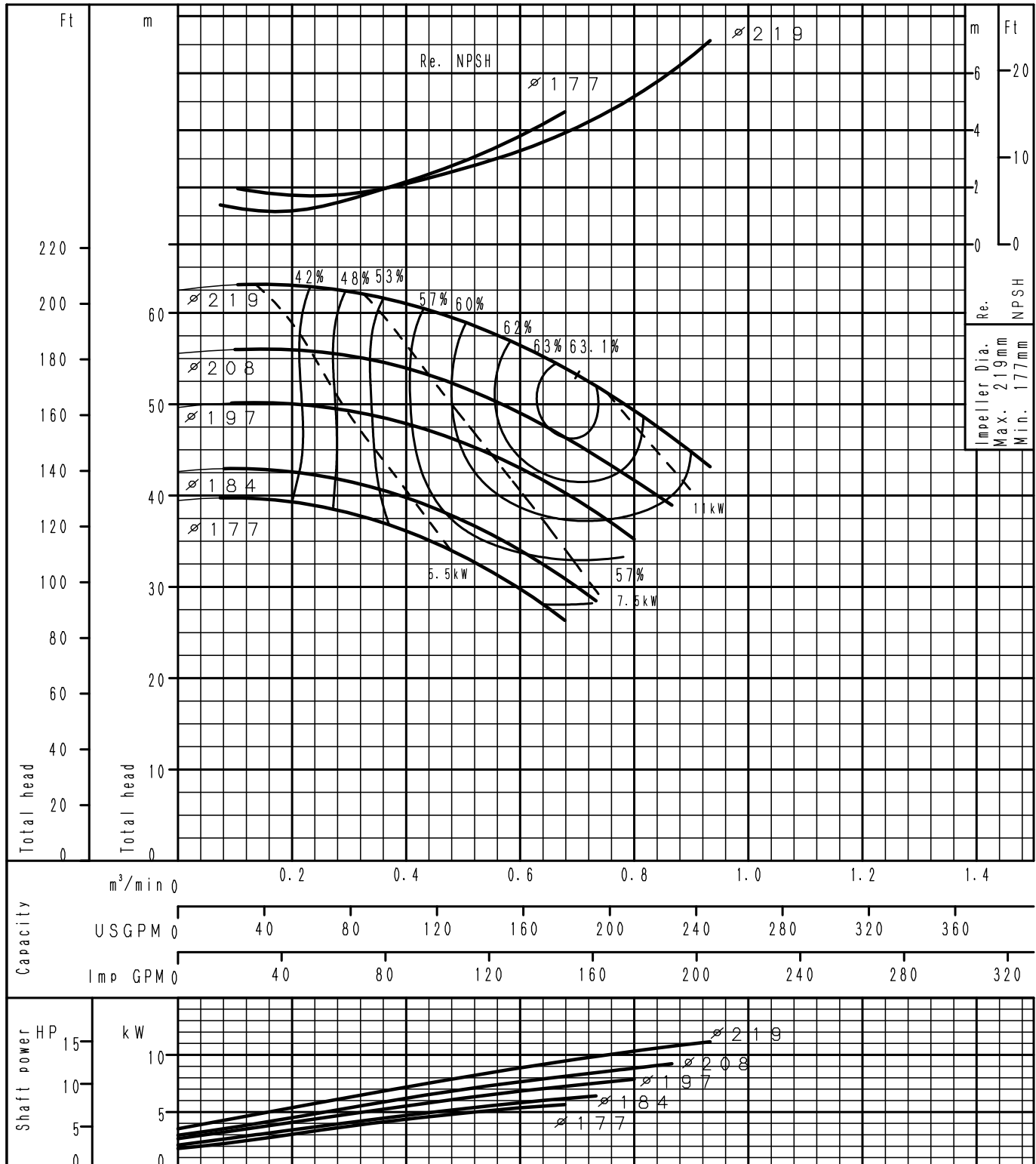


F8-1630800-00

Performance Curve

2 Poles

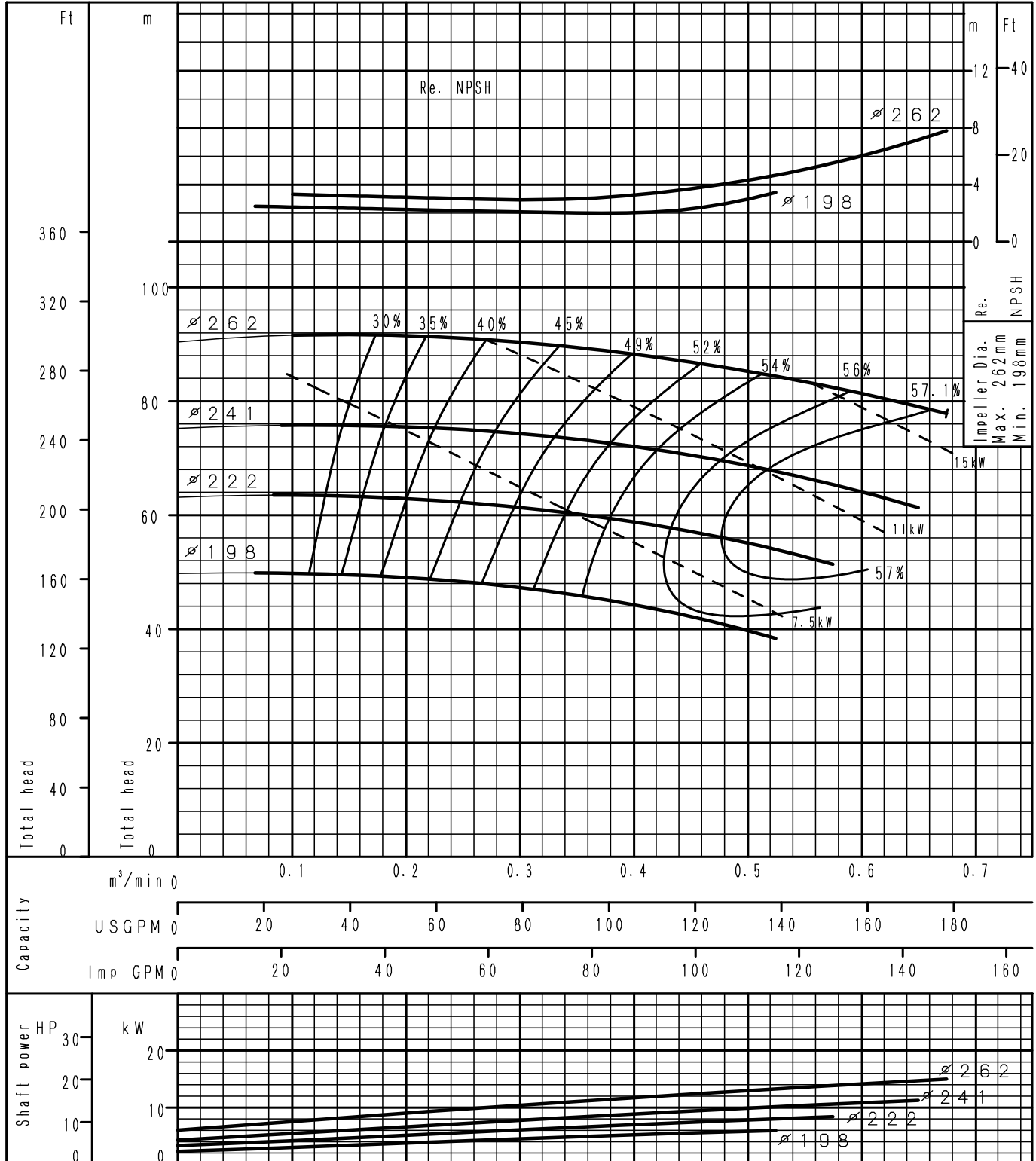
GSS32-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

2 Poles

GSS32-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

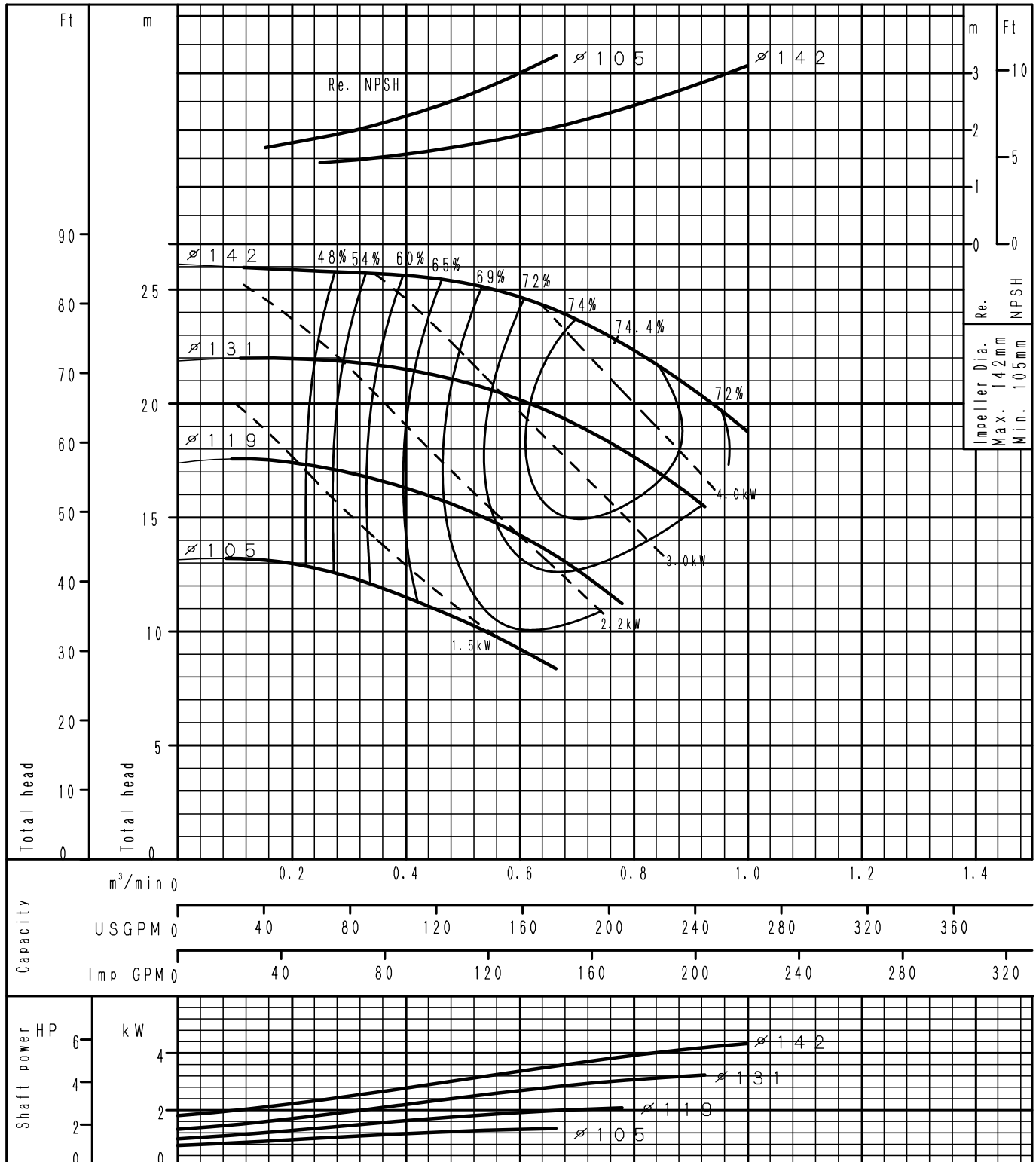


F8-1630802-00

Performance Curve

2 Poles

GSS40-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹) S.G. = 1.0 Vis. = 1.0 cSt	



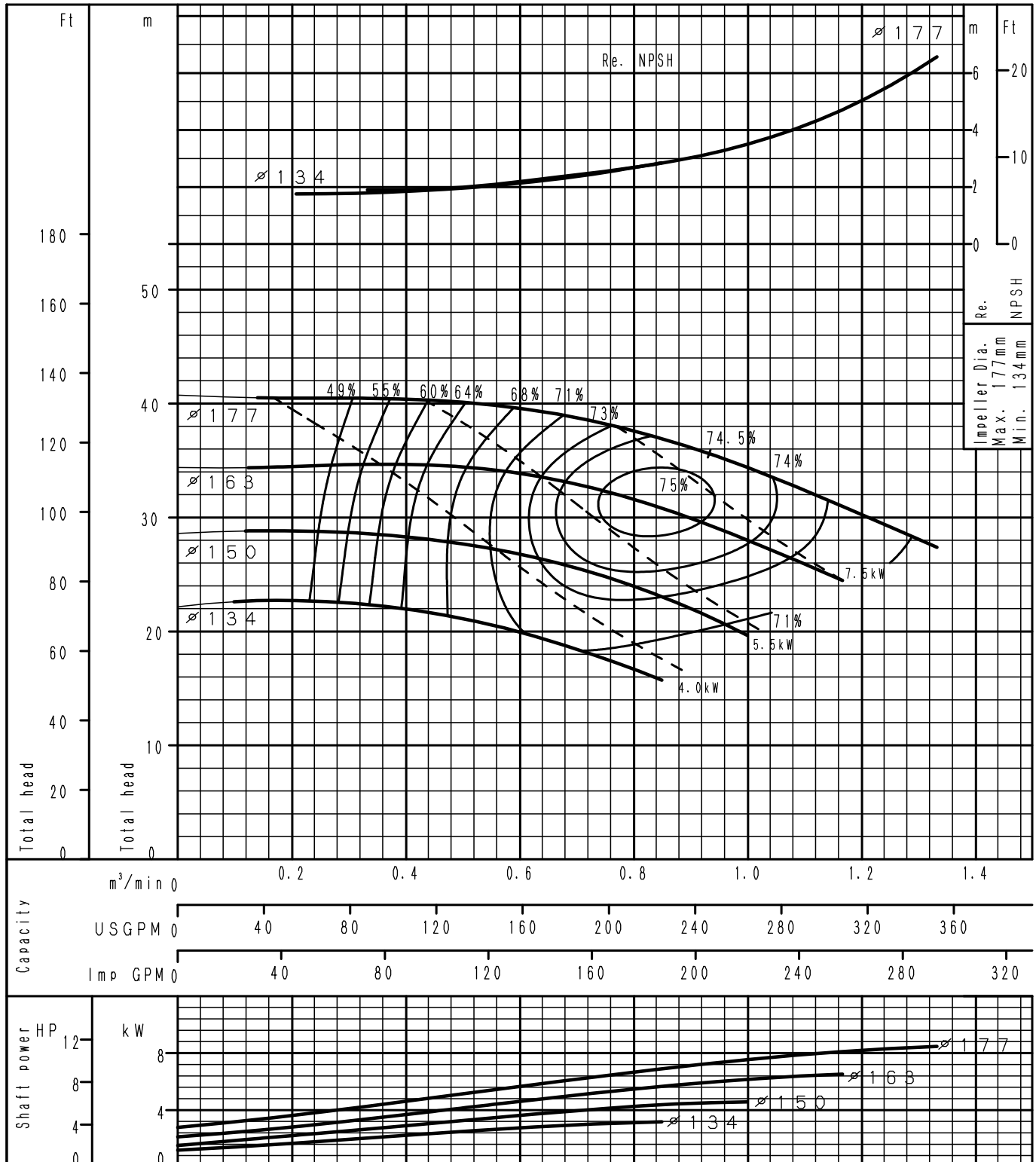
F8-1630803-00



Performance Curve

2 Poles

GSS40-160	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



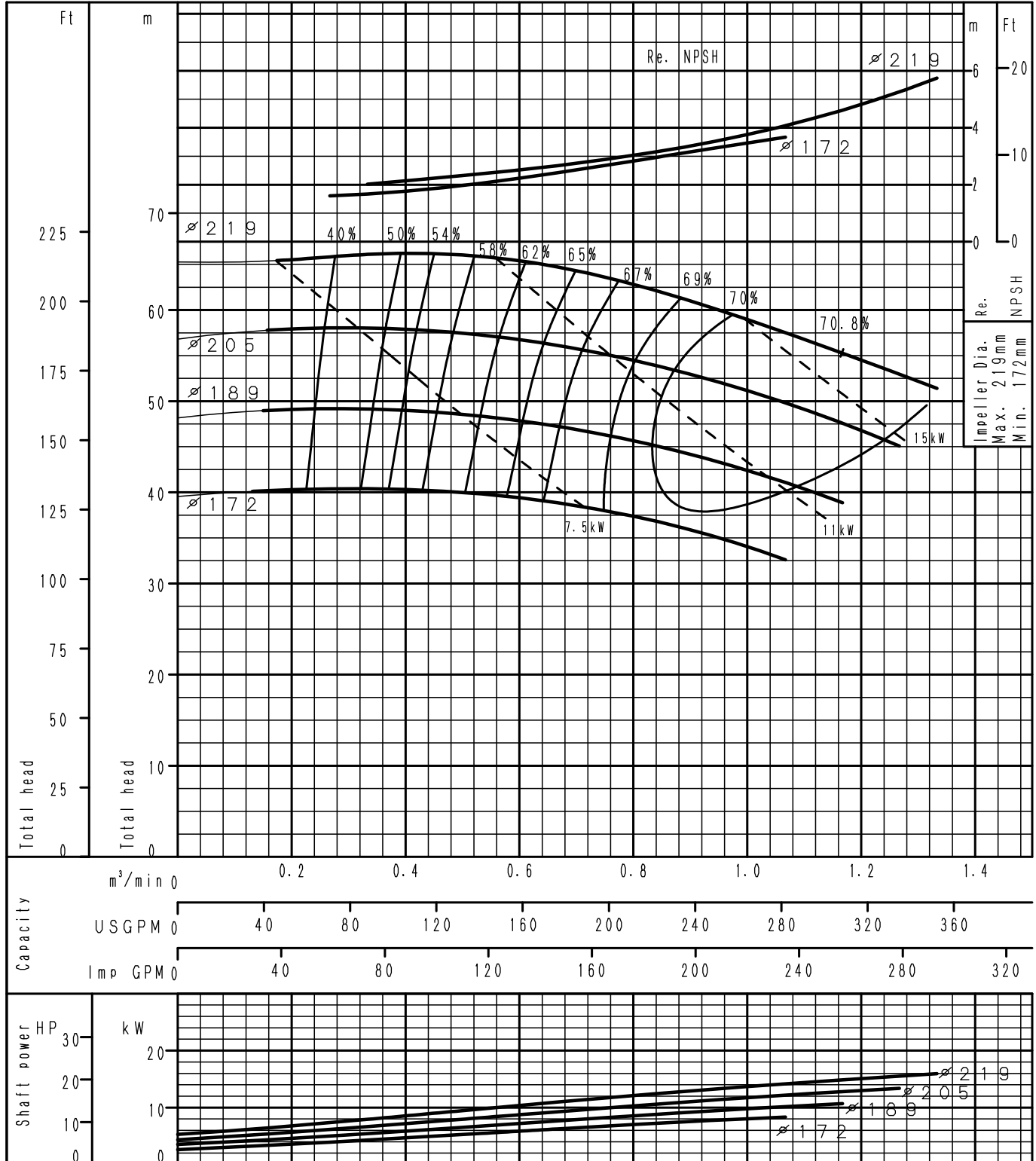
F8-1630804-00



Performance Curve

2 Poles

<h1 style="margin: 0;">GSS40-200</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

