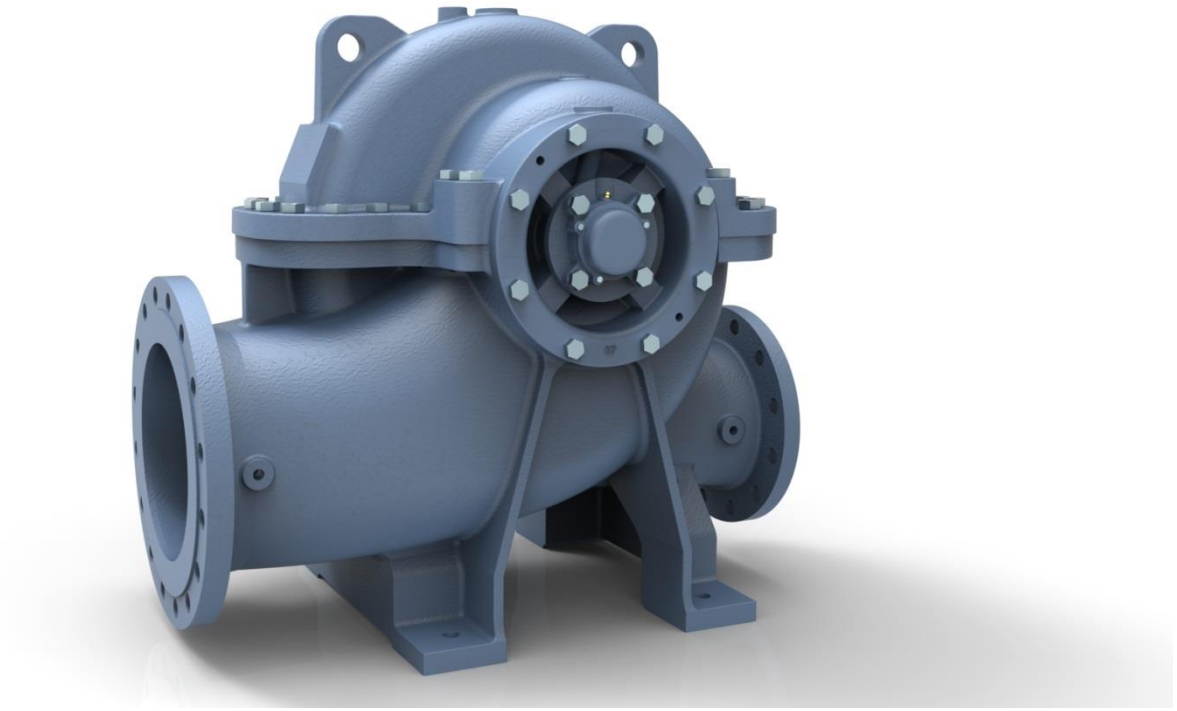
TECHNICAL DATA BOOK

CB HORIZONTAL SPLIT CASING PUMP

50HZ



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SELECTION CHART

50Hz m^3/min・m – 2P, 4P, 6P	E-1, 2, 3

PERFORMANCE CURVES

50Hz – 2P

125X80 CBJ , 150X100 CBJ , 150X125 CBH , 150X125 CBJ , 200X125 CBH

50Hz – 4P

125X80 CBJ , 125X80 CBK , 125X100 CBK , 150X100 CBJ , 150X100 CBK , 150X125 CBH , 150X125 CBJ , 150X150 CBG , 200X100 CBK , 200X125 CBH , 200X125 CBJ , 200X150 CBG , 200X150 CBH , 200X150 CBJ , 200X200 CBF , 250X150 CBH , 250X150 CBJ , 250X150 CBK , 250X200 CBF , 250X200 CBGX , 250X200 CBGY , 250X200 CBH , 300X150 CBK , 300X200 CBG , 300X200 CBH , 300X200 CBJX , 300X200 CBJY , 300X250 CBFX , 300X250 CBFY , 300X250 CBG , 300X250 CBH , 350X250 CBG , 350X250 CBH , 350X250 CBJ , 350X300 CBF , 400X300 CBG , 400X300 CBH , 400X300 CBJX , 400X350 CBF , 400X400 CBF

50Hz – 6P

350X250 CBH , 350X250 CBJ , 400X300 CBG , 400X300 CBH , 400X300 CBJX , 400X300 CBJY , 400X400 CBF , 450X300 CBH , 450X350 CBG , 450X350 CBJ , 450X400 CBF , 500X350 CBG , 500X350 CBH