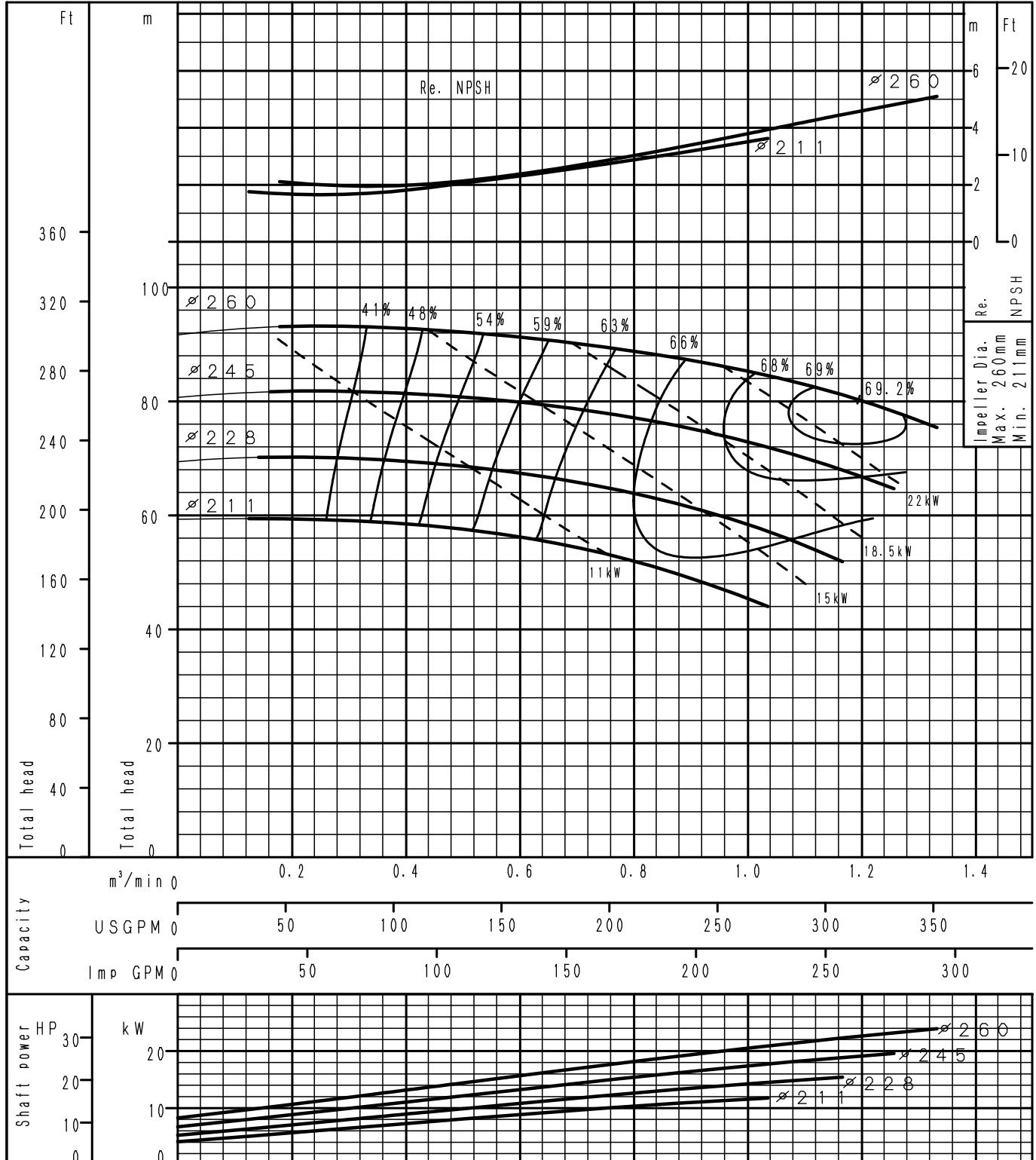


F8-1630805-00

Performance Curve

2 Poles

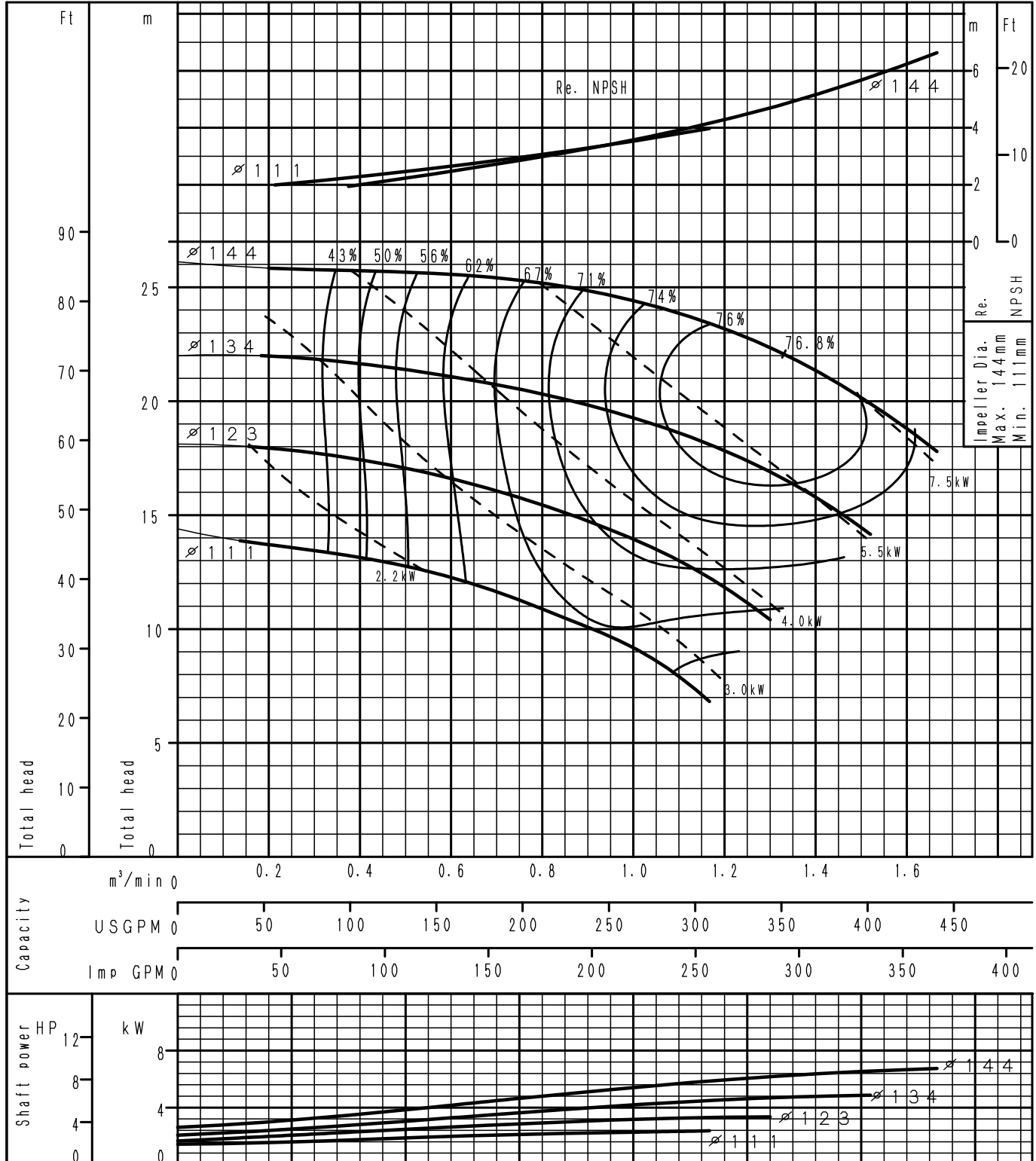
GSS40-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

2 Poles

GSS50-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

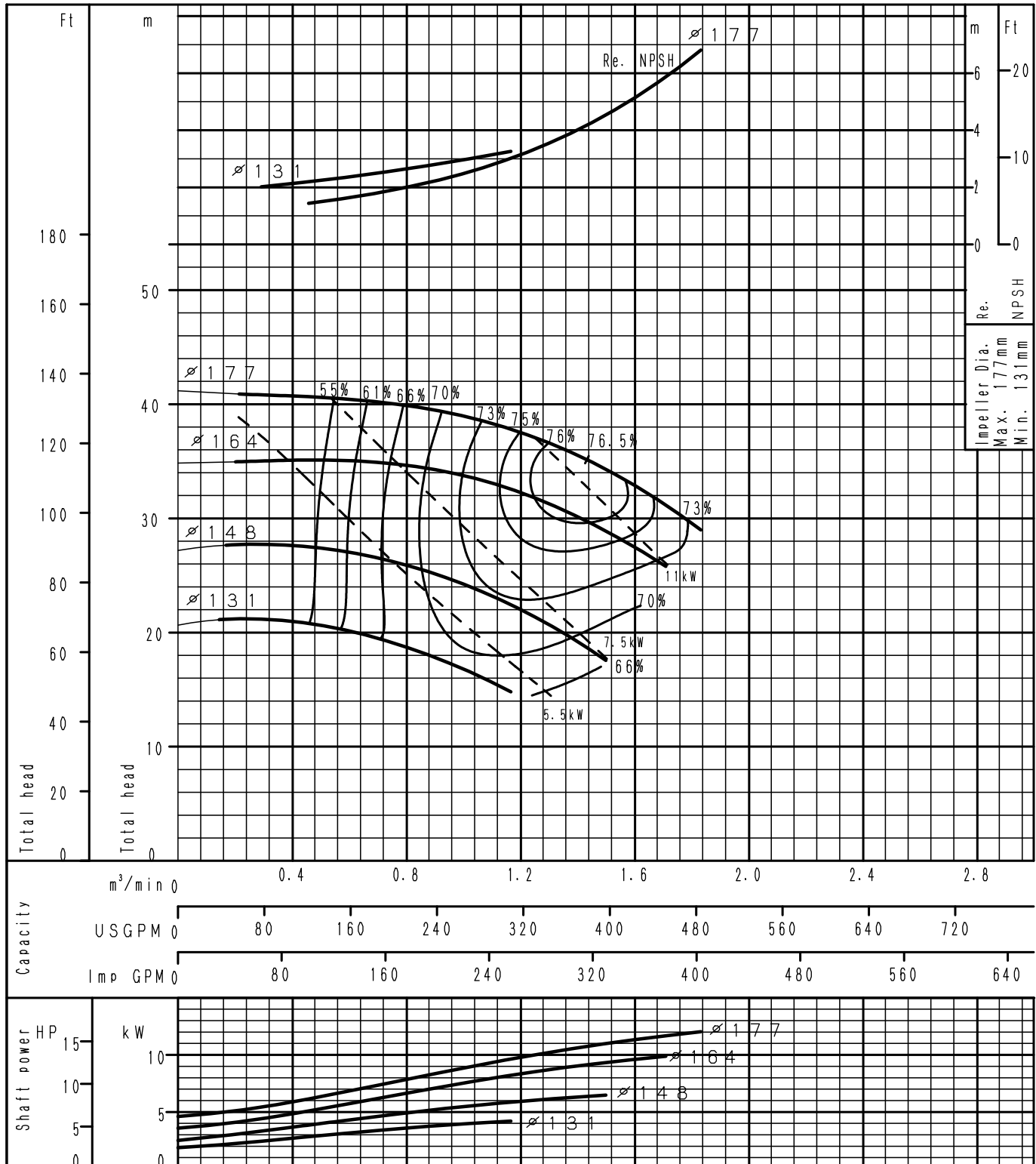


F8-1630807-00

Performance Curve

2 Poles

GSS50-160	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

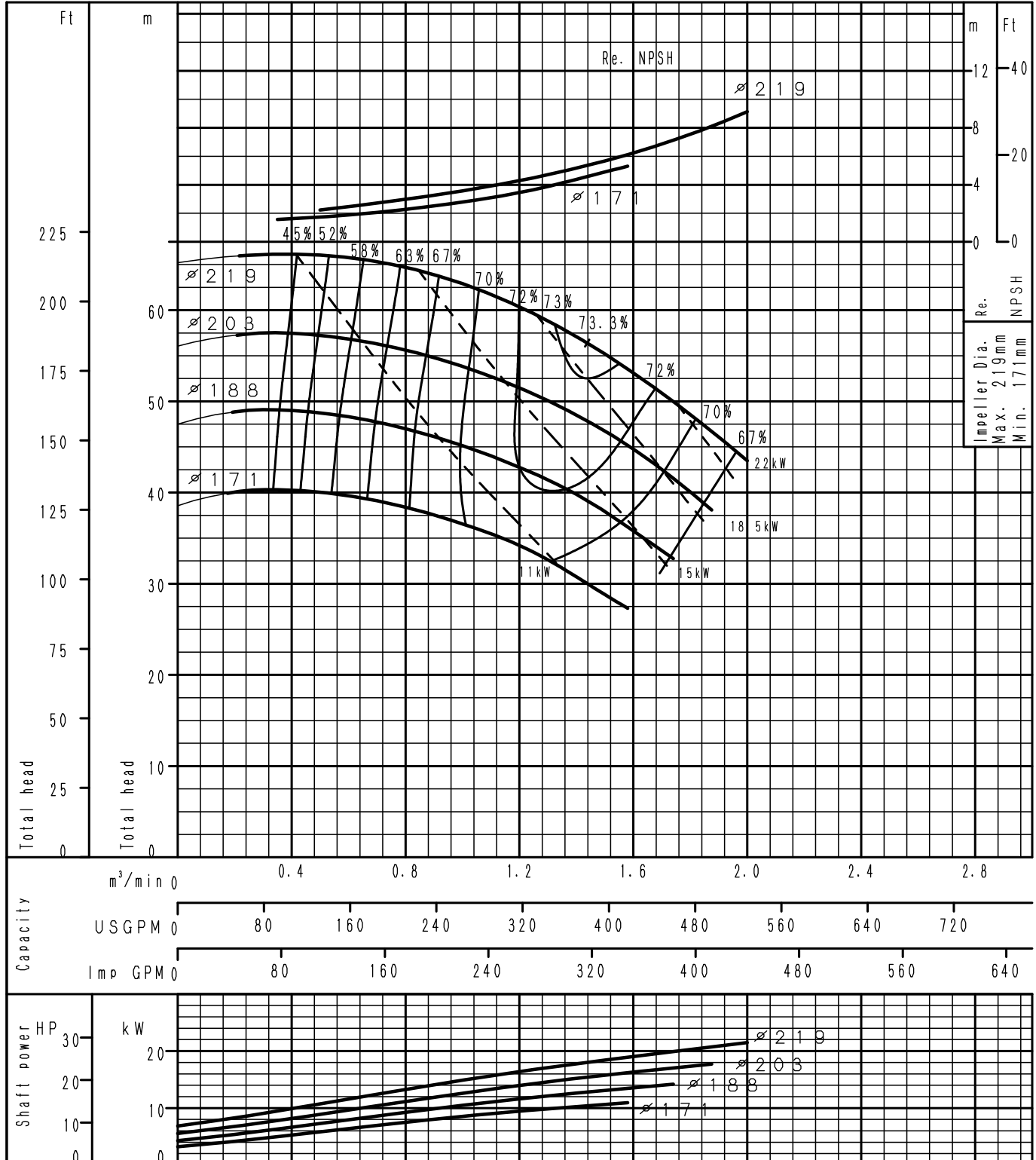


F8-1630808-00

Performance Curve

2 Poles

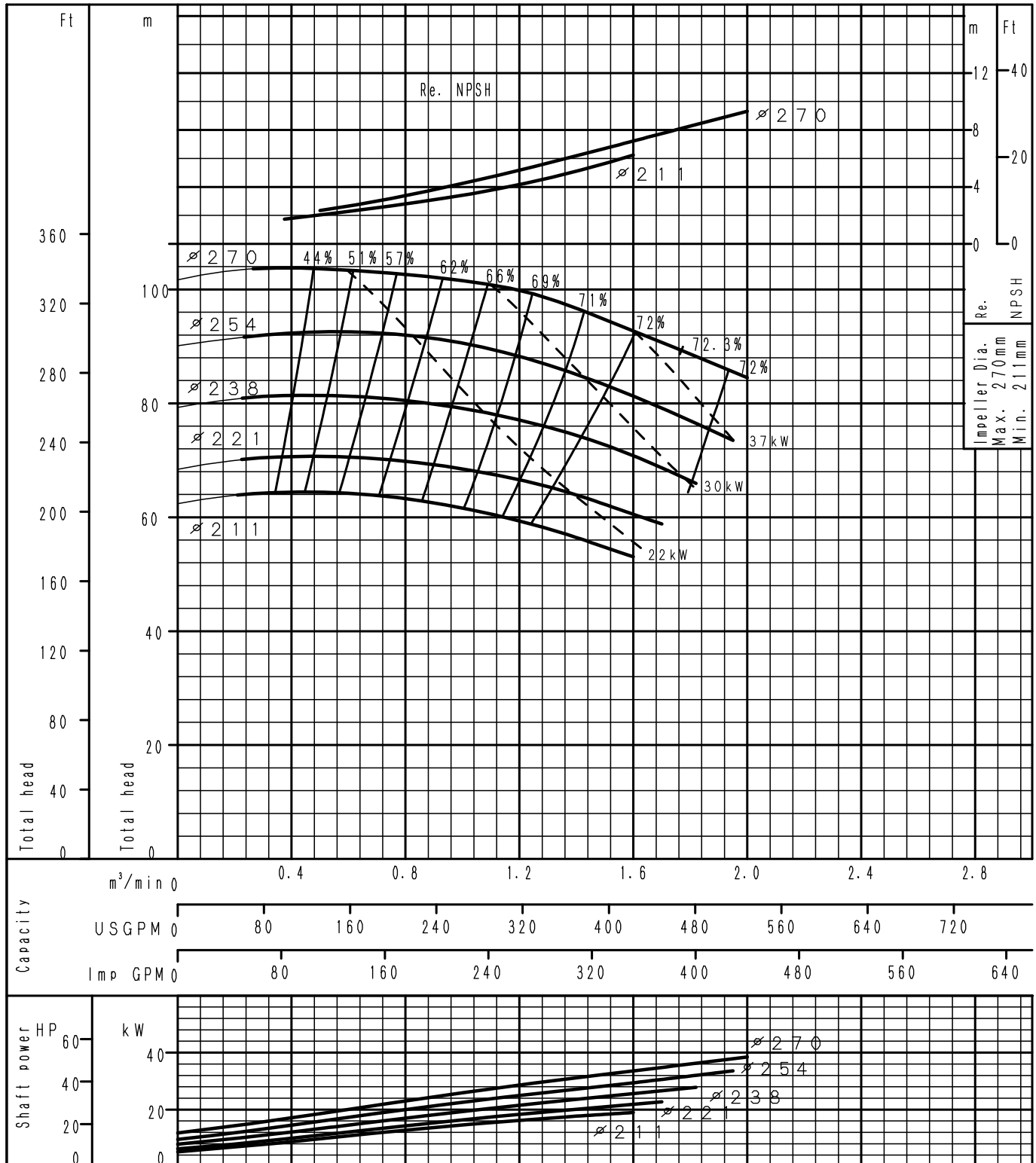
GSS50-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

2 Poles

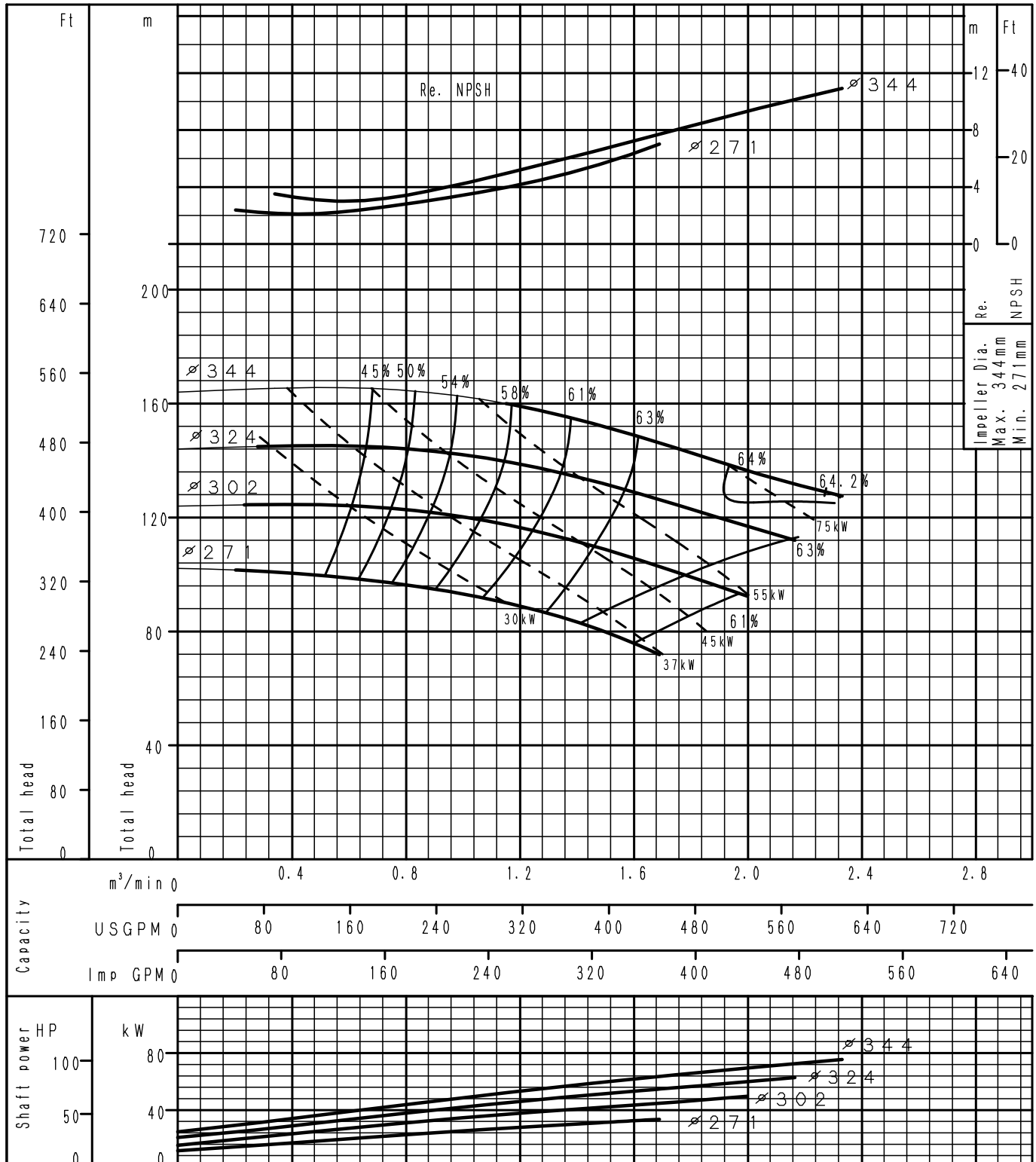
GSS50-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

2 Poles

GSS50-315	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



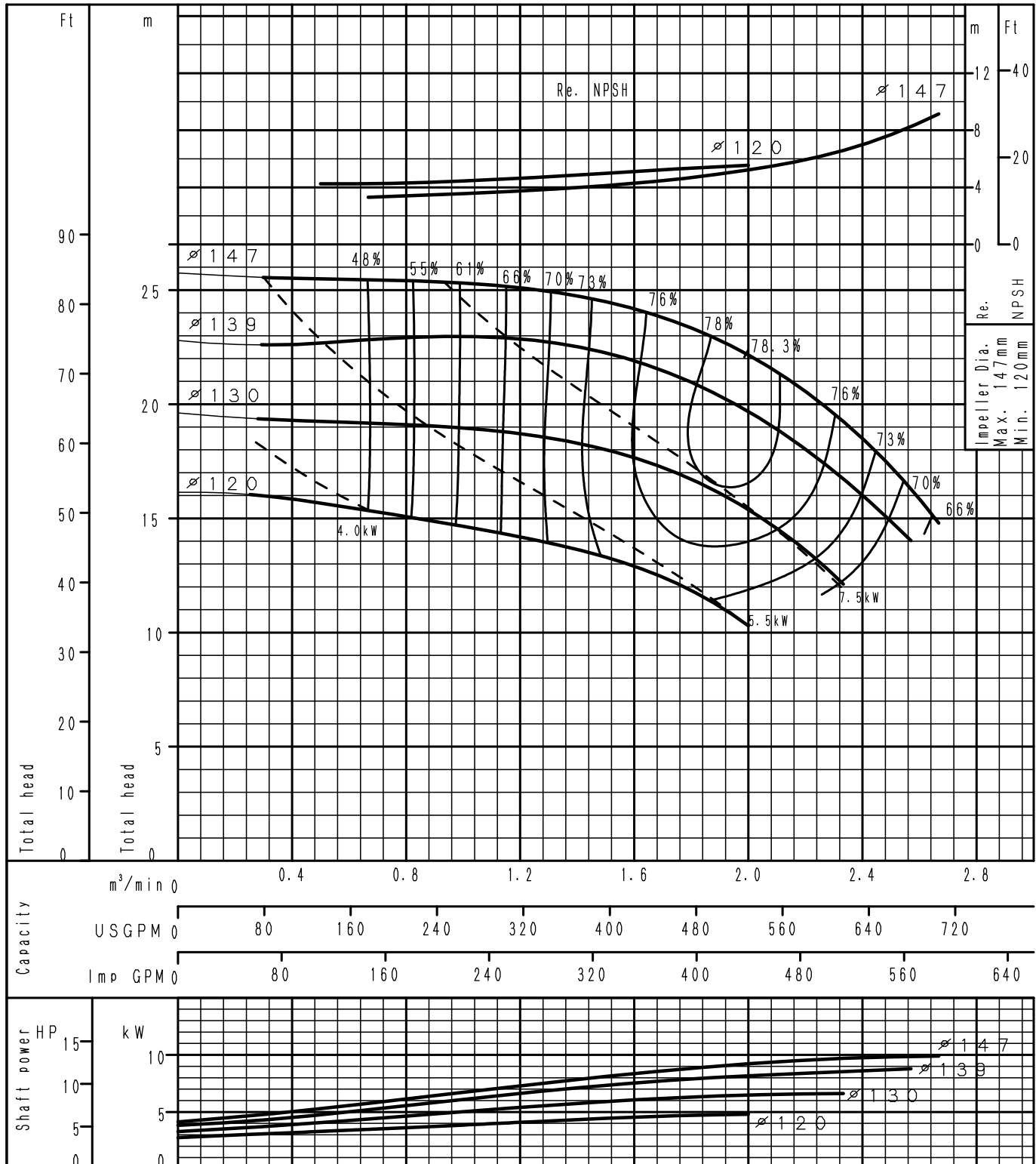
F8-1630811-00



Performance Curve

2 Poles

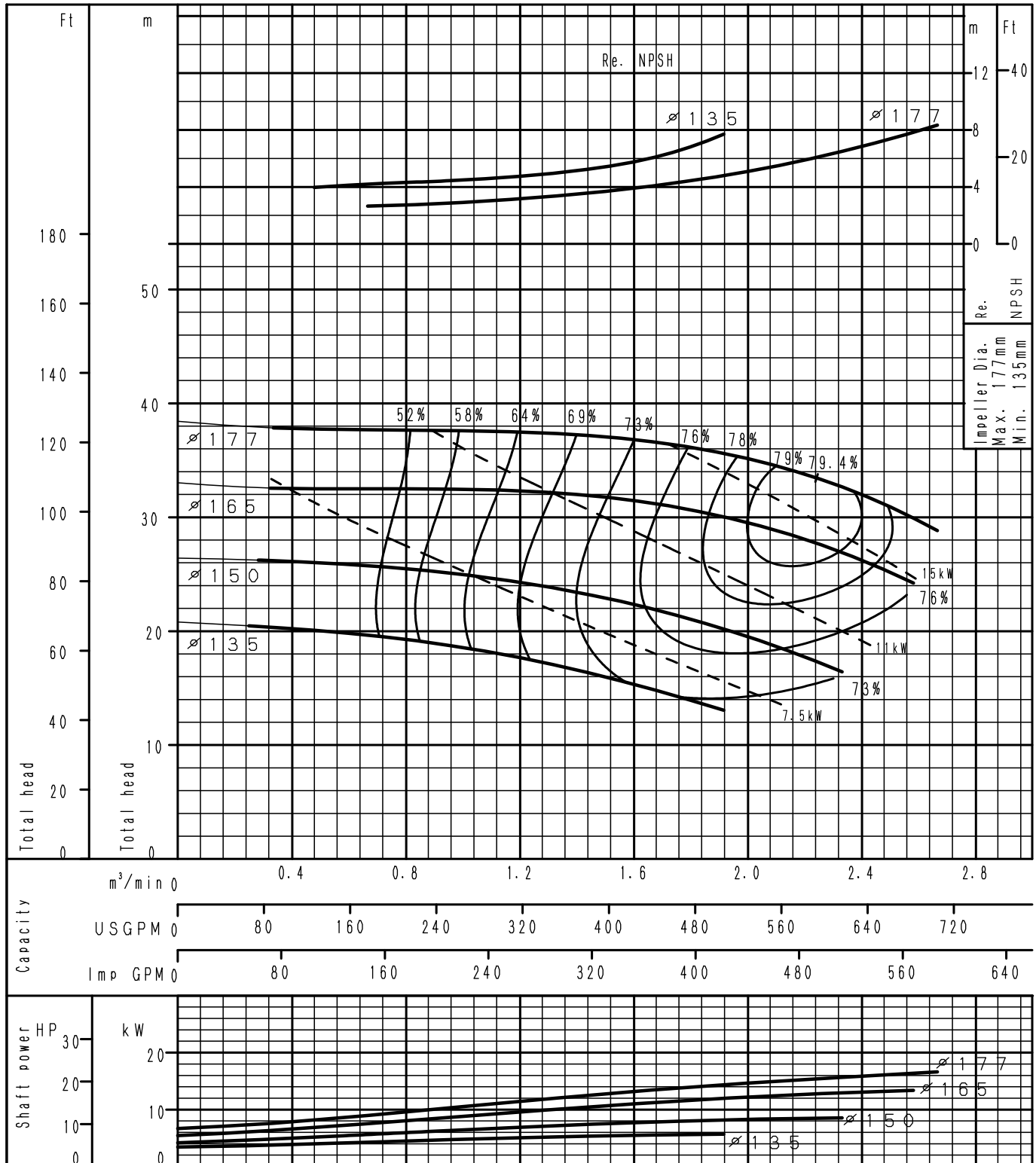
GSS65-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

2 Poles

<h1 style="margin: 0;">GSS65-160</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



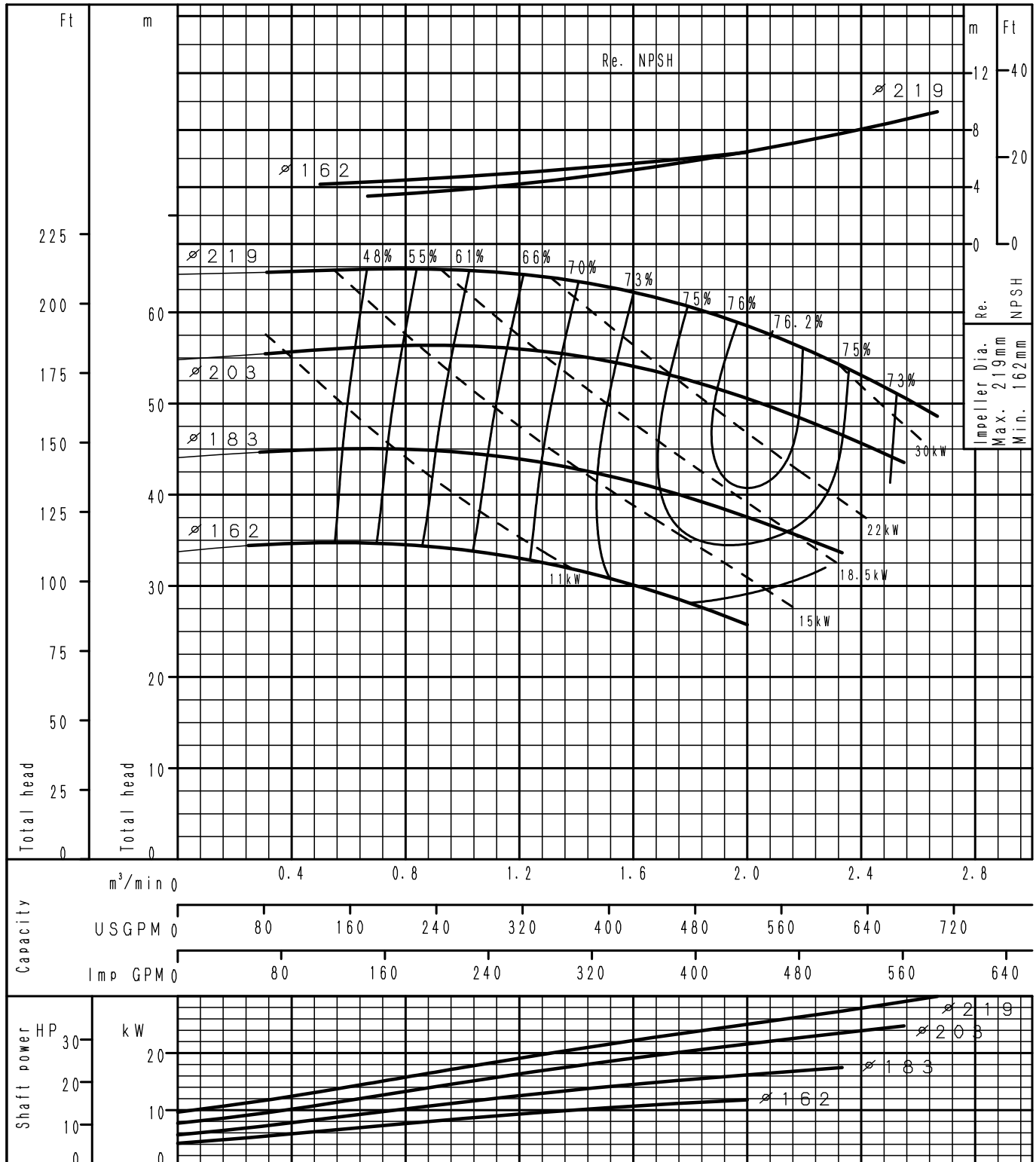
F8-1630813-00



Performance Curve

2 Poles

<h1 style="margin: 0;">GSS65-200</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

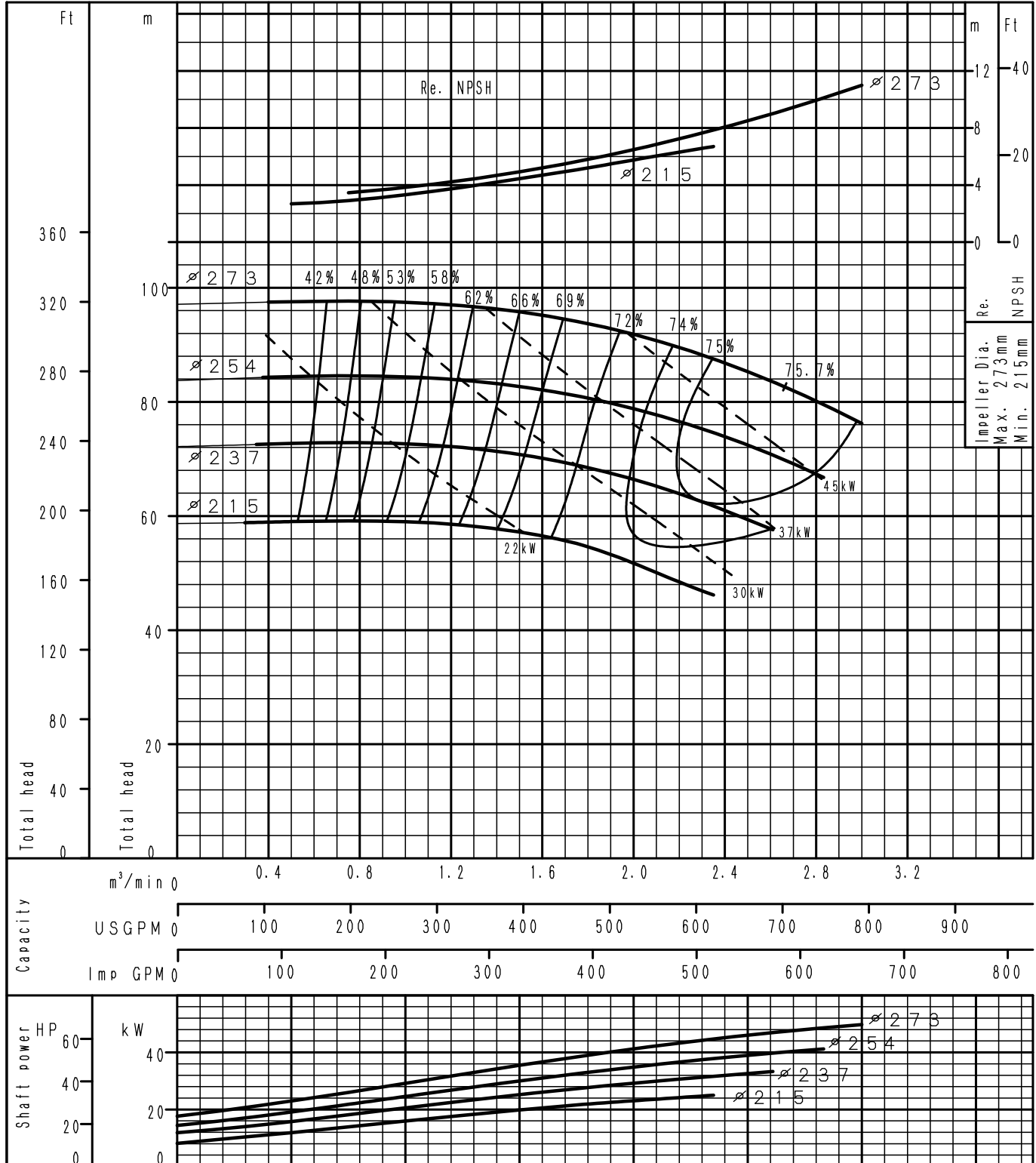


F8-1630814-00

Performance Curve

2 Poles

GSS65-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

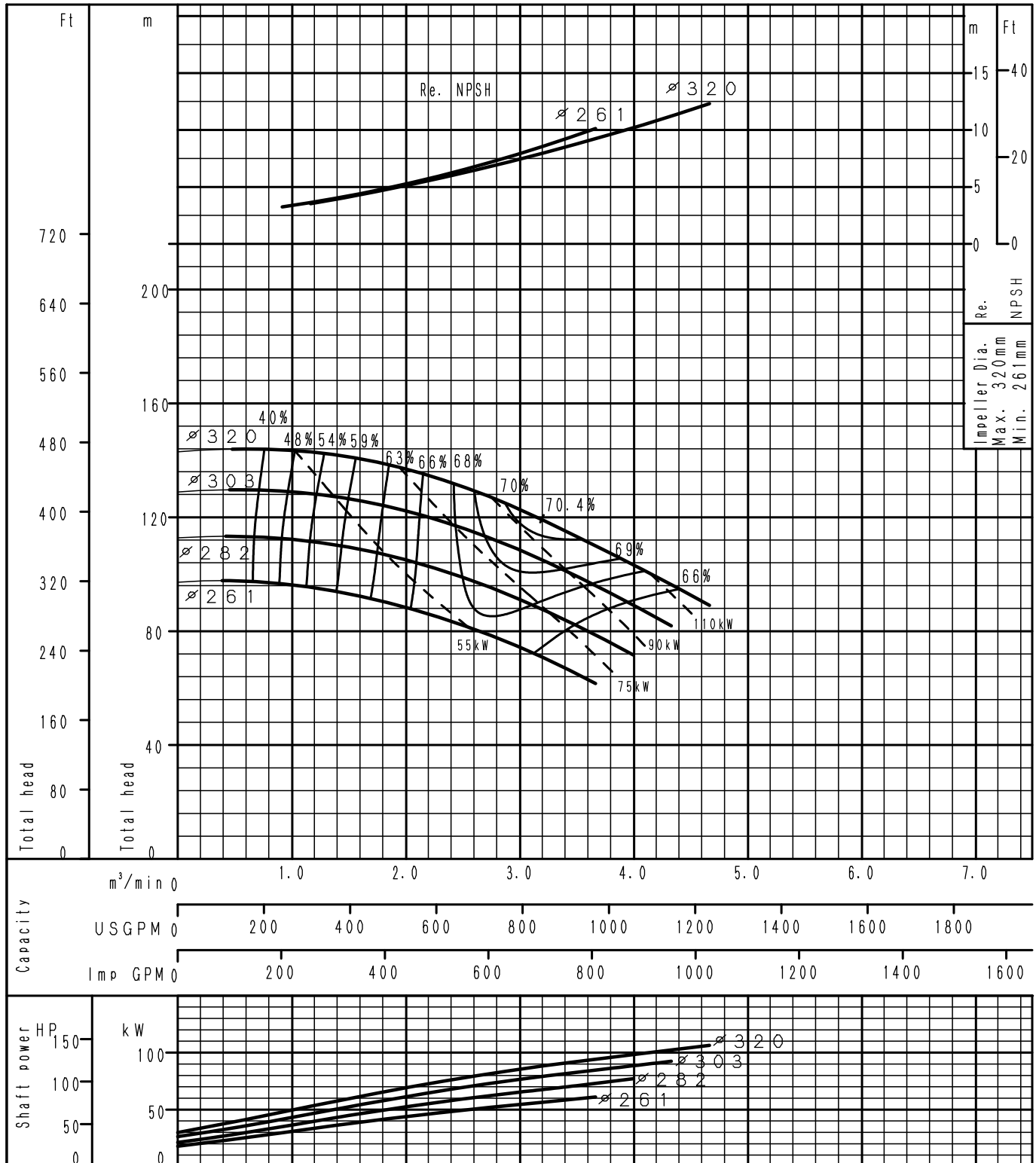


F8-1630815-00

Performance Curve

2 Poles

GSS65-315	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



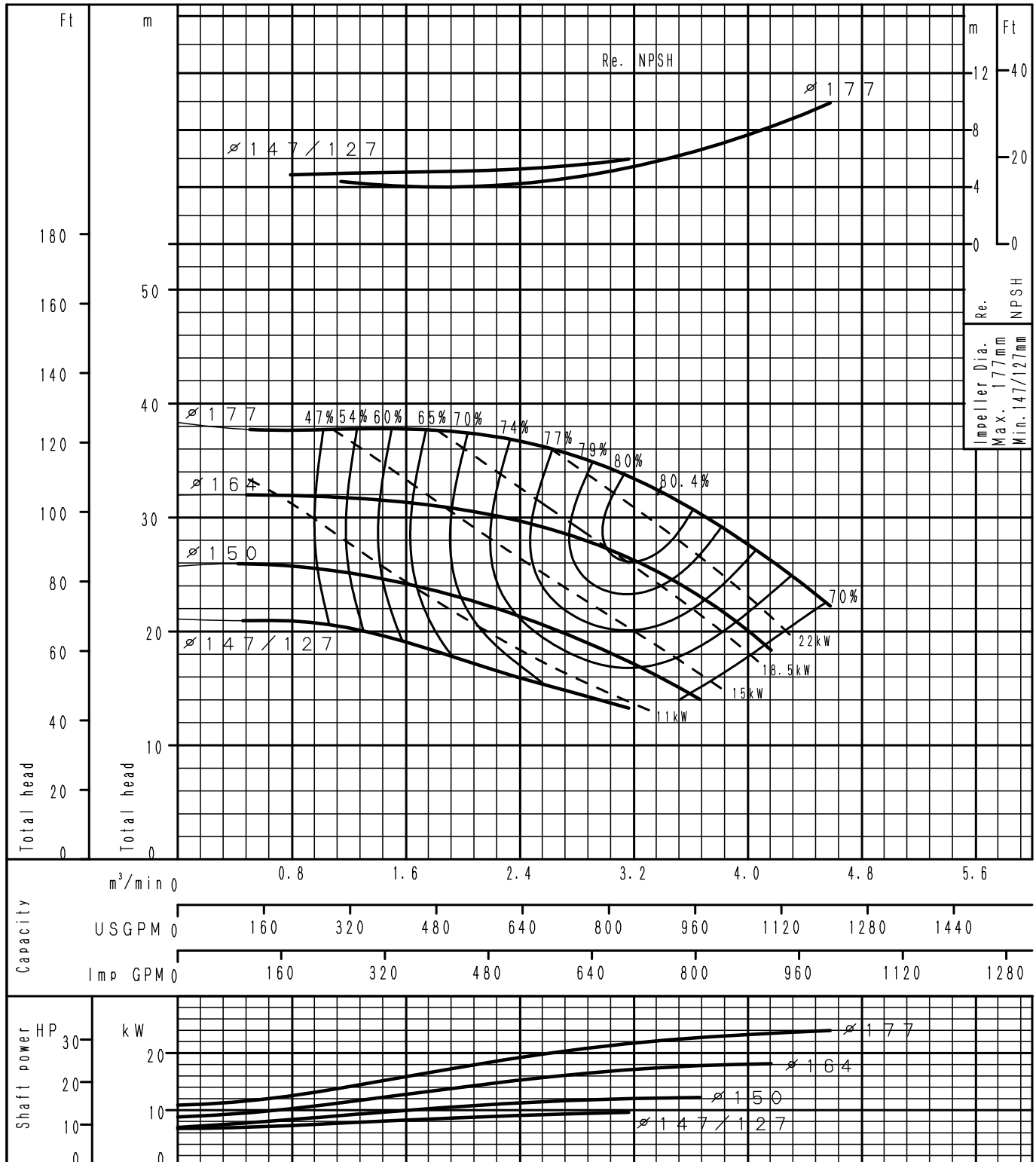
F8-1630816-00



Performance Curve

2 Poles

GSS80-160	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



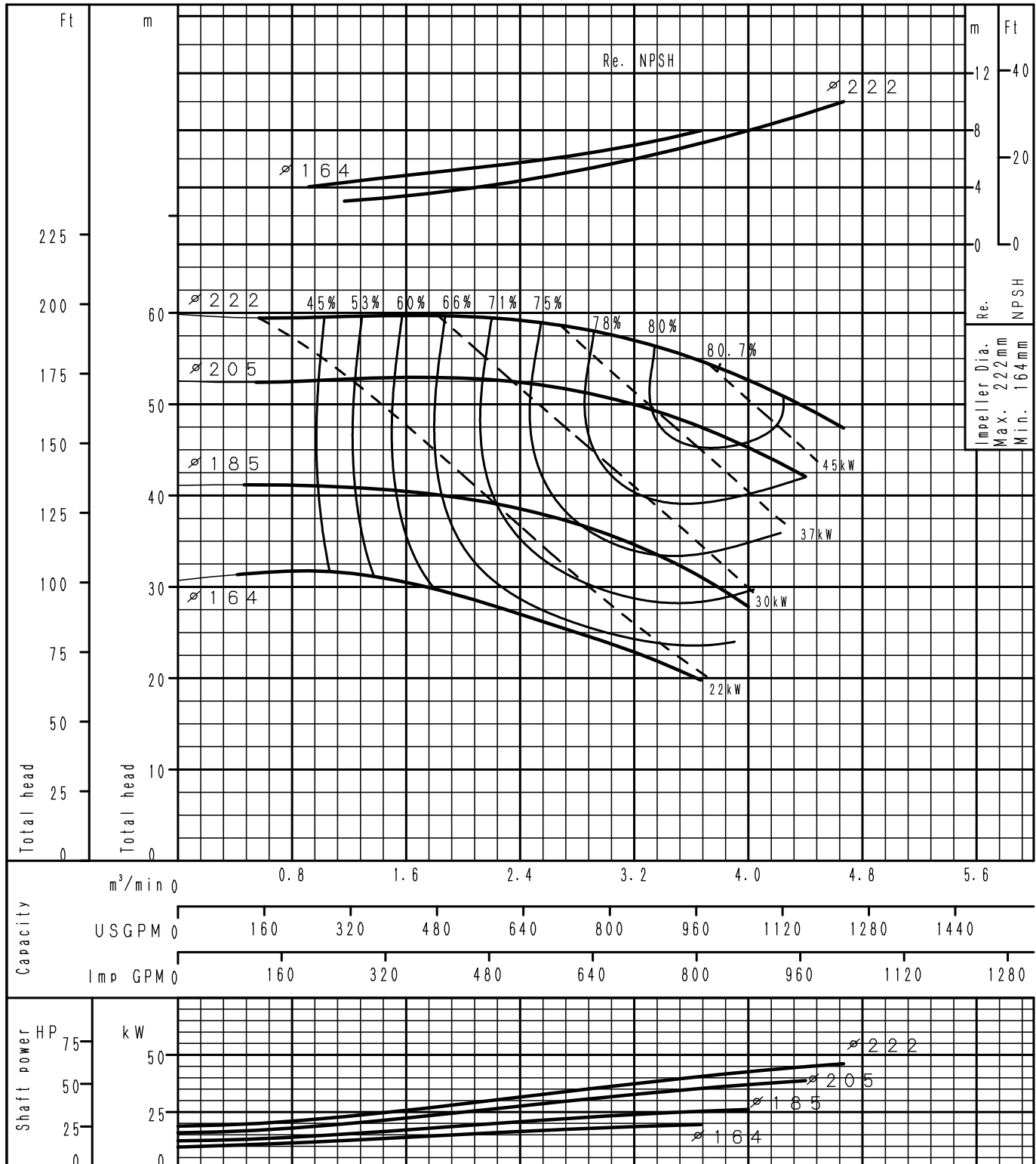
F8-1630817-00



Performance Curve

2 Poles

GSS80-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

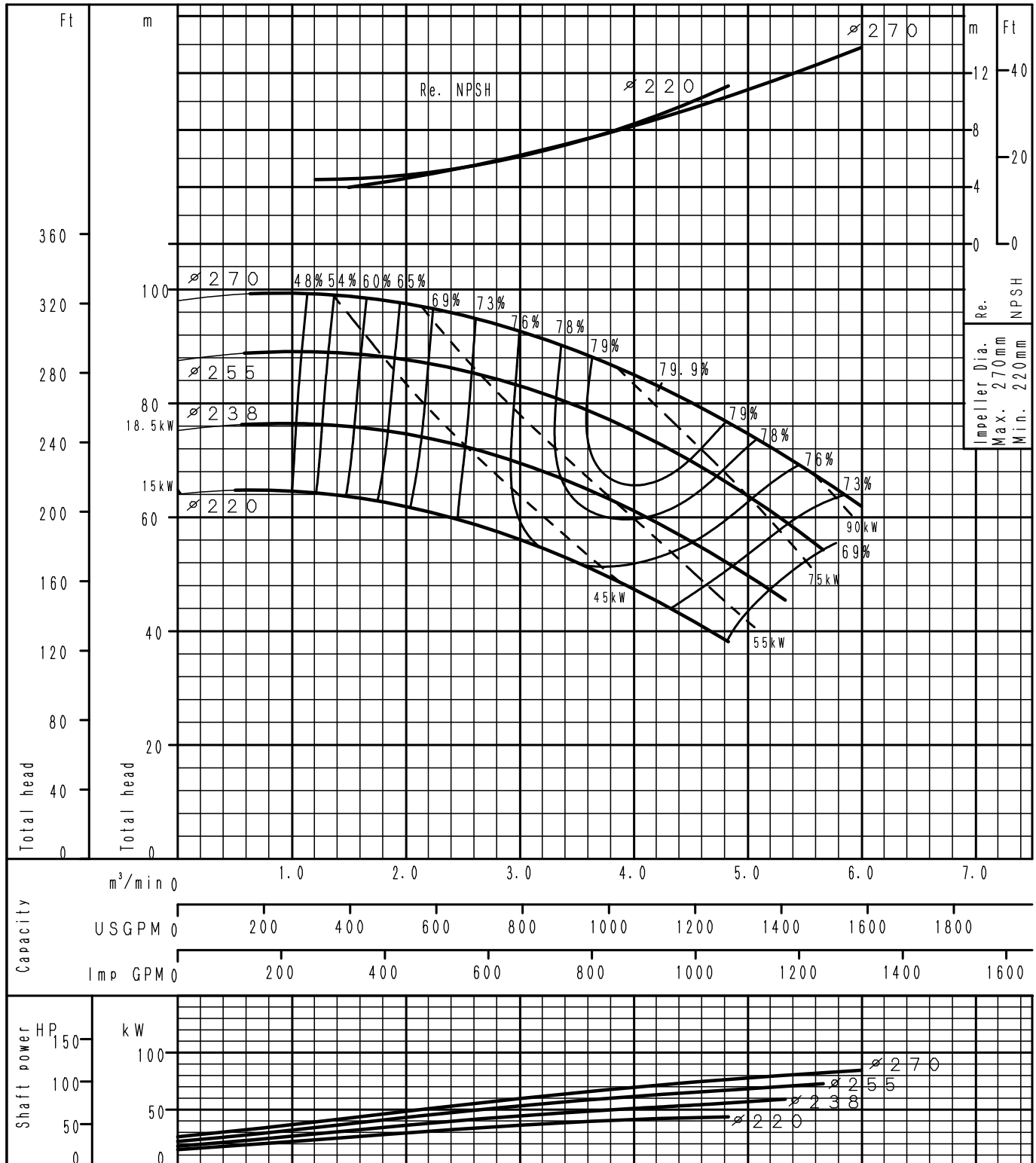


F8-1630818-00

Performance Curve

2 Poles

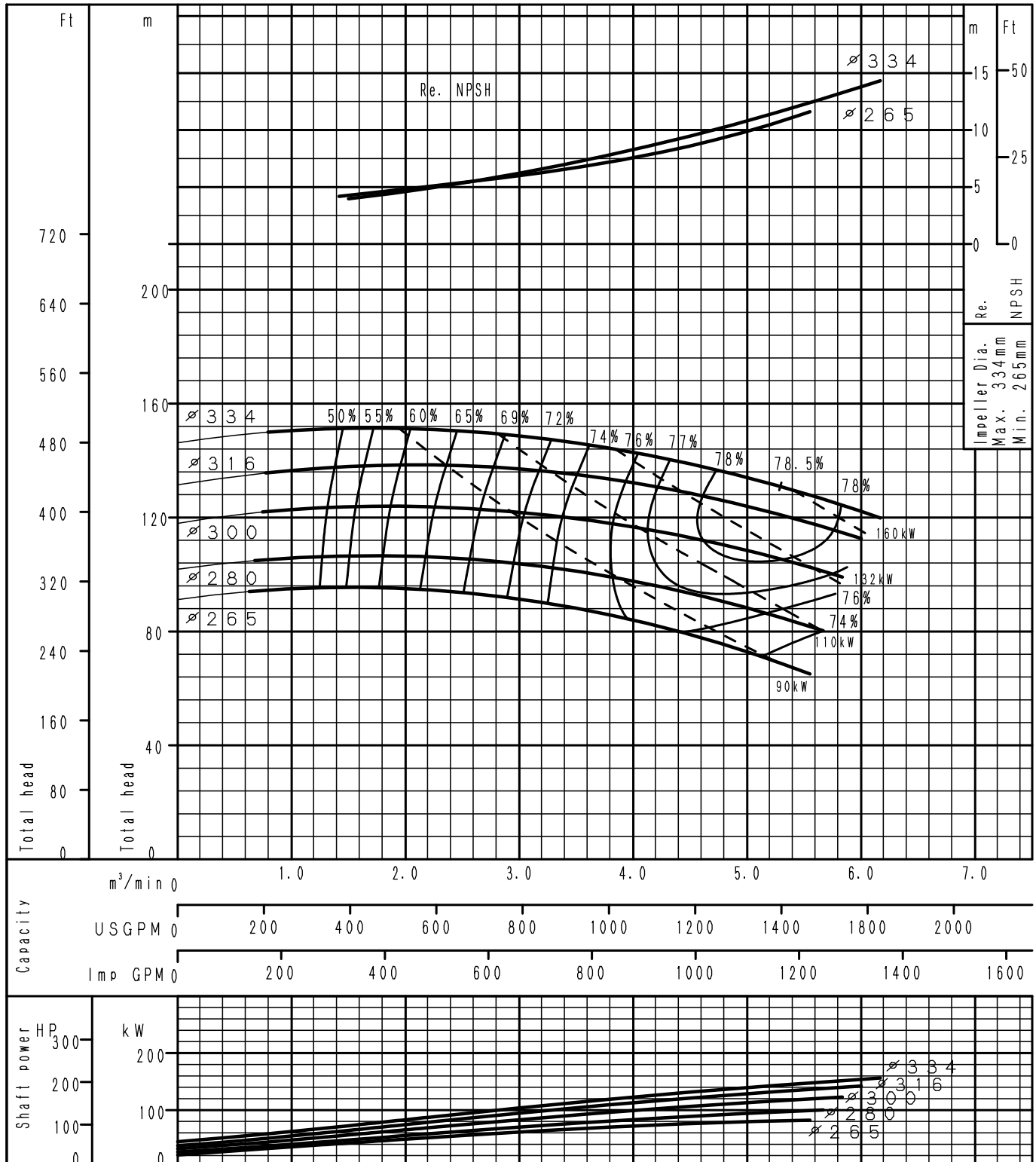
GSS80-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

2 Poles

GSS80-315L	According to ISO testing code 9906 Grade 3B
50Hz (Speed 2900 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



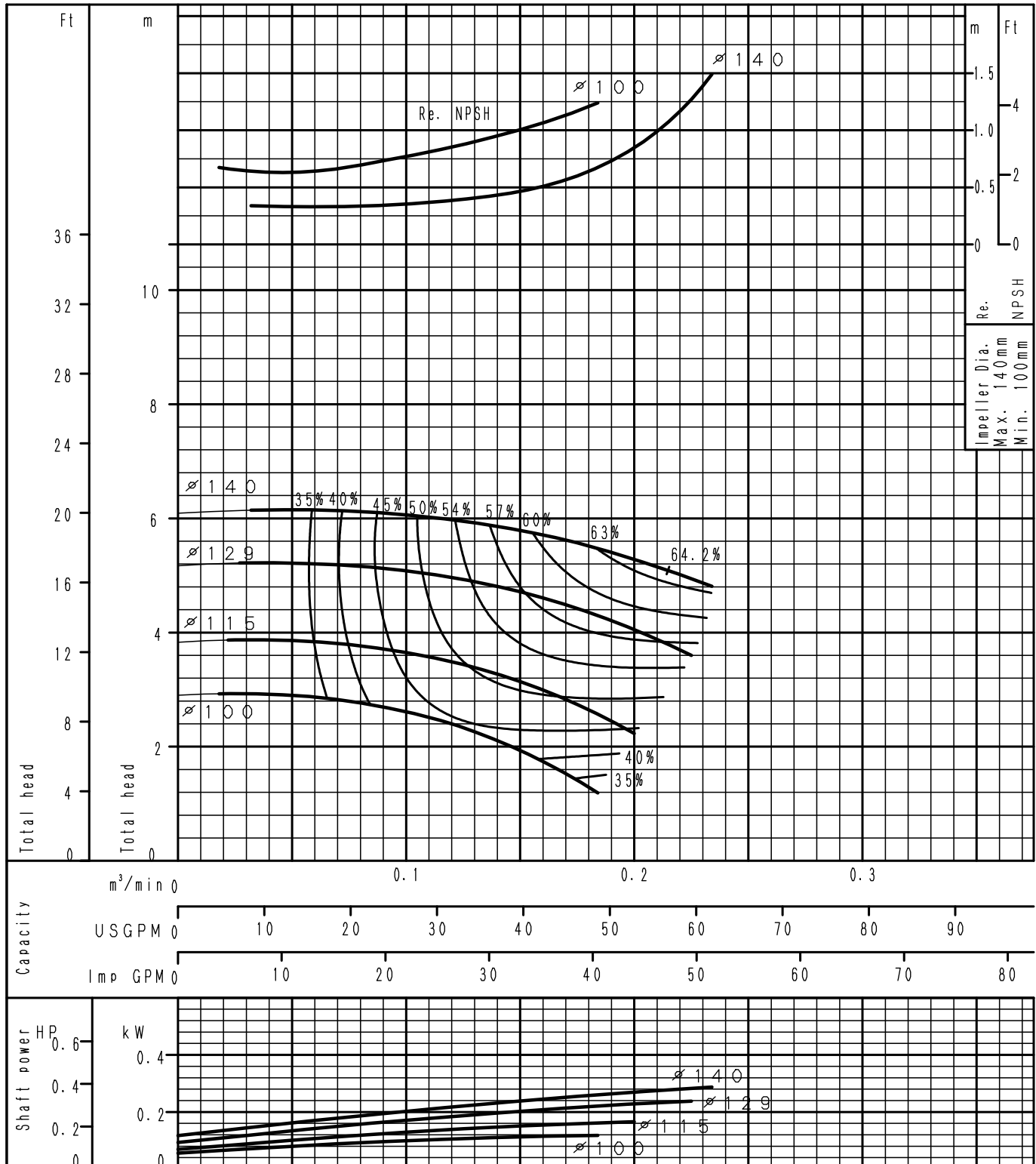
F8-1630820-00



Performance Curve

4 Poles

GSS32-125.1	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

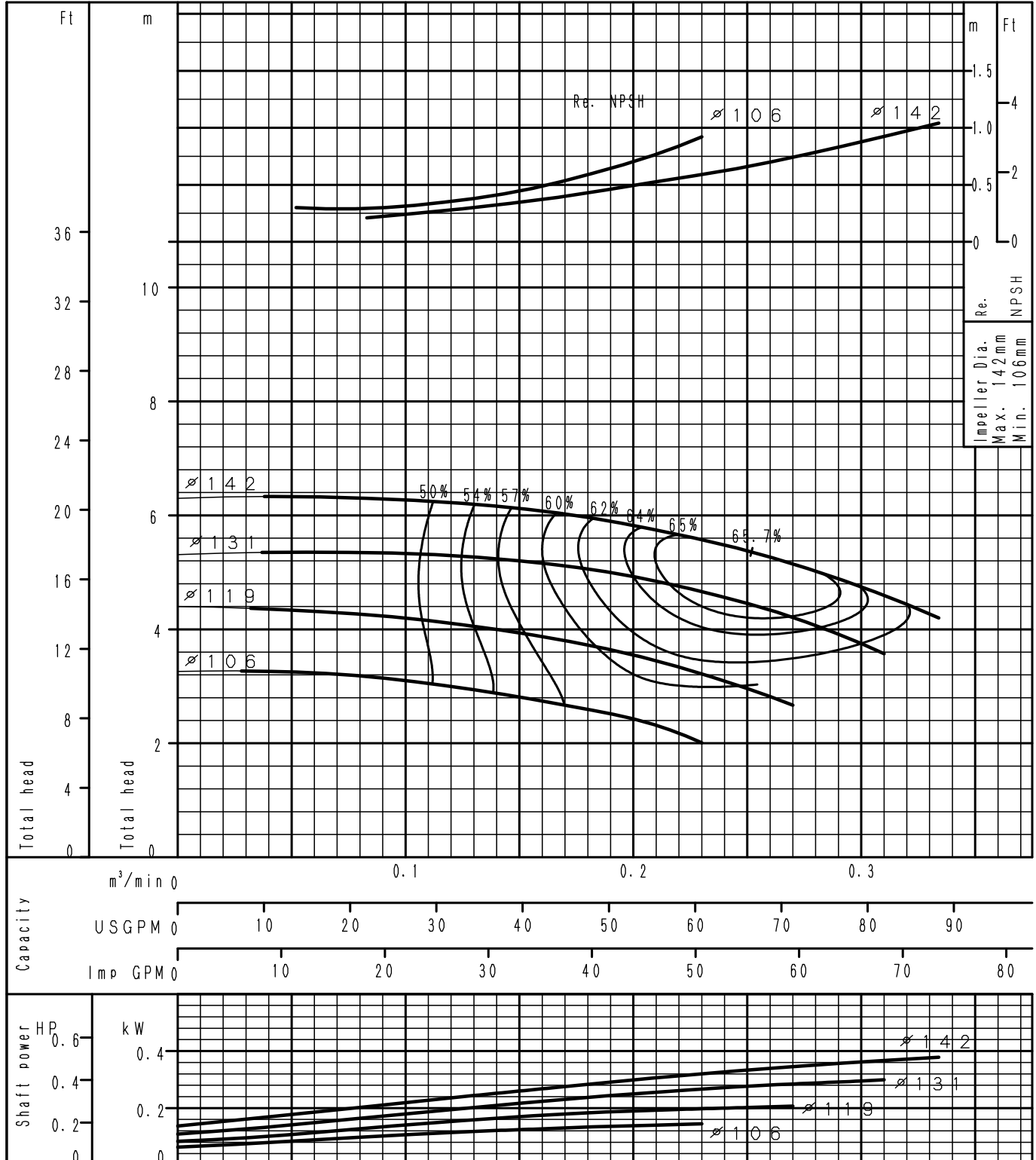


F8-1630821-00

Performance Curve

4 Poles

GSS32-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



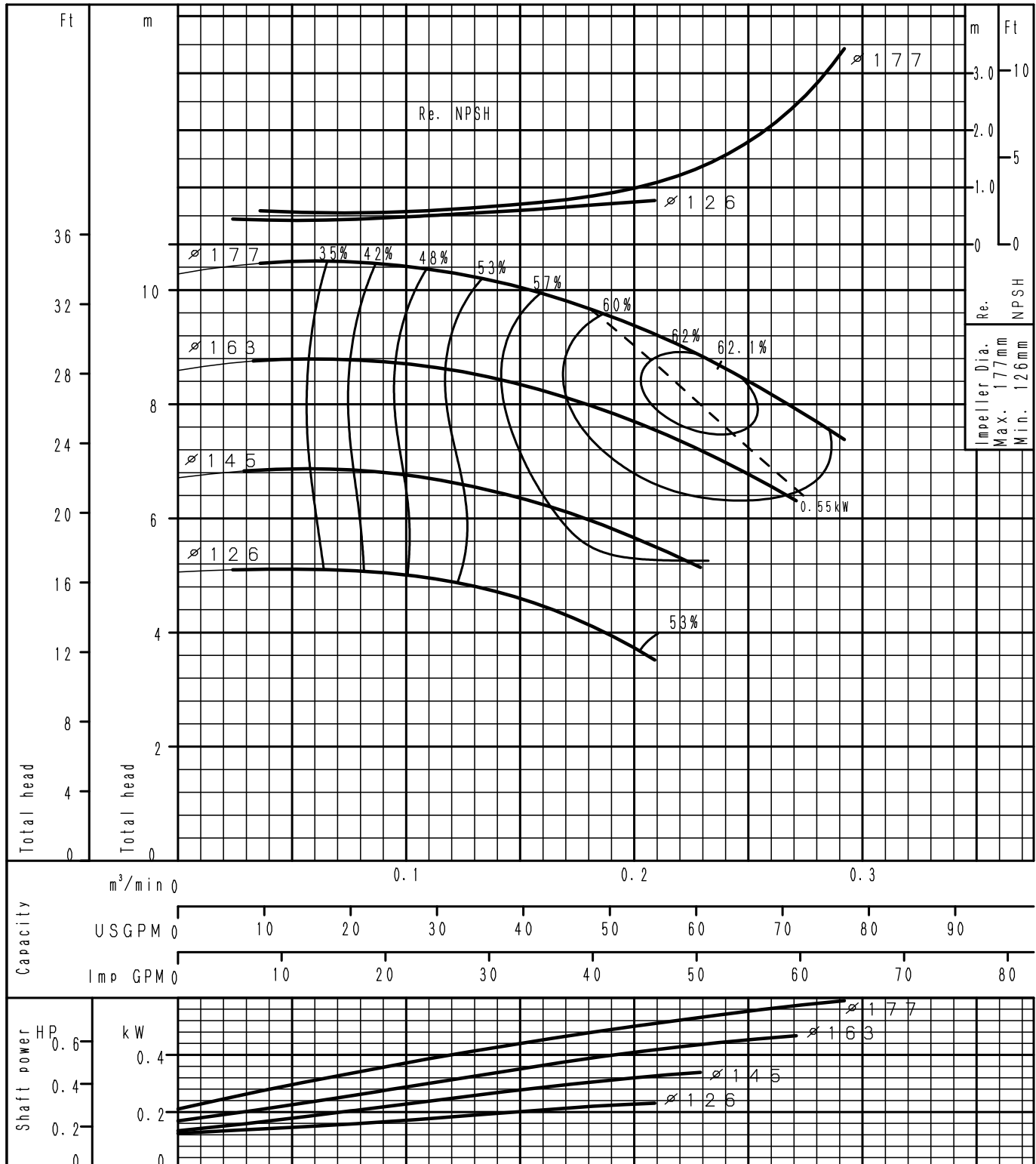
F8-1630822-00



Performance Curve

4 Poles

GSS32-160.1	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

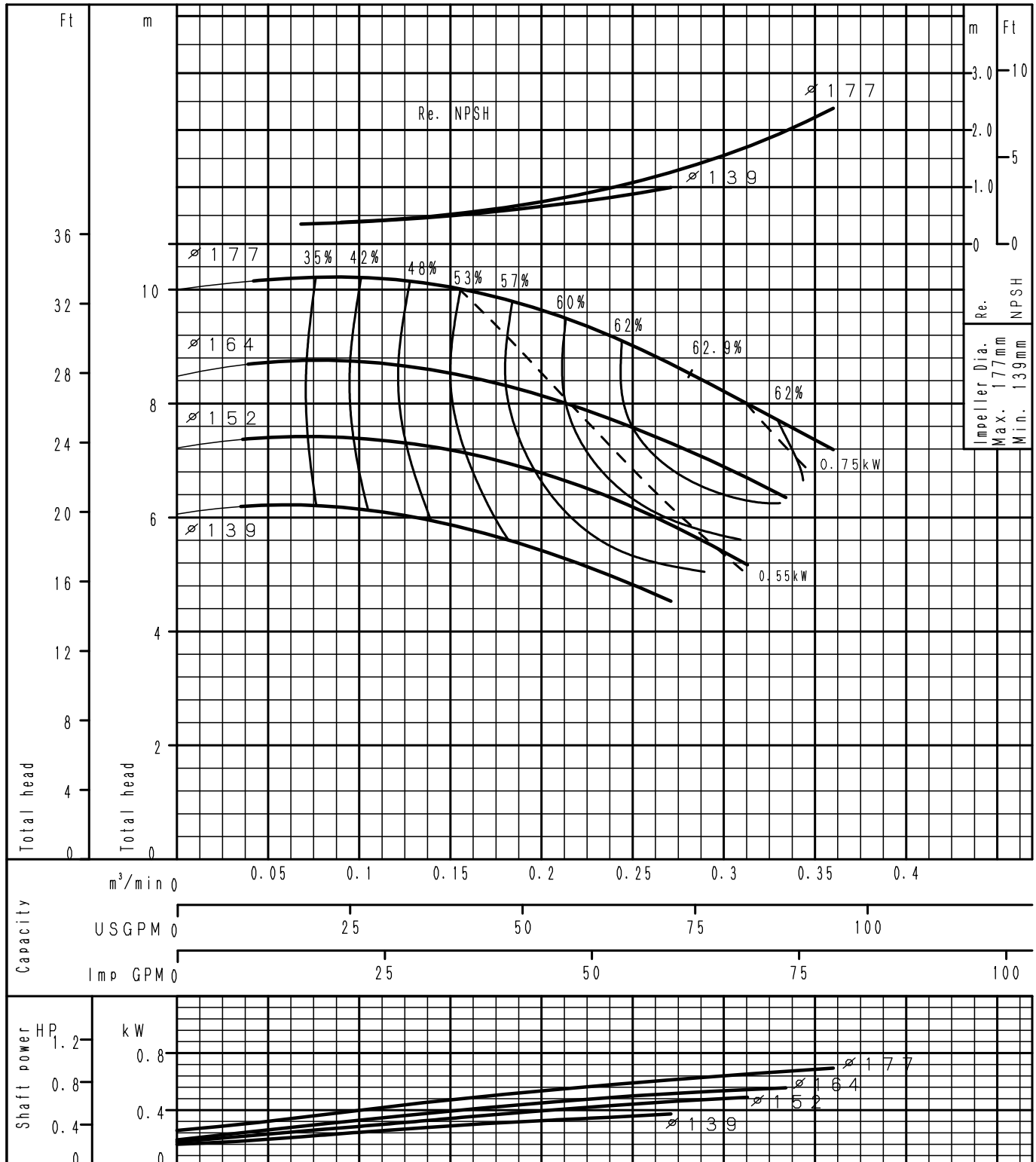


F8-1630823-00

Performance Curve

4 Poles

<h1 style="margin: 0;">GSS32-160</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



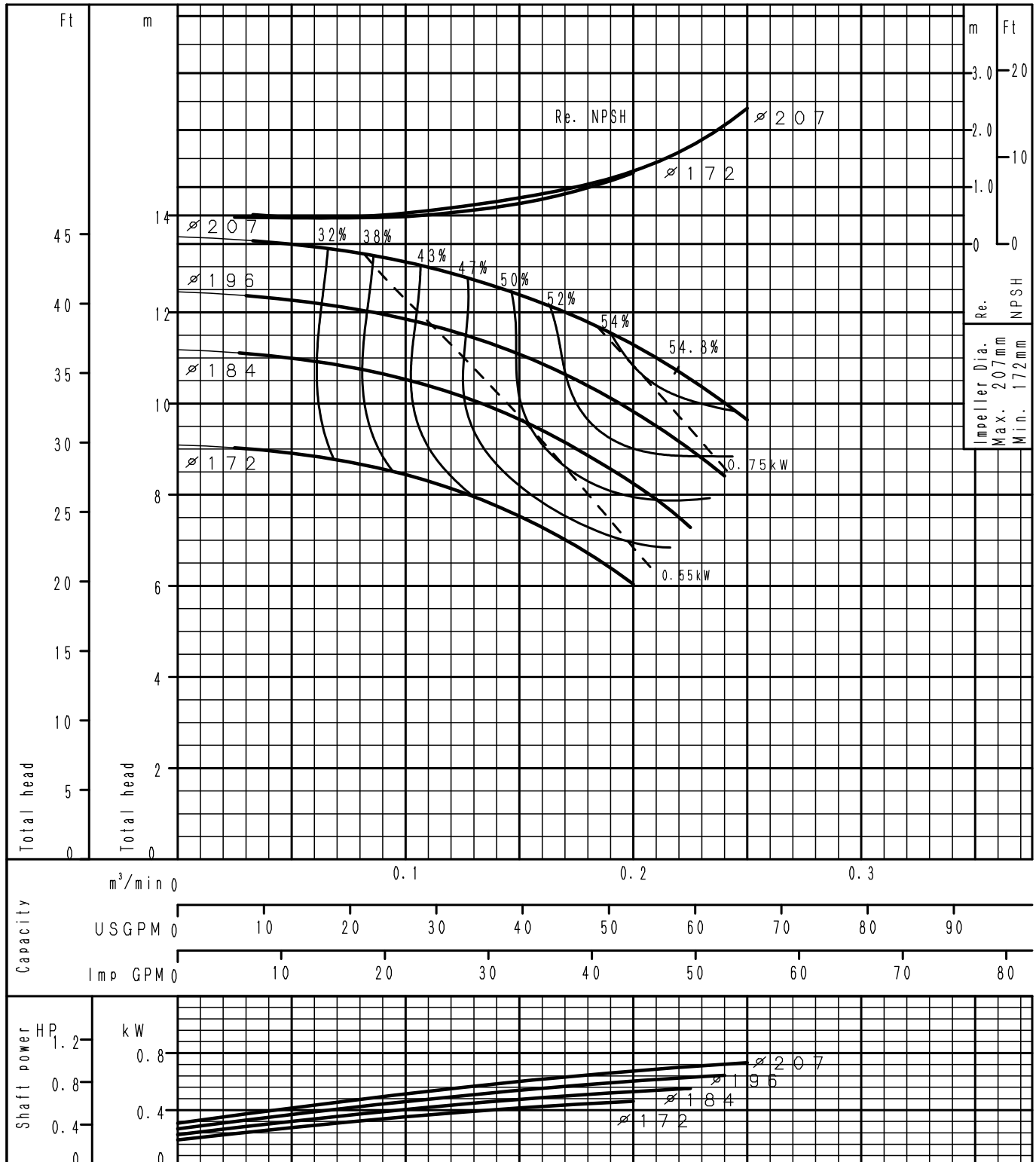
F8-1630824-00



Performance Curve

4 Poles

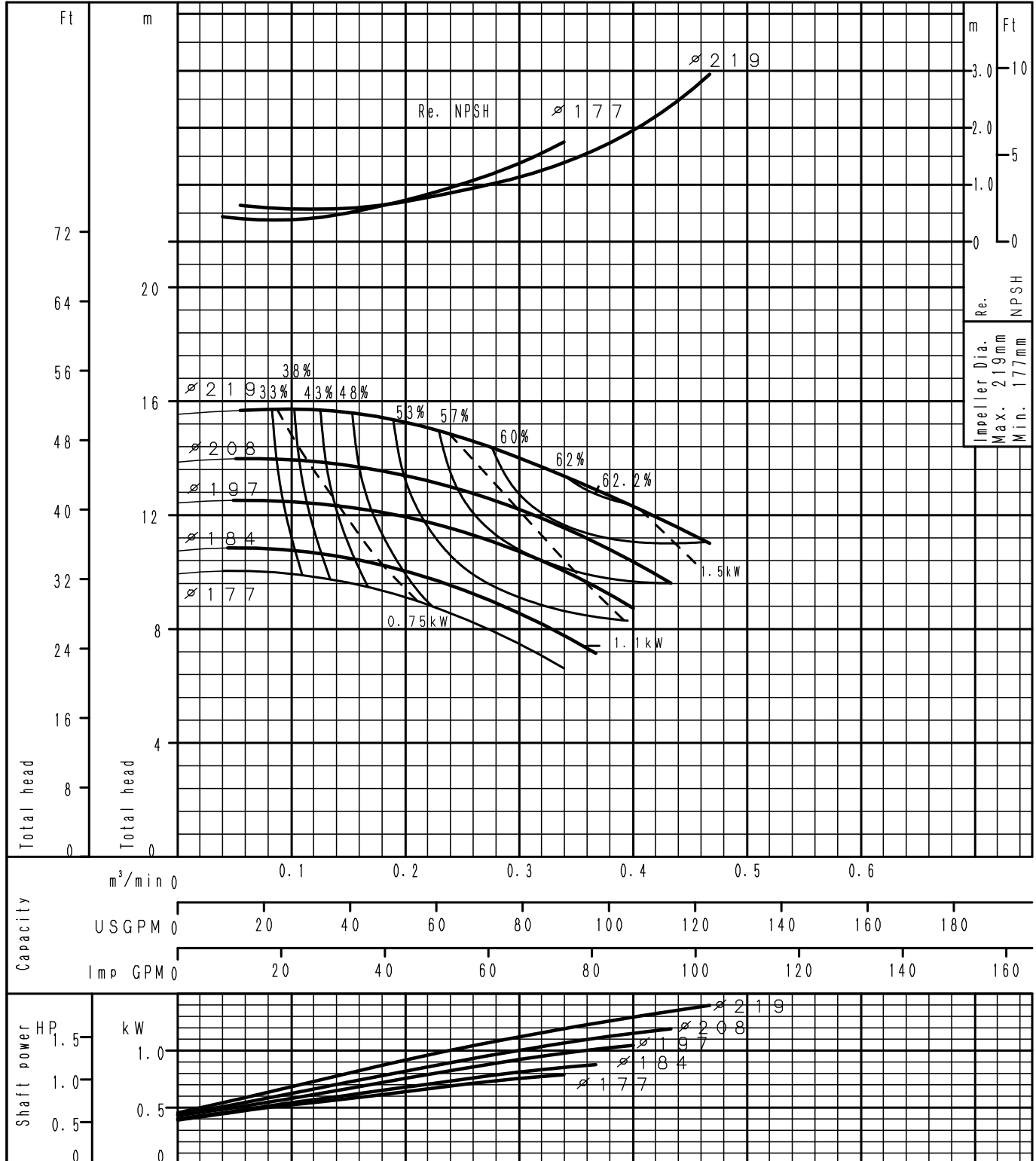
GSS32-200.1	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

4 Poles

GSS32-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



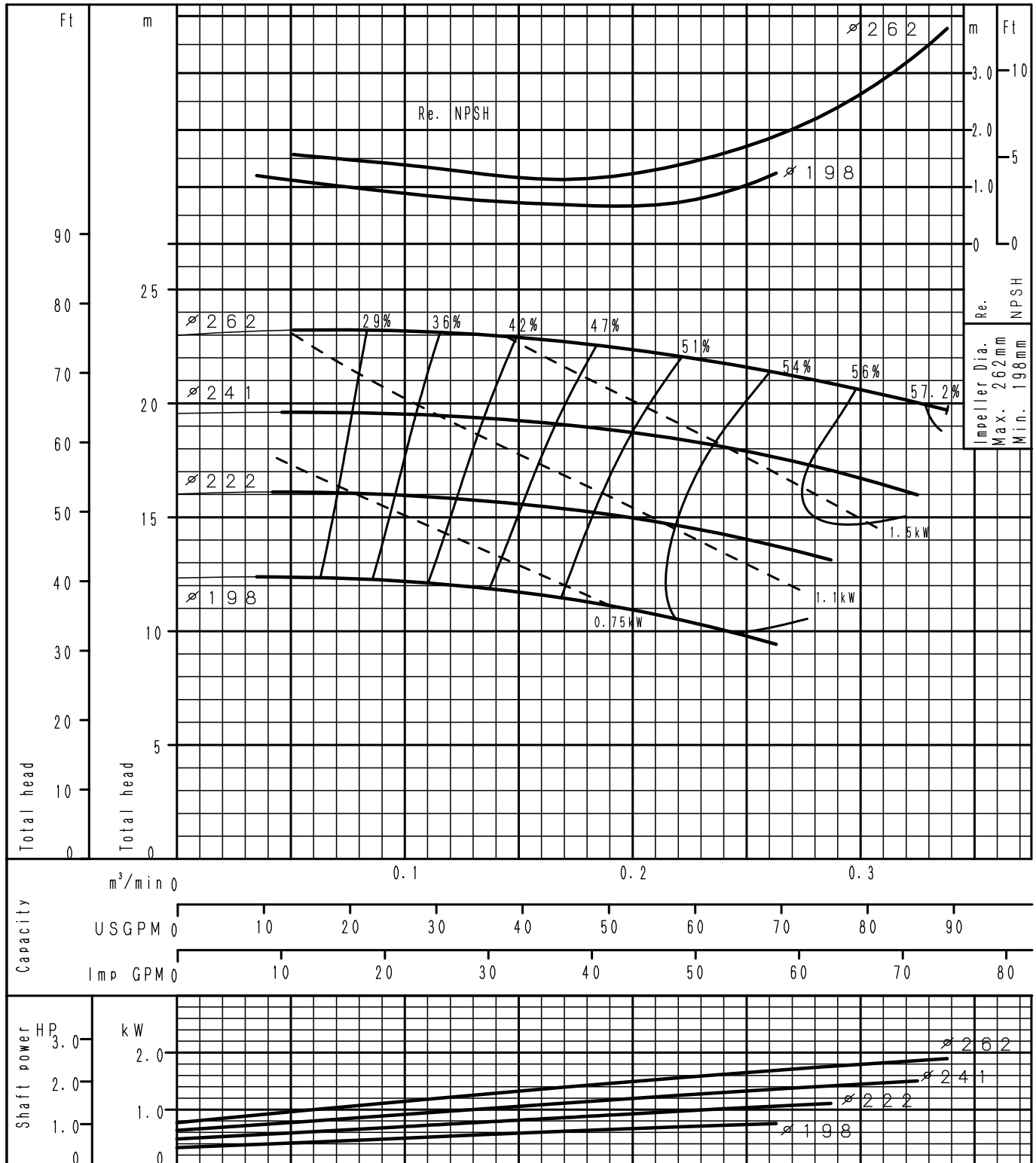
F8-1630826-00



Performance Curve

4 Poles

<h1 style="margin: 0;">GSS32-250</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



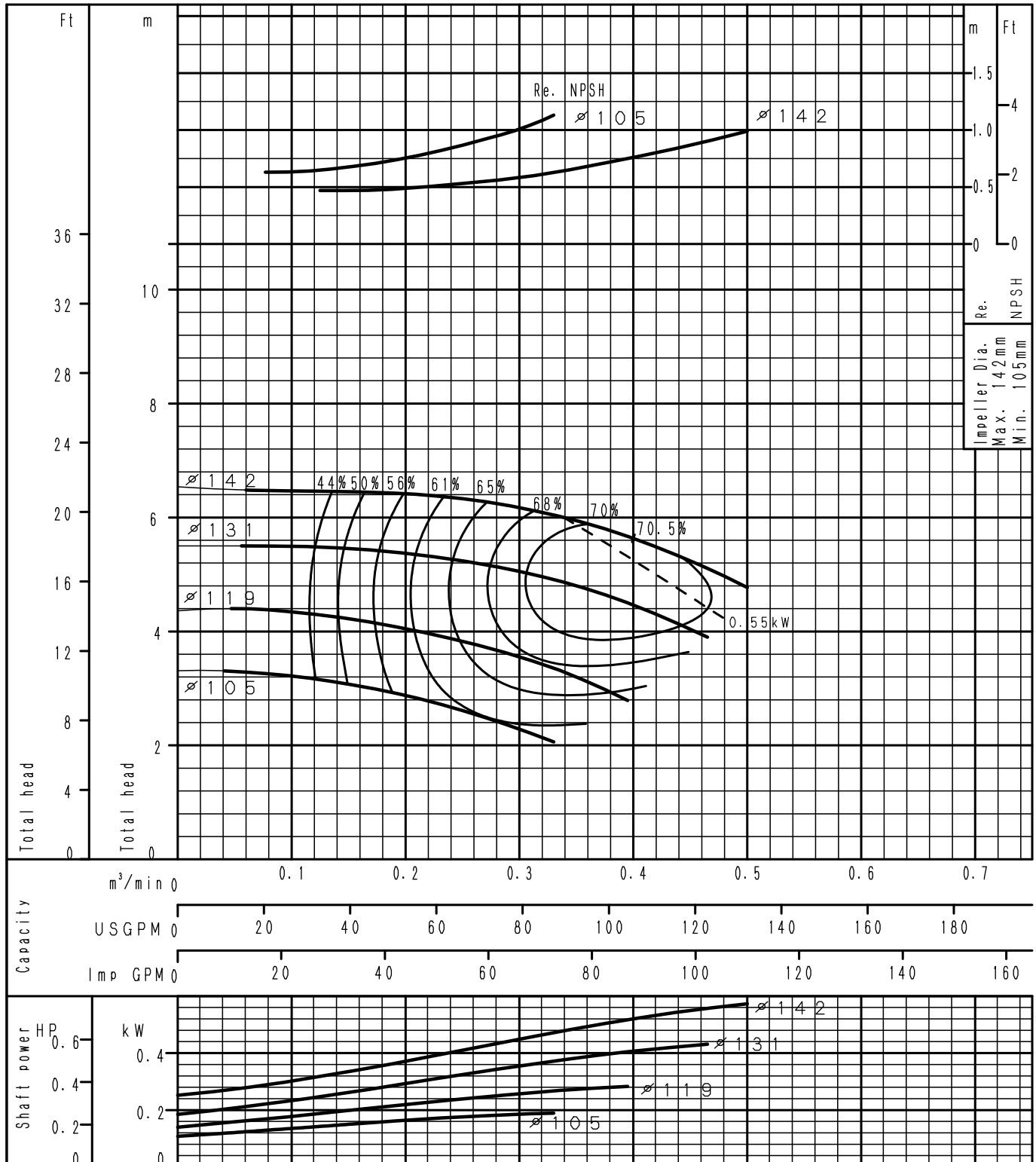
F8-1630827-00



Performance Curve

4 Poles

GSS40-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



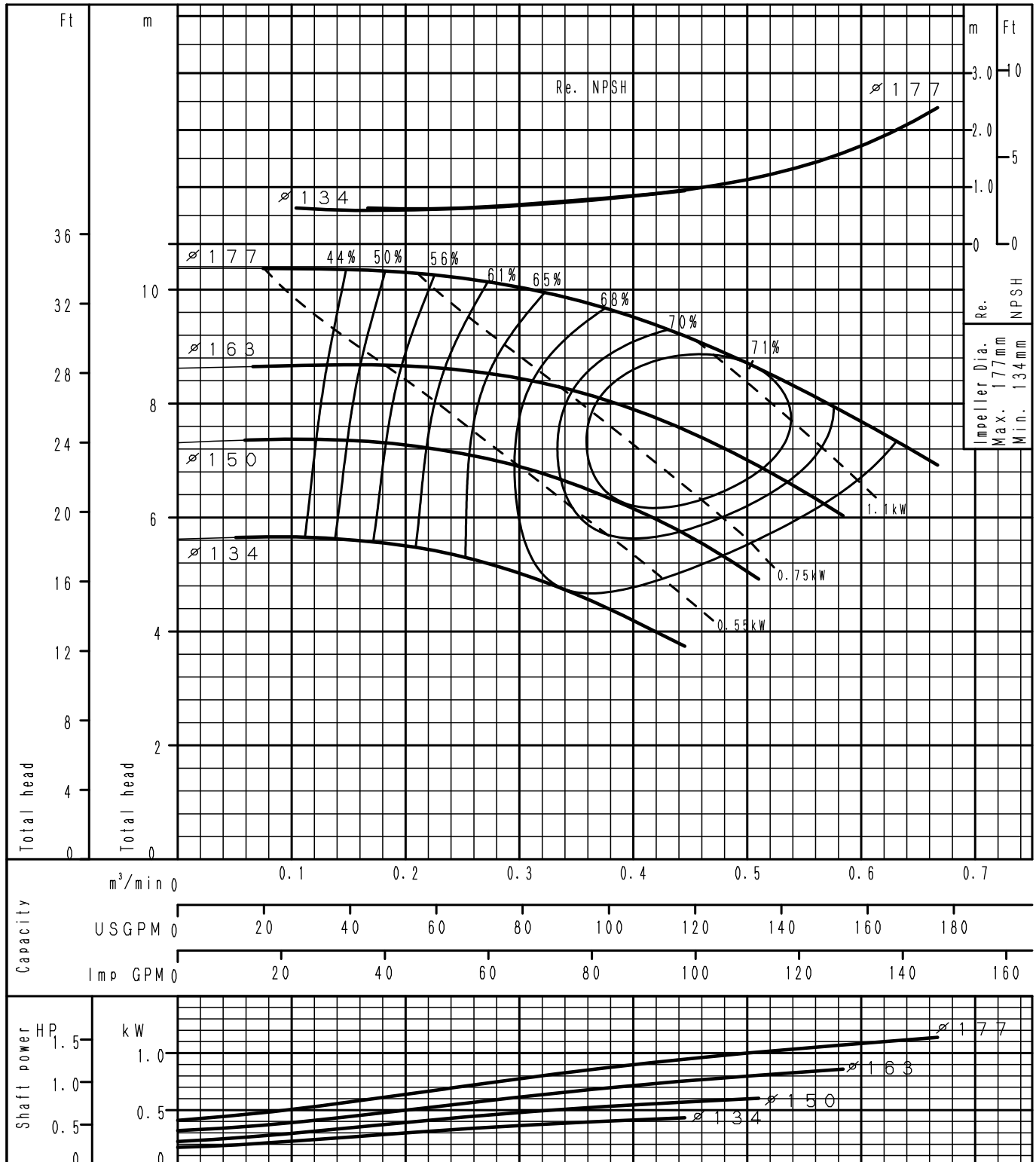
F8-1630828-00



Performance Curve

4 Poles

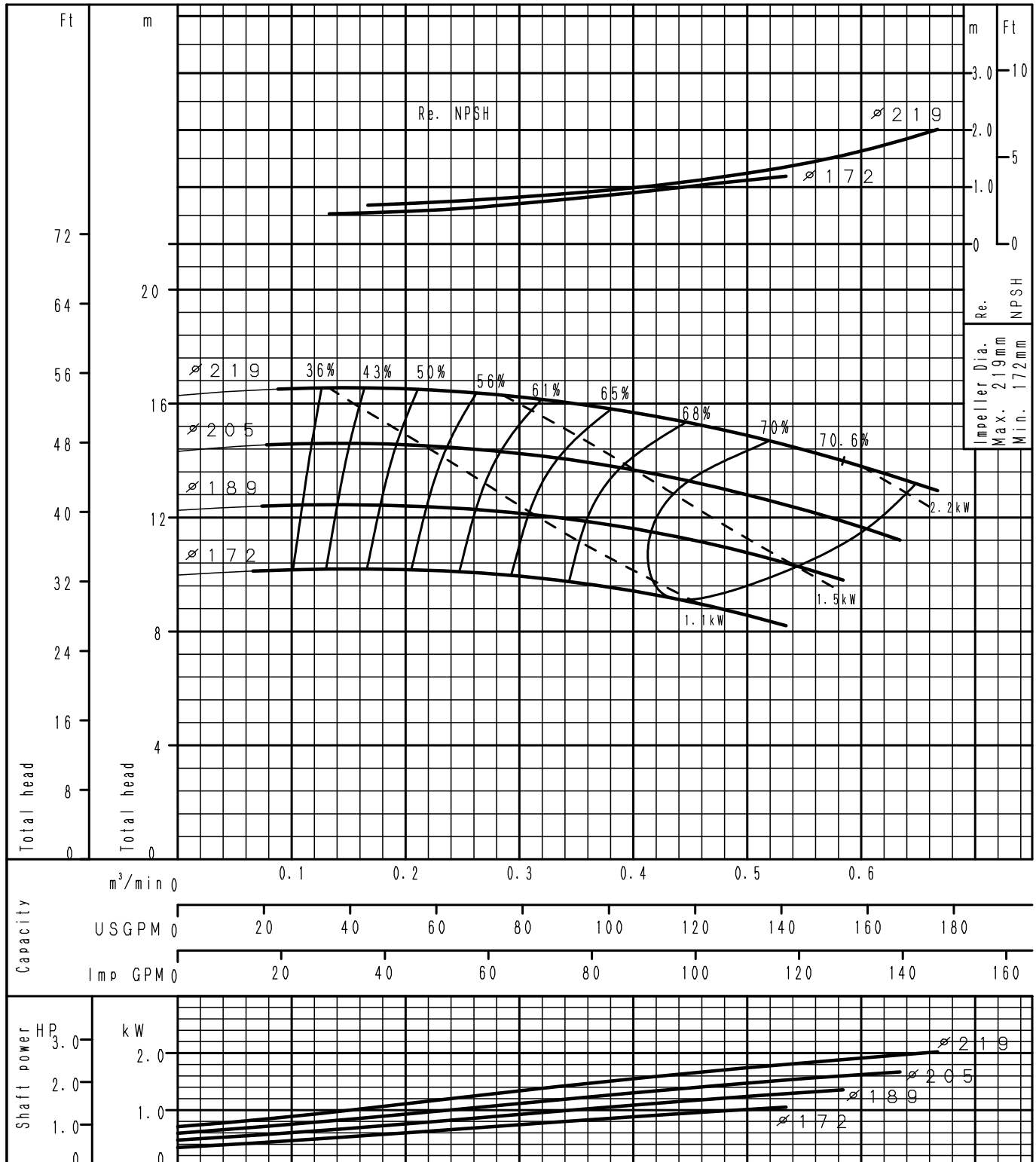
GSS40-160	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

4 Poles

GSS40-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



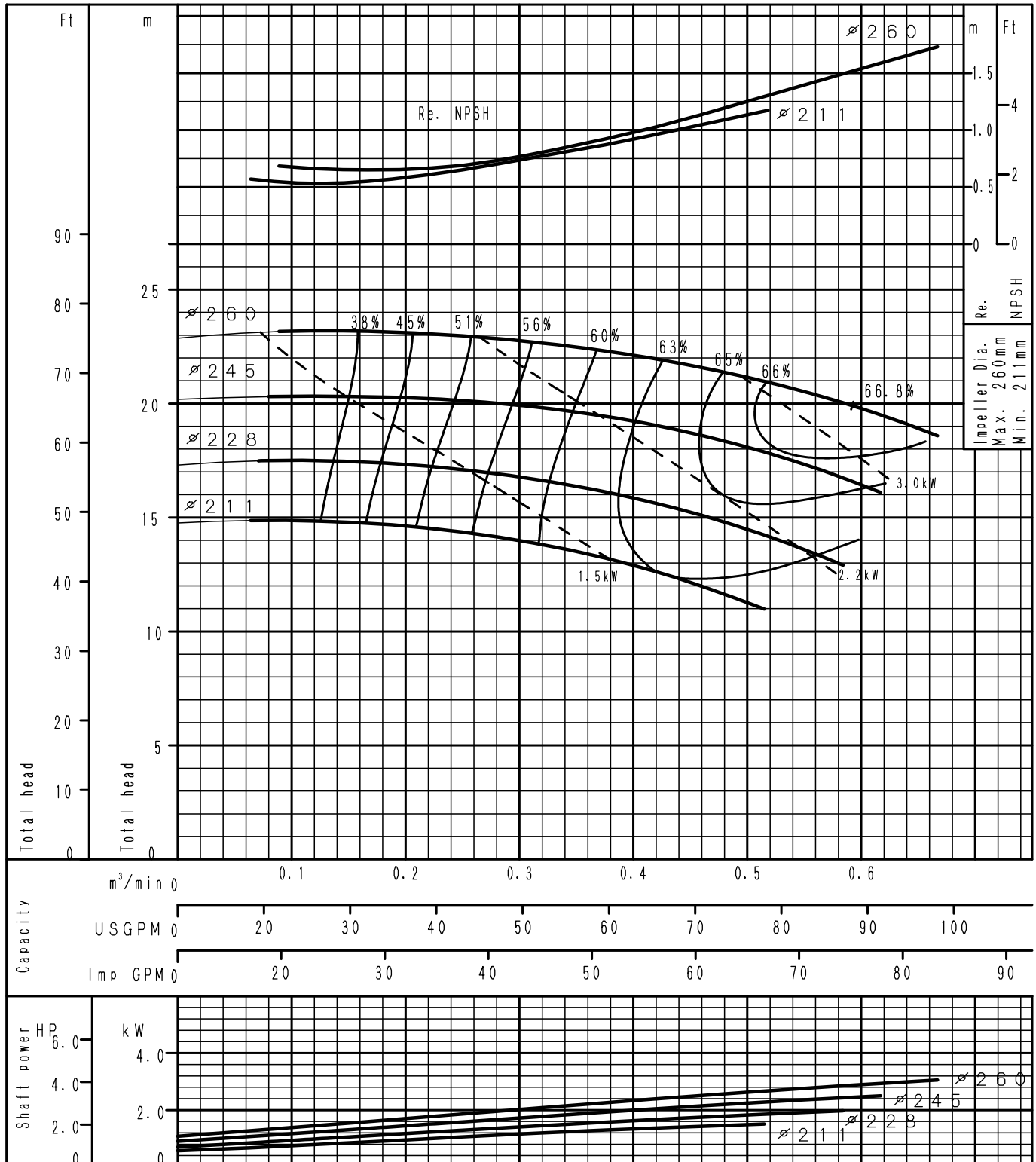
F8-1630830-00



Performance Curve

4 Poles

GSS40-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

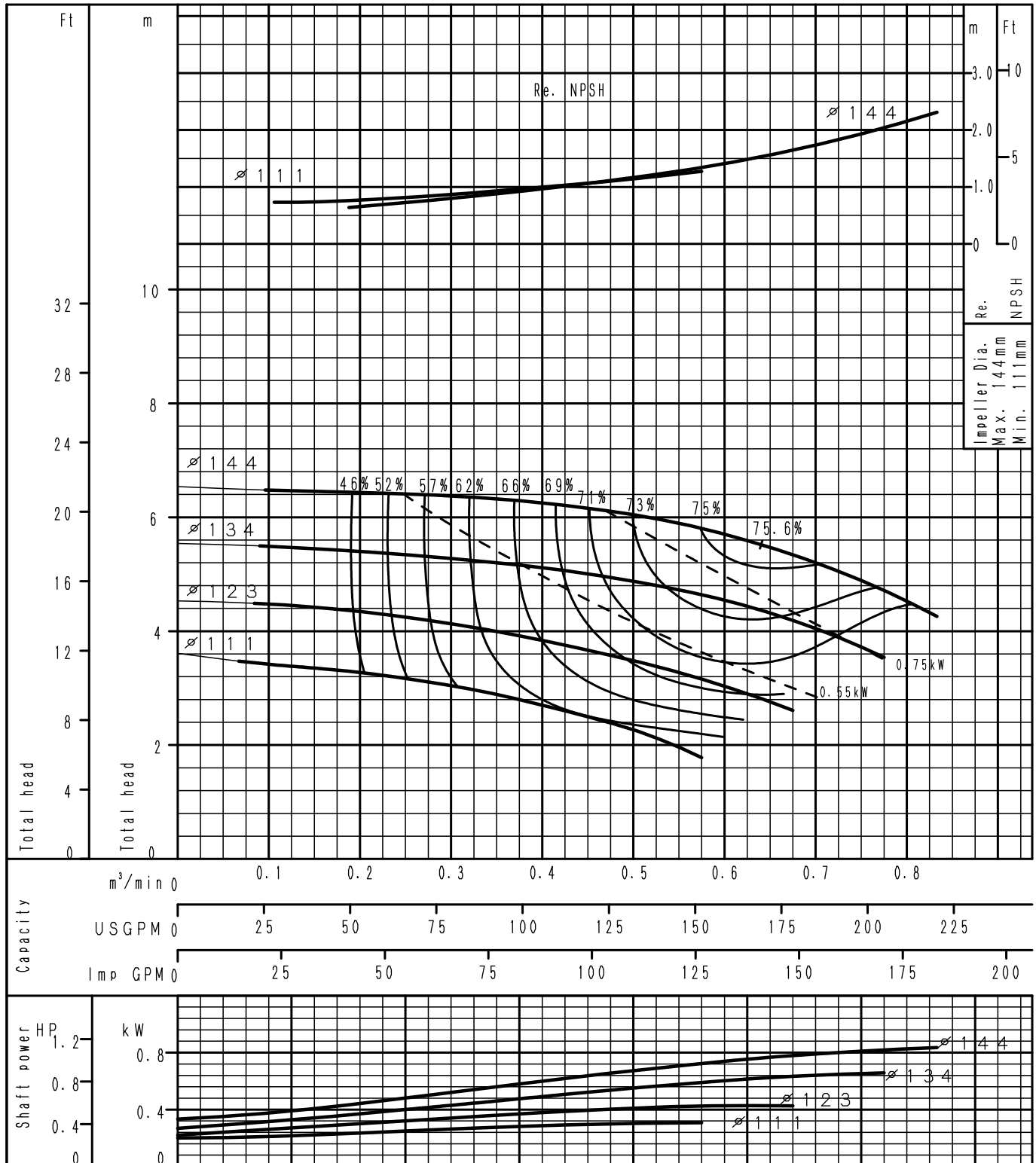


F8-1630831-00

Performance Curve

4 Poles

GSS50-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



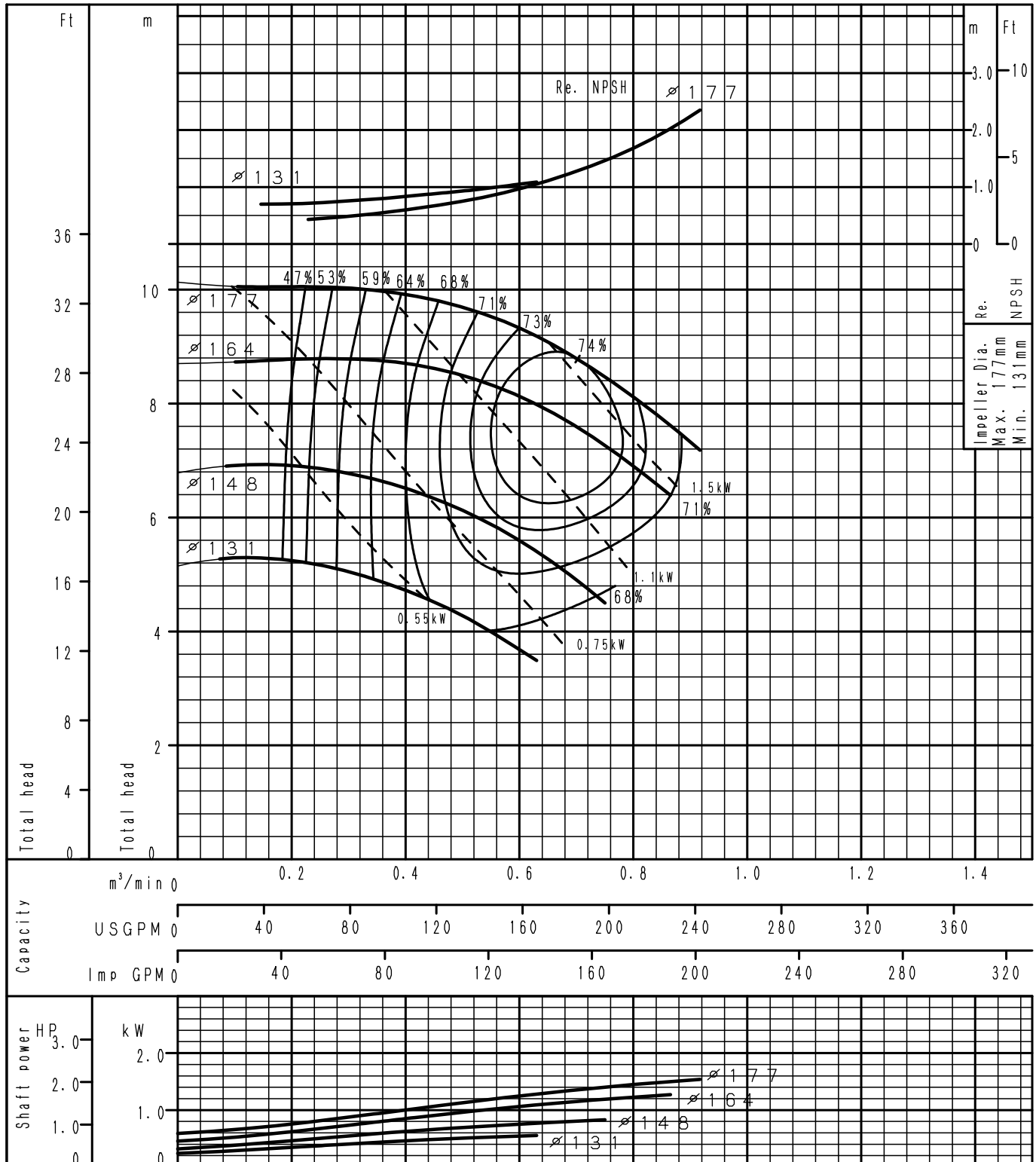
F8-1630832-00



Performance Curve

4 Poles

GSS50-160	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



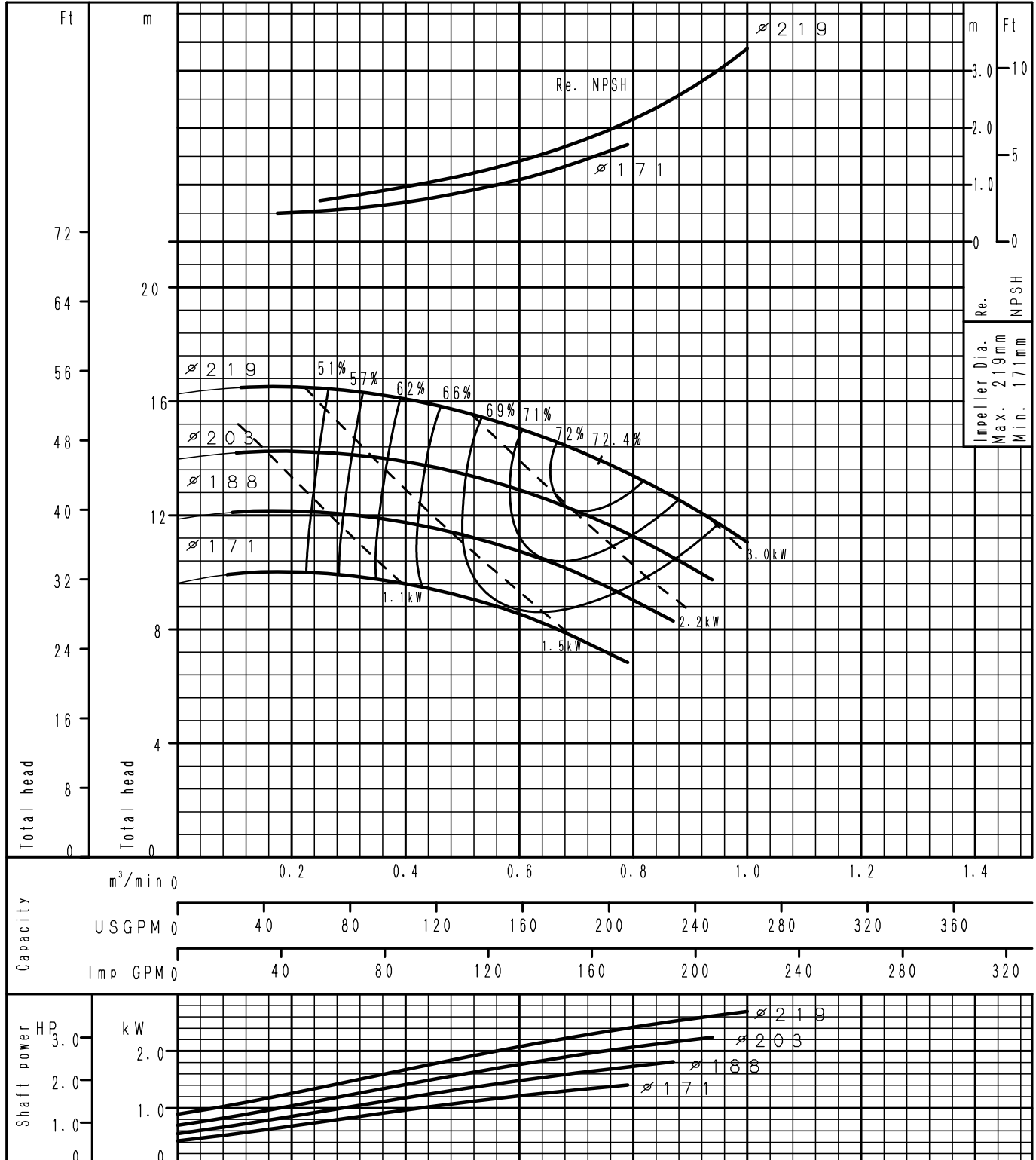
F8-1630833-00



Performance Curve

4 Poles

GSS50-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



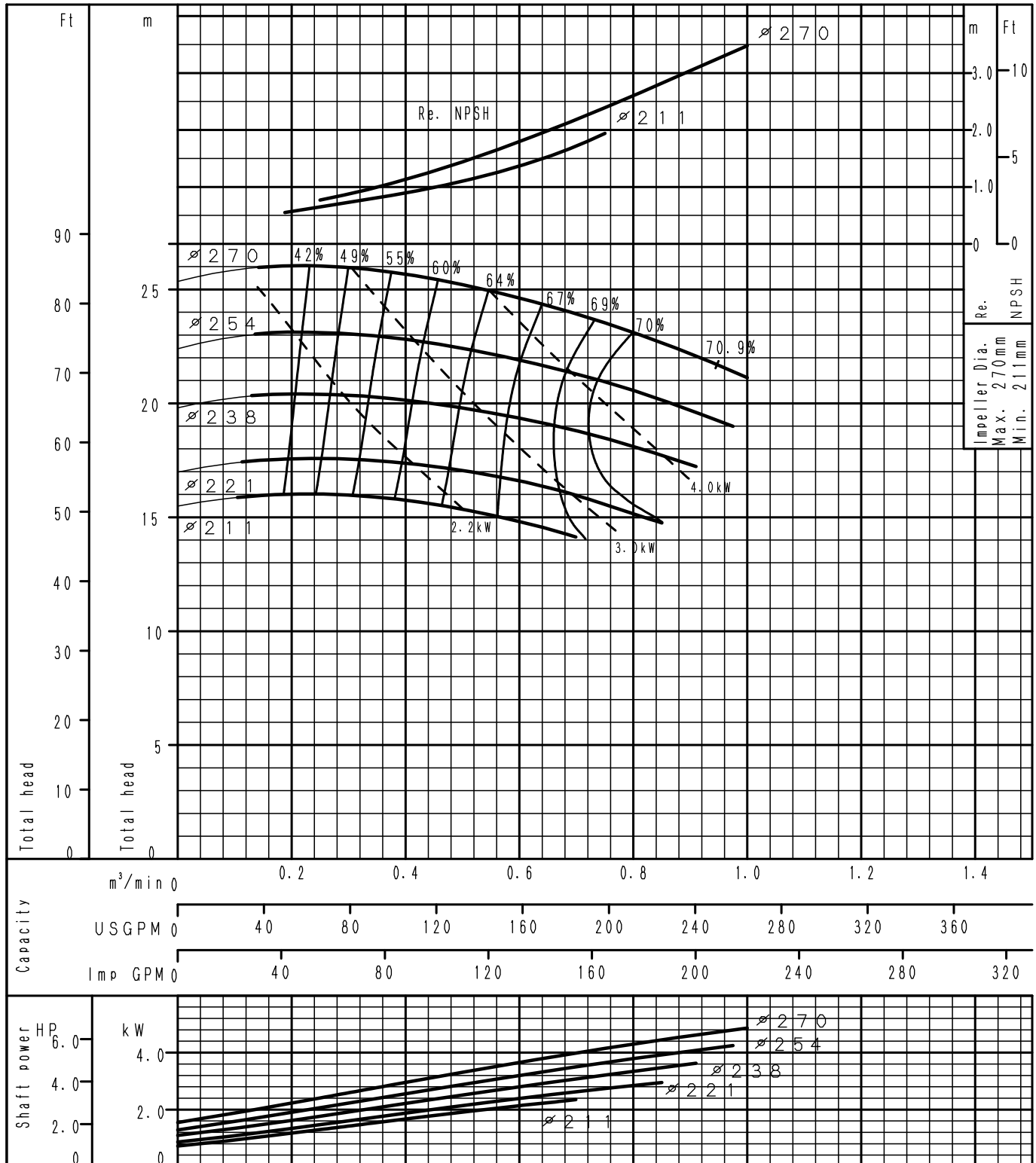
F8-1630834-00



Performance Curve

4 Poles

GSS50-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



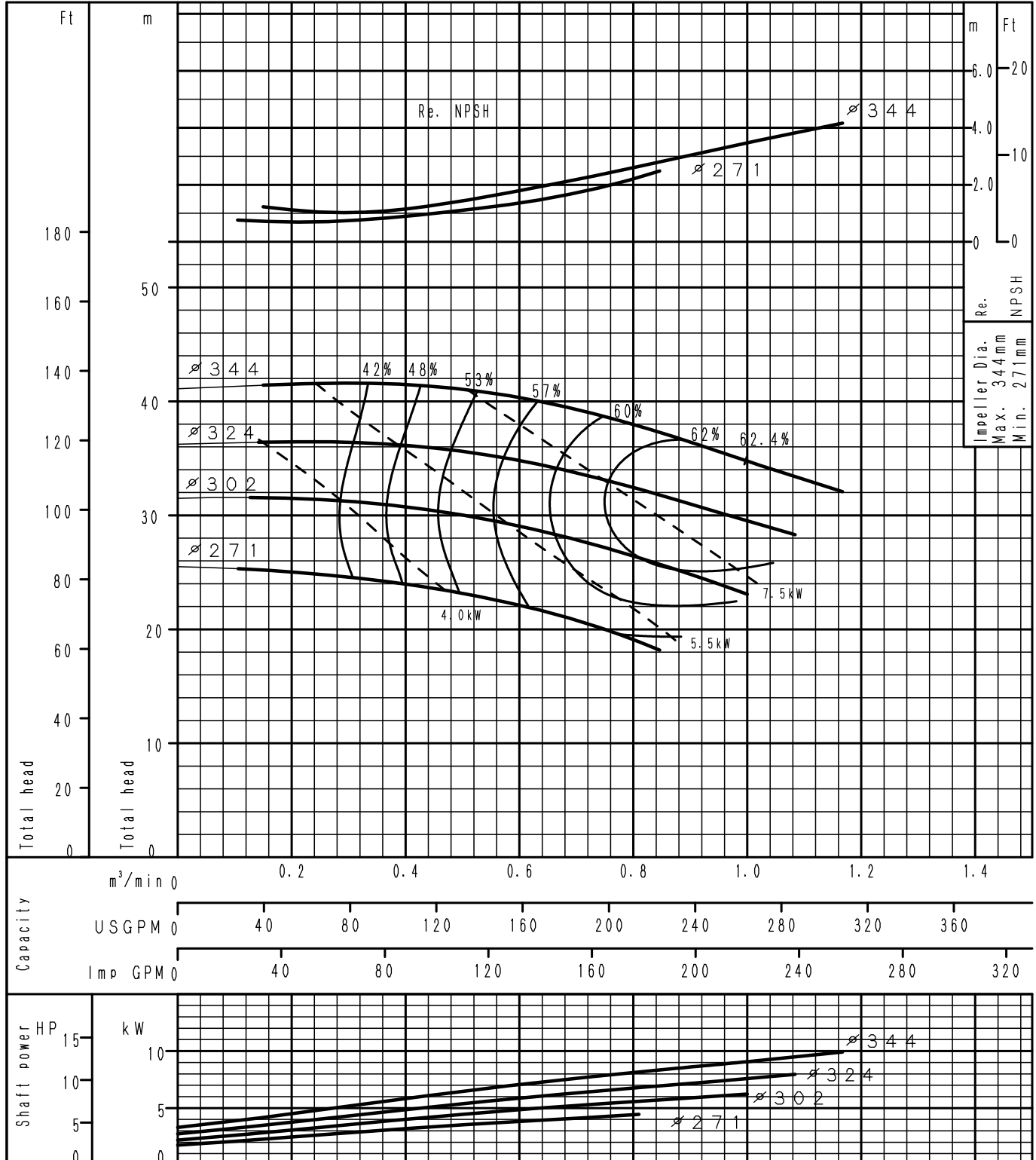
F8-1630835-00



Performance Curve

4 Poles

<h1 style="margin: 0;">GSS50-315</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

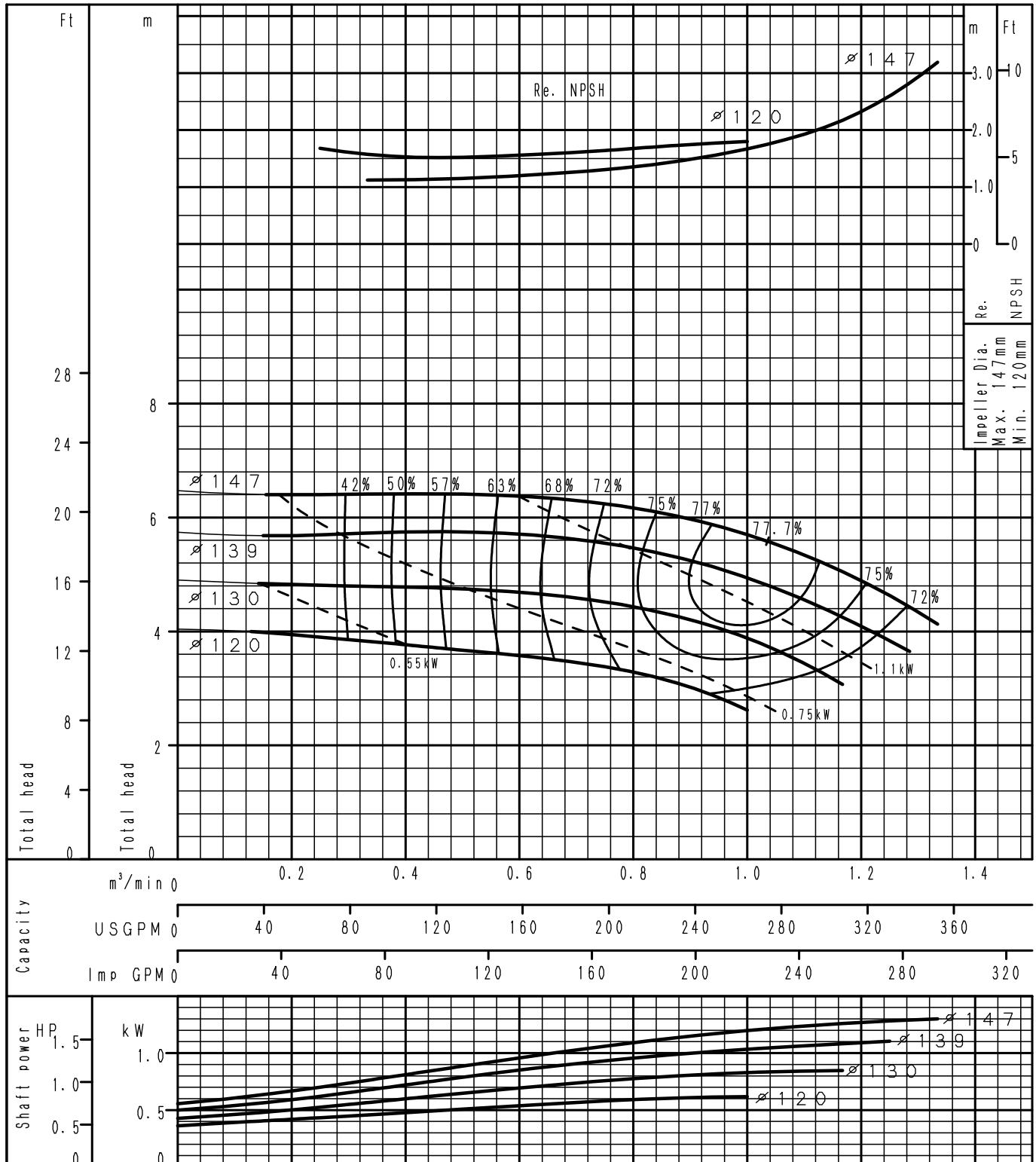


F8-1630836-00

Performance Curve

4 Poles

GSS65-125	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



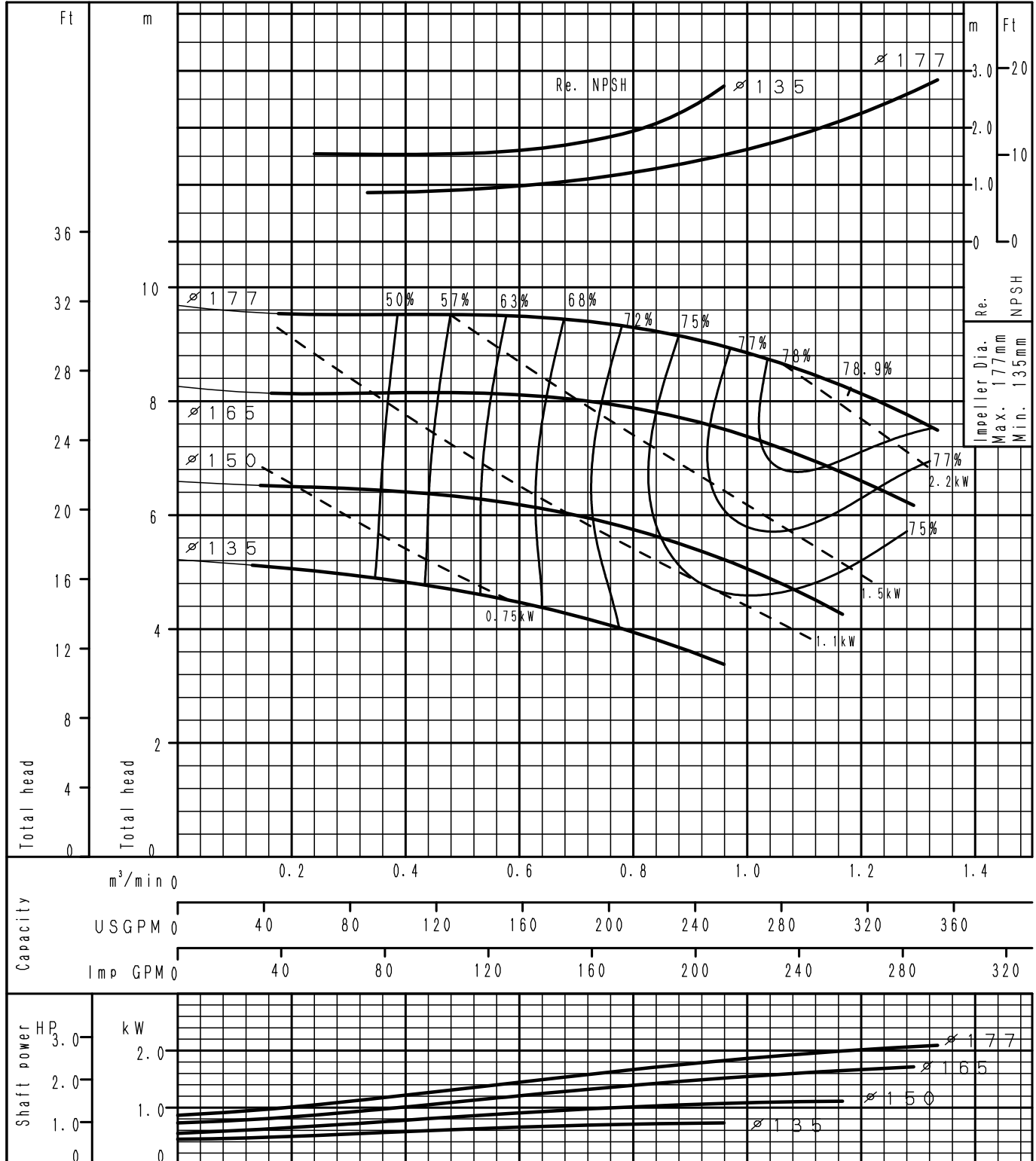
F8-1630837-00



Performance Curve

4 Poles

GSS65-160	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

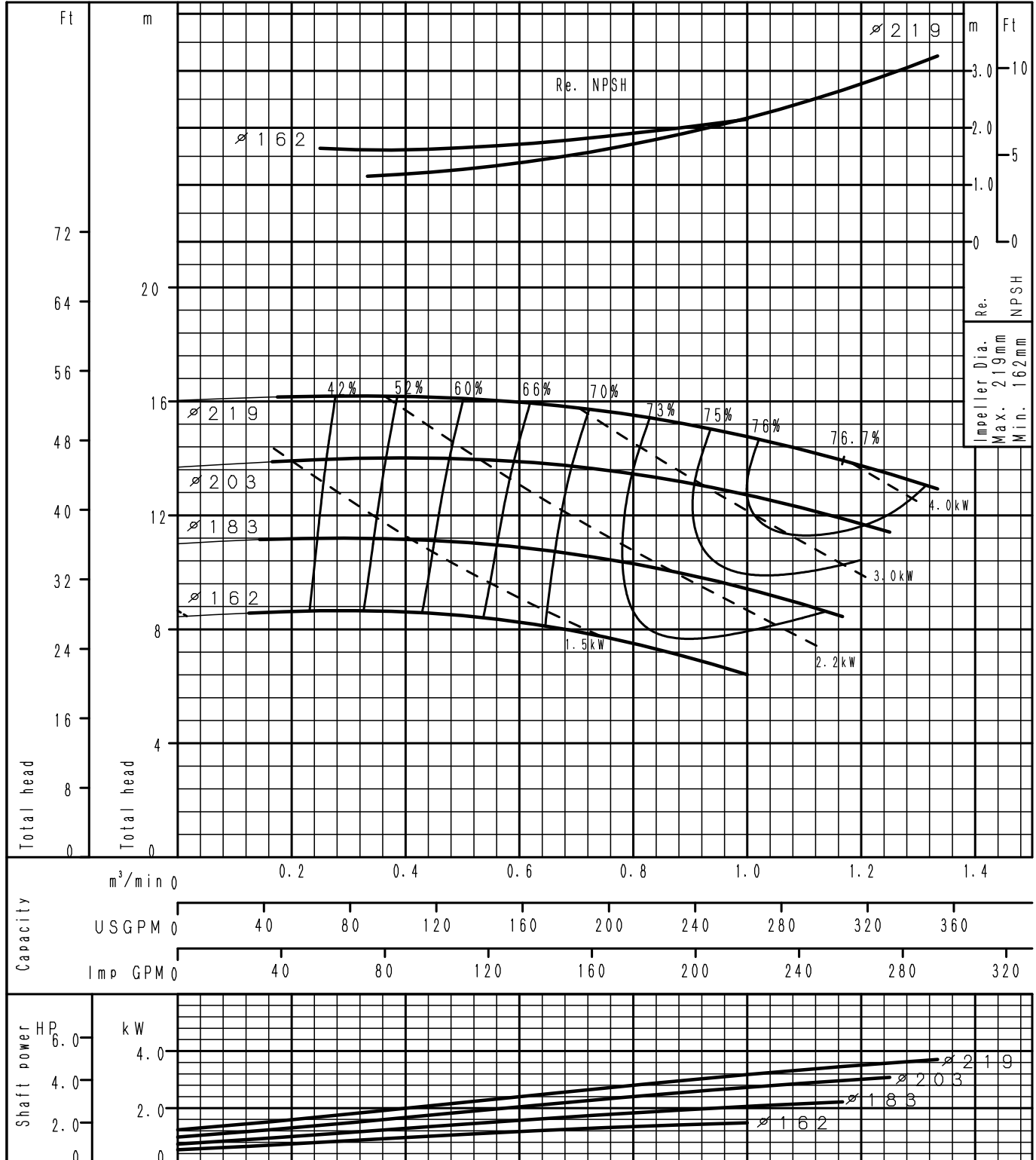


F8-1630838-00

Performance Curve

4 Poles

GSS65-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



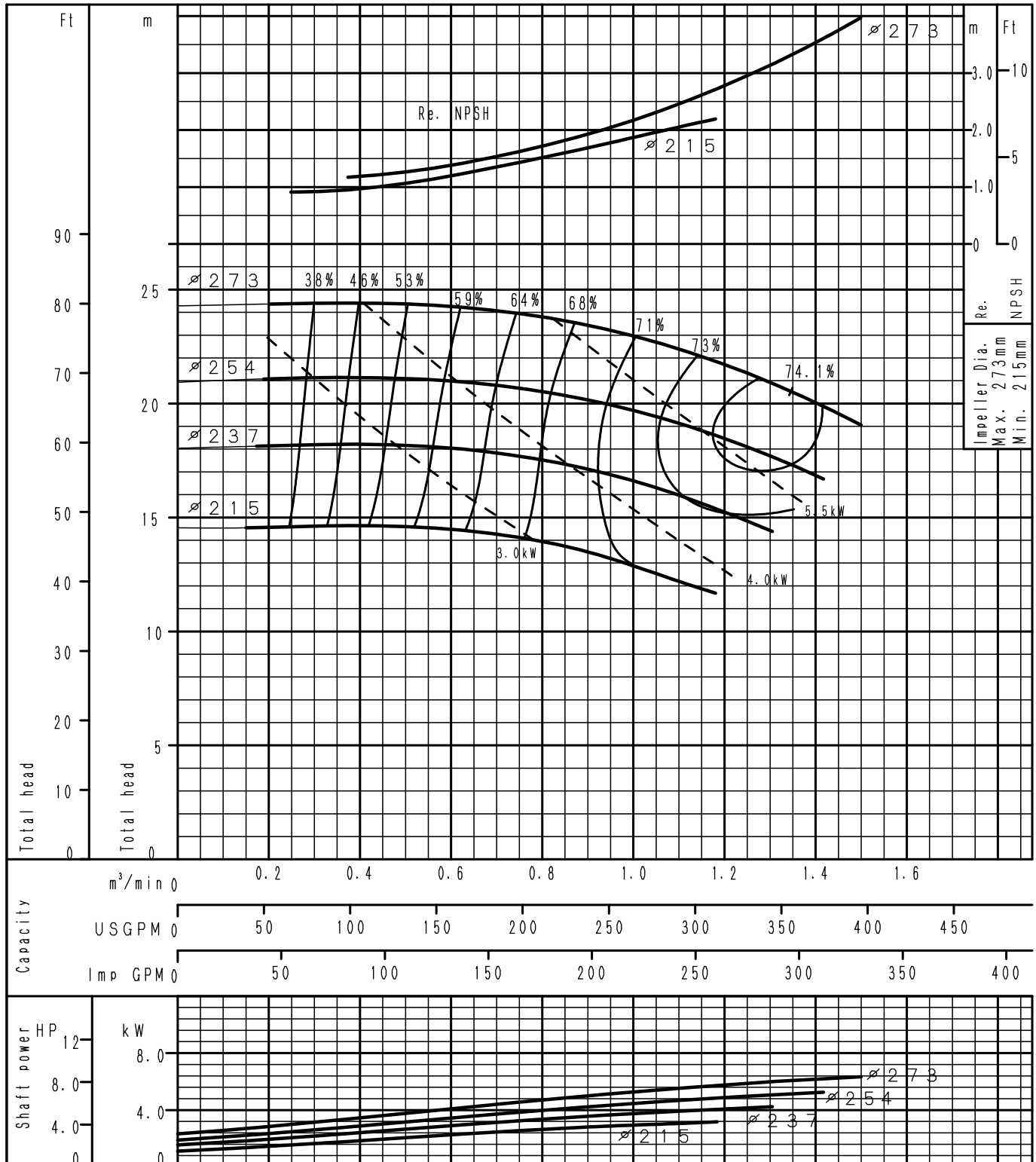
F8-1630839-00



Performance Curve

4 Poles

GSS65-250	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



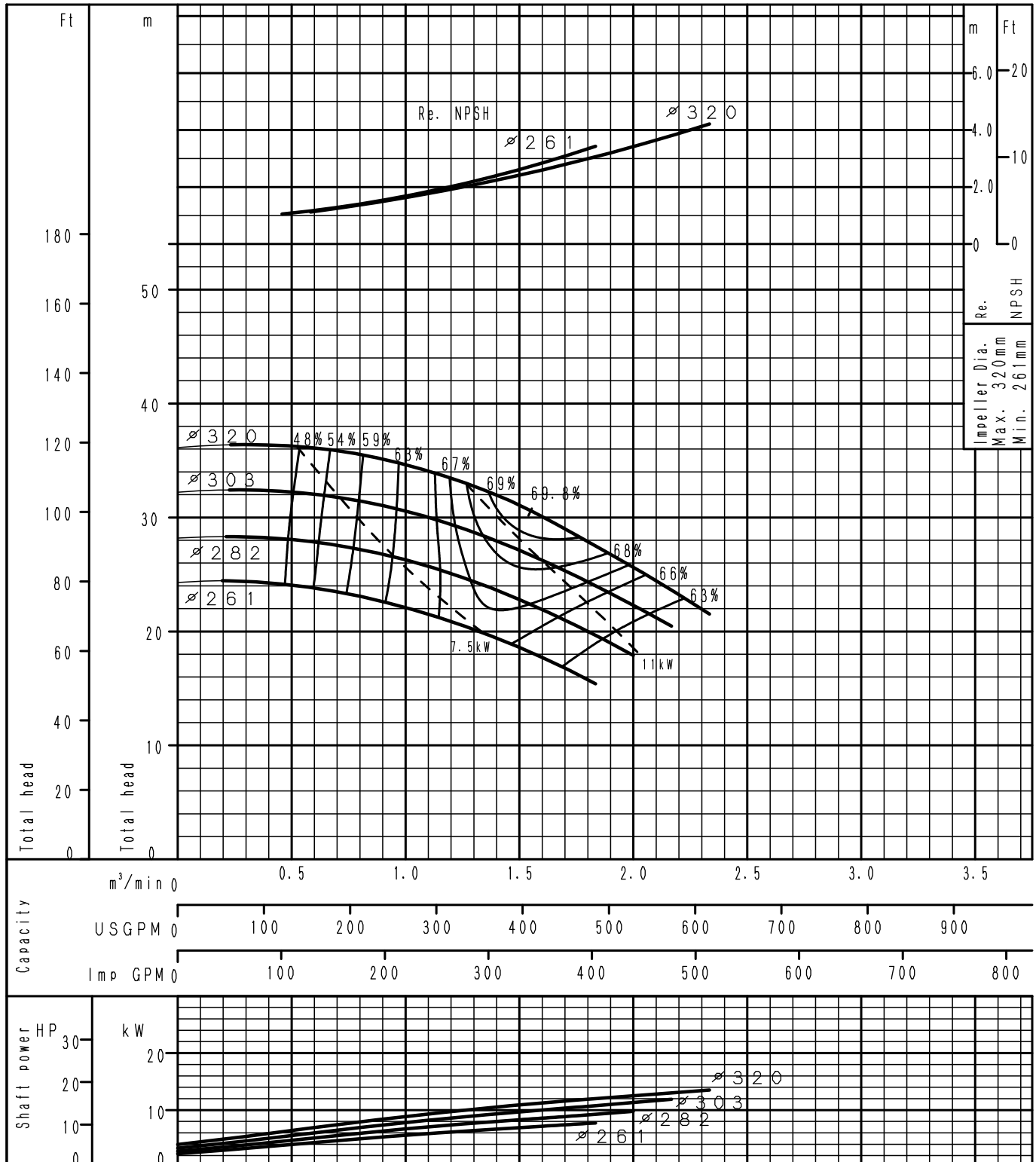
F8-1630840-00



Performance Curve

4 Poles

GSS65-315	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt

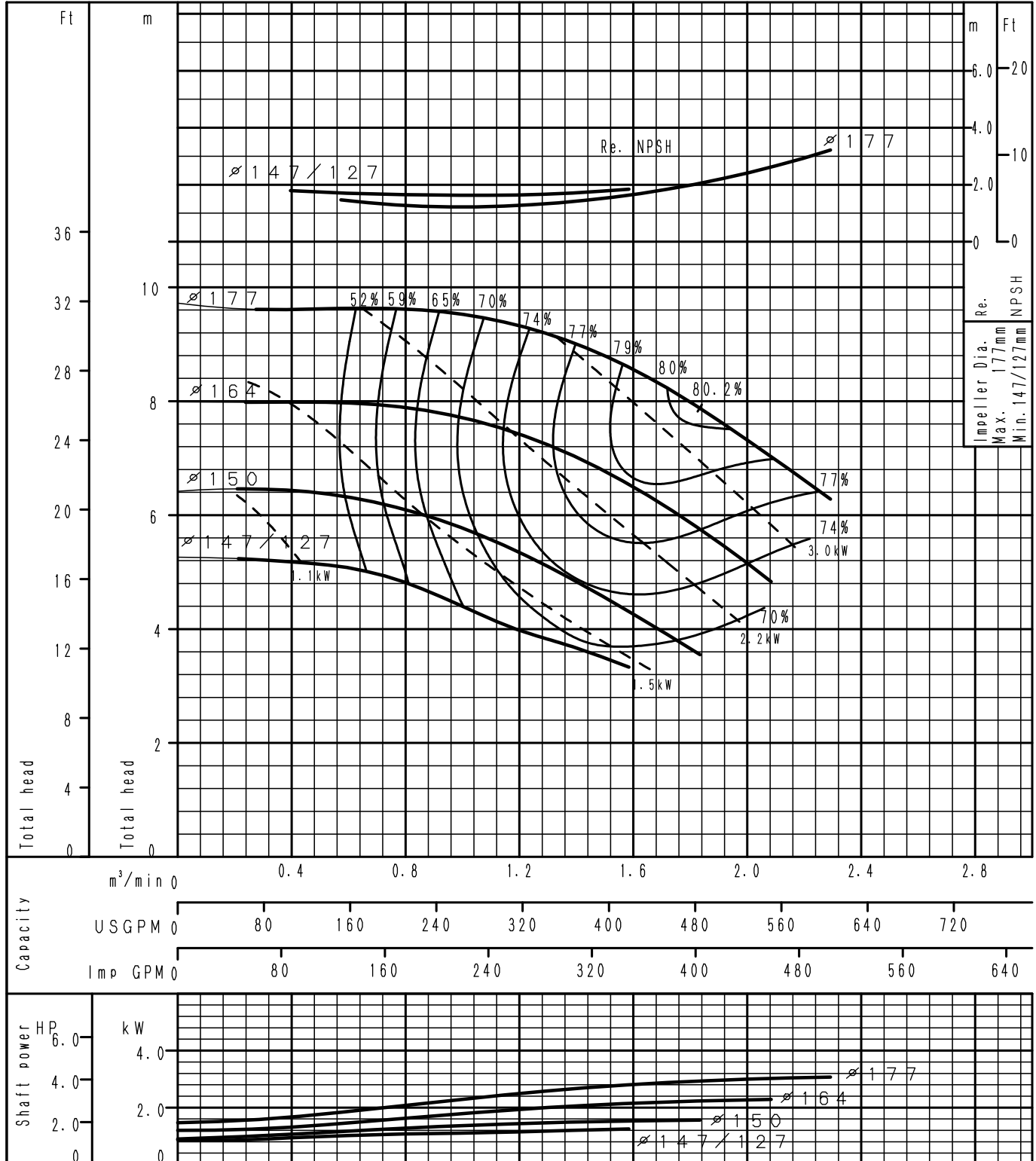


F8-1630841-00

Performance Curve

4 Poles

GSS80-160	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹) S.G. = 1.0 Vis. = 1.0 cSt	

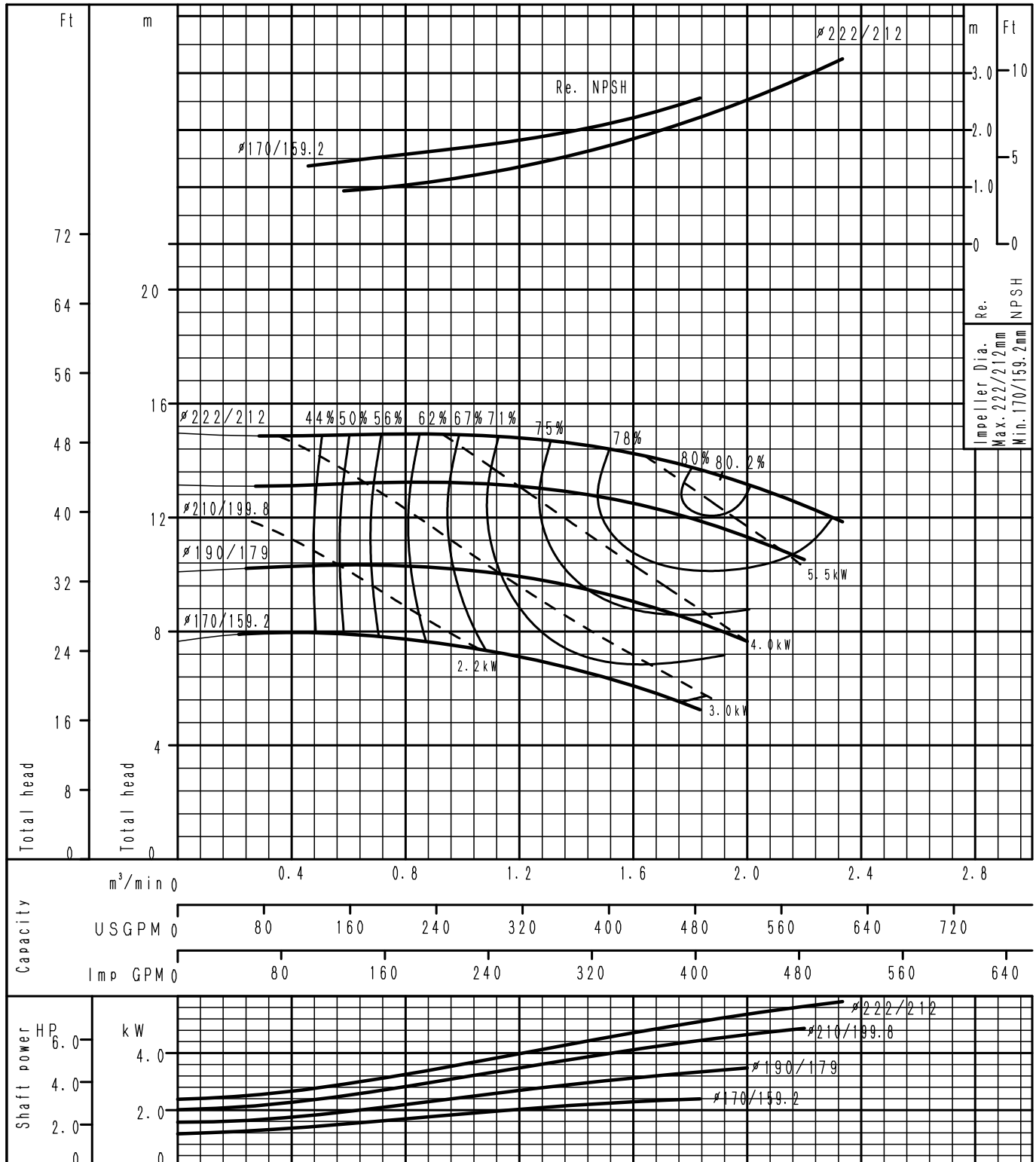


F8-1630842-00

Performance Curve

4 Poles

GSS80-200	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	
S.G. = 1.0 Vis. = 1.0 cSt	



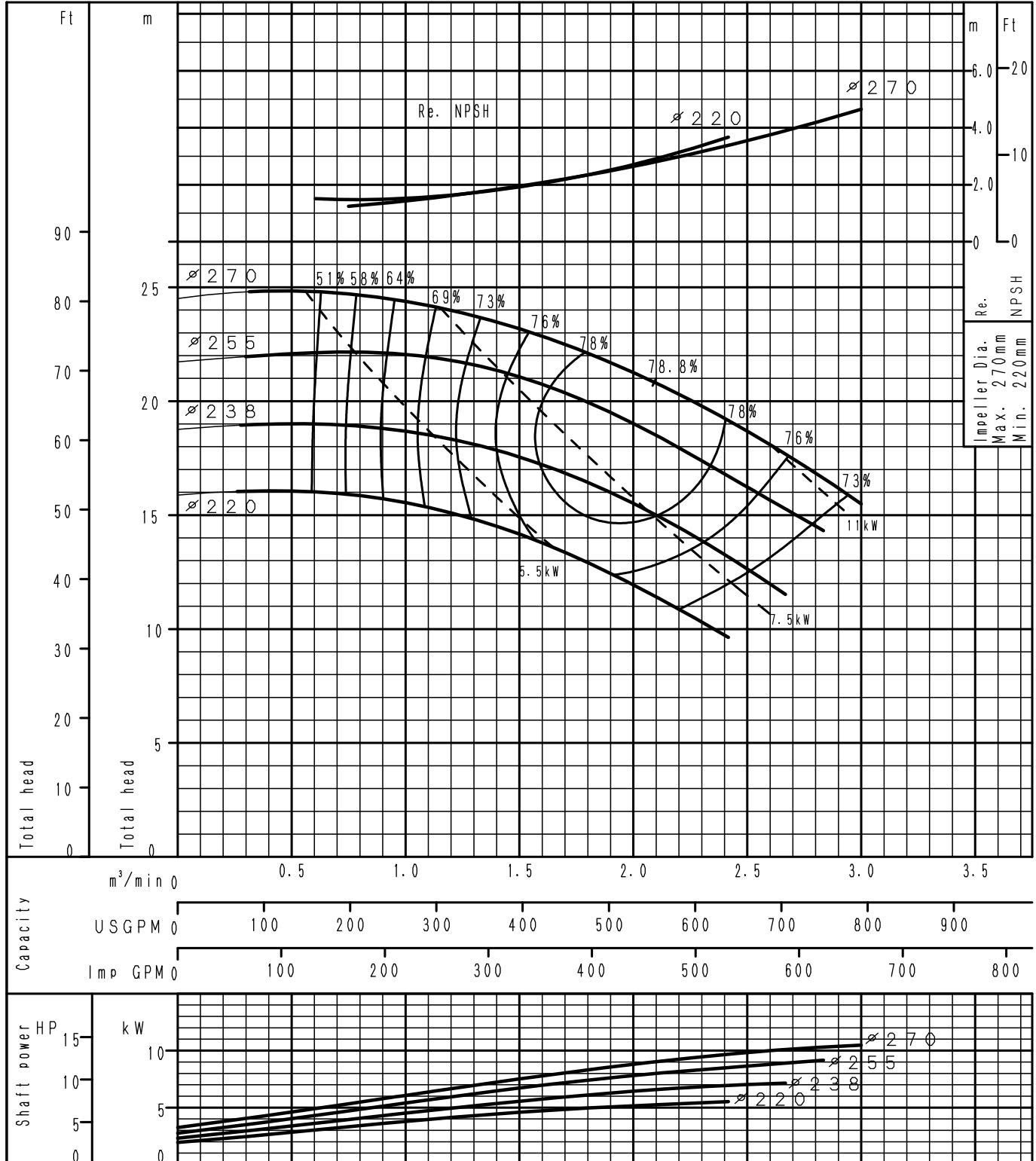
F8-1630843-00



Performance Curve

4 Poles

<h1 style="margin: 0;">GSS80-250</h1>	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



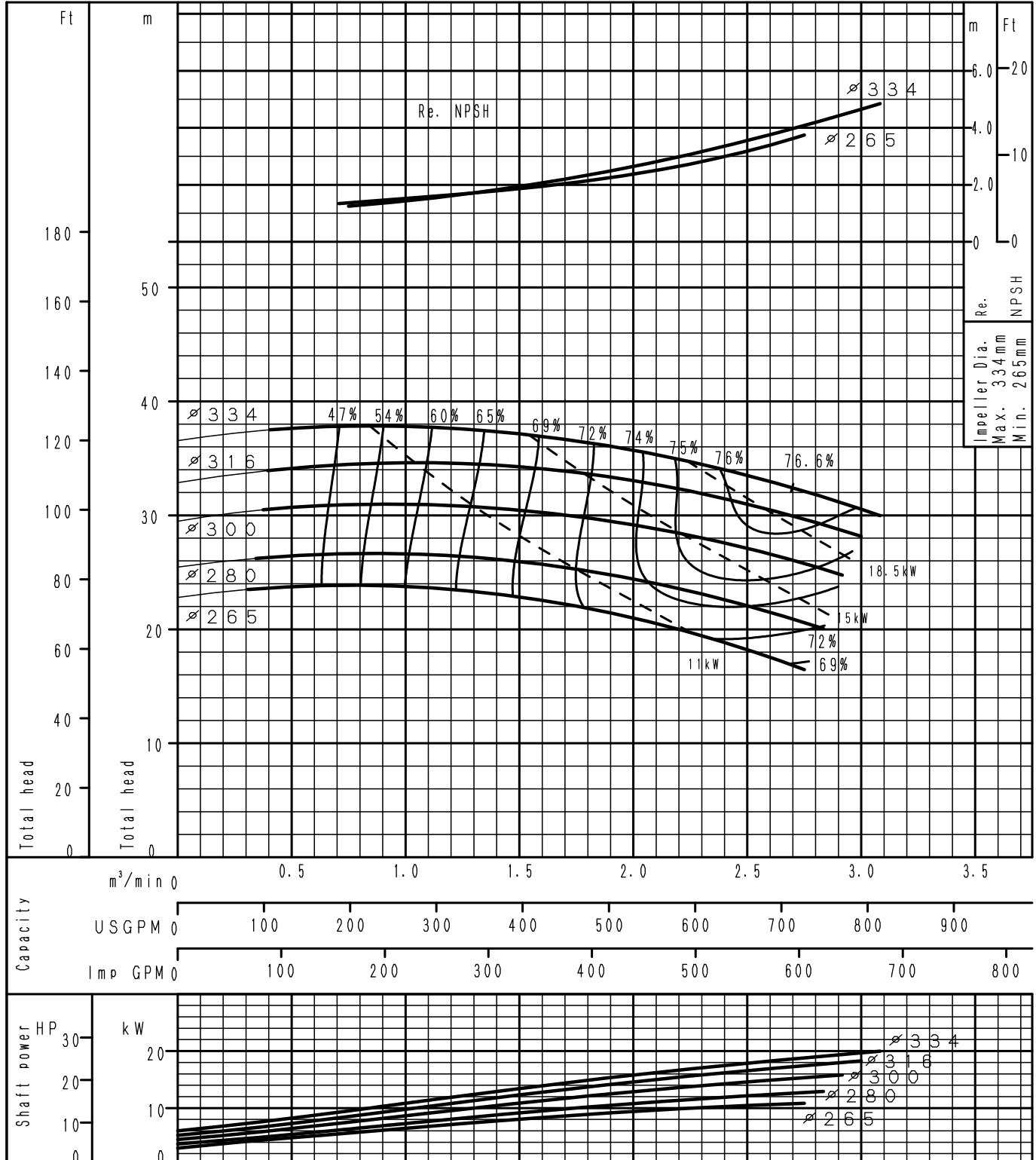
F8-1630844-00



Performance Curve

4 Poles

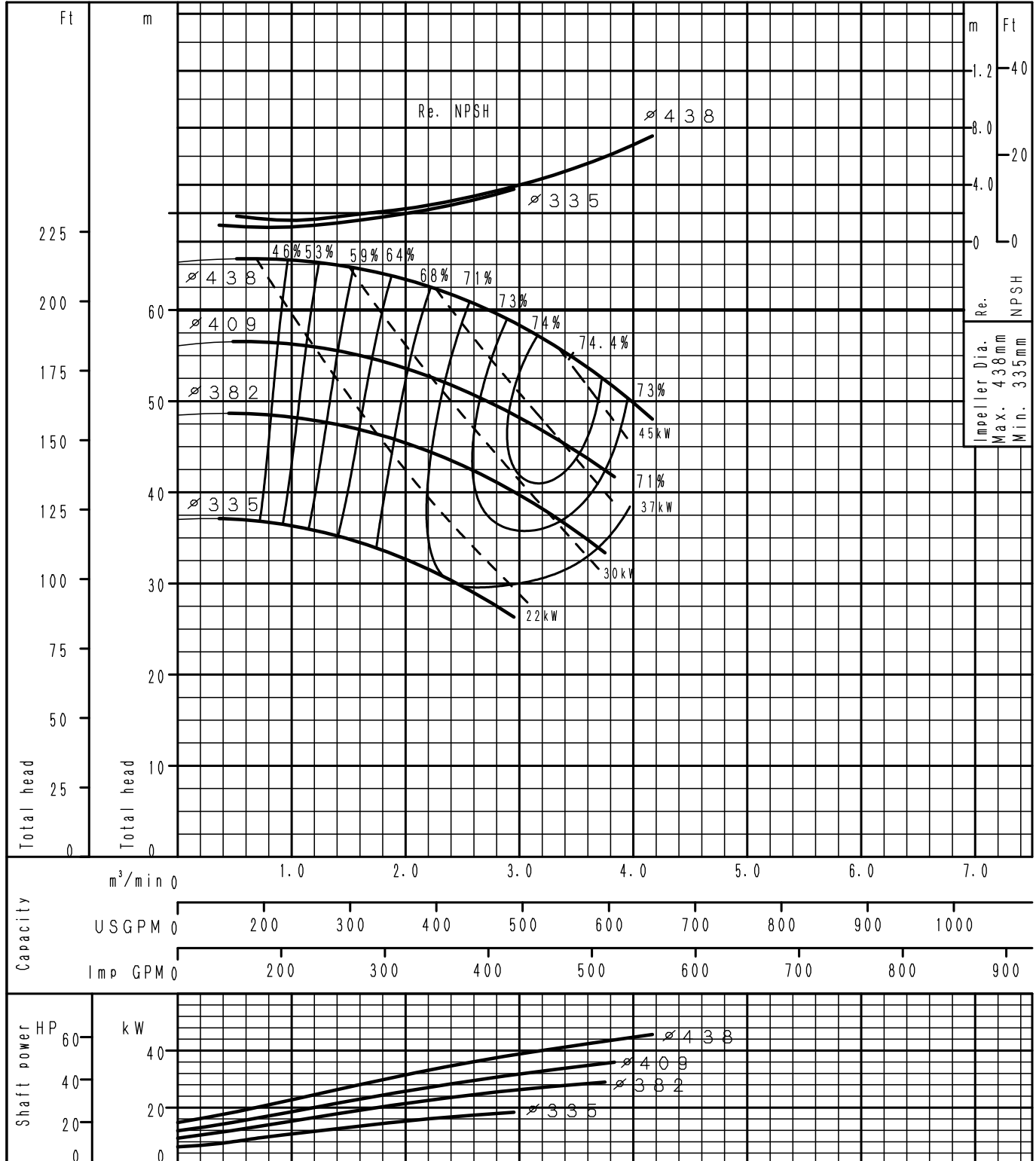
GSS80-315	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt



Performance Curve

4 Poles

GSS80-400	According to ISO testing code 9906 Grade 3B
50Hz (Speed 1450 min ⁻¹)	S.G. = 1.0 Vis. = 1.0 cSt





EBARA CORPORATION <https://www.ebara.co.jp>

11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

Haneda Head
Office, Tokyo



EBARA GLOBAL NETWORK

■ **Ebara International Corporation**

350 Salomon Circle, Sparks, NV 89434, U.S.A.
Phone 1-775-356-2796 Fax 1-775-356-2884

■ **Ebara Industrias Mecanicas e Comercio Ltda.**

Rua Joaquim Marques de Figueiredo 2-31, CEP 17034-290 Bauru S.P., Brazil
Phone 55-14-4009-0000 Fax 55-14-4009-0044

■ **Ebara Pumps Europe S.p.A.**

Via Campo Sportivo 30, 38023, Cles(Trento), Italy
Phone 39-0463-660411 Fax 39-0463-422782

■ **Ebara Espana Bombas S.A.**

C/Cormoranes nR 6y8, Poligono Industrial La Estacion, 28320, Pinto(Madrid), Spain
Phone 34-91-692-3630 Fax 34-91-691-0818

■ **Ebara Pumps Middle East FZE**

P.O.BOX61383 Jebel Ali, Dubai, UAE
Phone 971-4-883-8889

■ **Ebara Pumps Australia Pty. Ltd.**

7 Holloway Drive Bayswater, Victoria 3153, Australia
Phone 61-3-9761-3033 Fax 61-3-9761-3044

■ **Ebara Great Pumps Co., Ltd.**

North Industrial Zone, Phase II, Ruian, Zhejiang 325204, P.R.China
Phone 86-577-6532-2287 Fax 86-577-6532-3555

■ **Ebara Machinery (China) Co., Ltd.**

Room No.303, Beijing Fortune Plaza, No.7, Dongsanhuan Zhonglu Road, Chaoyang District, Beijing, 100020 P.R.China
Phone 86-10-6530-9996 Fax 86-10-6530-8968

■ **Ebara Machinery Zibo Co., Ltd.**

No.7 Kaifaqu North Road, New and High Technology Zone, Zibo City, Shandong Province 255086, P.R.China

Phone 86-533-3919555 Fax 86-533-3919567

■ **P.T.Ebara Indonesia**

Jl.Raya Jakarta-Bogor KM.32, Desa Curug, Cimanggis-Depok, Jawa Barat, 16953 Indonesia

Phone 62-21-8740852 Fax 62-21-8740033

■ **Ebara Pumps Malaysia Sdn. Bhd.**

6 Jalan TP3, UEP Subang Jaya Industrial Park, 47620 Subang Jaya, Selangor, Malaysia

Phone 60-3-8023-6622 Fax 60-3-8023-9355

■ **Ebara Pumps Philippines, Inc.**

Canlubang Industrial Estate, Cabuyao 4025, Laguna, Philippines

Phone 63-49-549-1806 Fax 63-49-549-1915

■ **Ebara Fluid Machinery Korea Co., Ltd.**

3rd Fl. Hyun-Seok Tower, 50, Seolleung-Ro 93-Gil, Gangnam-Gu, Seoul, 135-513 Korea

Phone 82-70-4362-1100 Fax 82-70-8230-2030

■ **Ebara Engineering Singapore Pte. Ltd.**

No.1 Tuas Link 2, Singapore 638550

Phone 65-6862-3536 Fax 65-6861-0589

■ **Ebara (Thailand) Limited**

3 Fl., ACME Bldg., 125 Petchburi Road, Thungphayathai, Rajthevee, Bangkok, 10400, Thailand

Phone 66-2216-4935 Fax 66-2216-4937

■ **Ebara Vietnam Pump Company Limited**

Nguyen Trai Road, Hai Duong City, Hai Duong Province, Vietnam

Phone 84-320-3850-182 Fax 84-320-3850-180