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Main Applications

Water Supply

・Water supply duties for municipalities
・Irrigation (flooding,sprinkler,farming)
・Drainage clean water

General Industrial Systems

・Water supply
・Process cooling and chilled water systems
・Cooling systems and water condensing systems
・Water circulation
・Boiler feed systems

Building

・General water supply
・Air conditioning
・Water condensing systems
・Fire protection

Product Features

Energy-saving Design

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

Simple Maintenance

・Very compact design for ease of installation and permits minimum maintenance.
・Axially split casing allows the easy removal of the top casing for inspection and service.
・Shield bearings eliminate need for adding or exchanging lubricating oil.
・Shaft seal flushing and quenching piping not required for the standard application.

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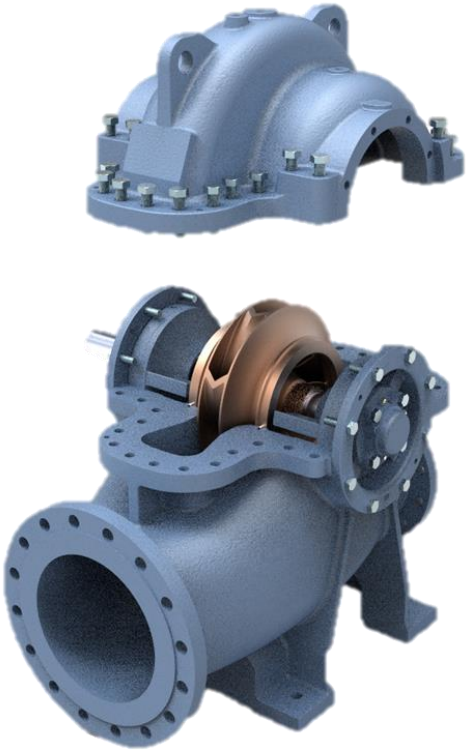
SPECIFICATION - Model Code



300 x 200 CB 2 G 5 75

- 75 — Output in Kw : 75
- 5 — Frequency 50Hz : 5
- G — Hydraulic code
- 2 — 2 Poles drive (4 Poles drive:Non;6 Poles drive:6)
- CB — Model
- 200 — Discharge nozzle, Nominal size in millimeter
- 300 — Suction nozzle, Nominal size in millimeter

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SPECIFICATION - General Description

Pump specification

Capacities		To 53 m^3/min (50Hz)
Heads		To 135 m (50Hz)
Liquid Handled	Type of liquid	Clean water,Industrial water,River water
	Temperature	0 to 80°C
Max. Operating Pressure		16bar（1.6MPa)
Construction	Impeller	Closed double suction
	Shaft seal	Mechanical Seal
	Flushing	No Flushing
	Ball Bearing	Sealed ball bearing (grease lubrication)
Flange		JIS 16K RF,GB PN16 RF
Material	Casing	FC250 or FCD450 *1
	Impeller	CAC406 or SCS13 *2
	Main shaft	SUS420J1
	Mechanical Seal	Ceramic/Carbon NBR or Silicon carbide/Carbon FPM *3

*1: It is applicable for Model 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX , 400X300CBJY, 400X400CBF, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH

*2: It is applicable for Model 400X300CBJX, 400X300CBJY, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH

*3: It is applicable for Model 350X250CBJ, 400X300CBH, 400X300CBJX, 400X300CBJY, 450X350CBJ, 500X350CBH

Motor specification

Number of poles	2 poles	4 poles	6 poles
Synchronous speed	3000min^{-1}	1500min^{-1}	1000min^{-1}
Phase	3 Phase		
Voltege	380V ±10%		
Type	Totally enclosed fan cooled (indoors)		
Protection	IP55		
Frequency	30～50Hz		

* Optional:

1. Totally enclosed fan cooled (indoors)
2. Varying frequency running (5～50Hz)
3. Other types of motor that user require

Accessories

Standard:

・Common base
・Coupling
・Coupling guard

Optional:

・Disc coupling

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TECHNICAL DATA - Impeller Data

— Not applicable Model Unit : mm

Model	50Hz					
	2P		4P		6P	
	Max	Min	Max	Min	Max	Min
125X80CBJ	228	191	228	191	—	—
125X80CBK	—	—	292	234	—	—
125X100CBK	—	—	328	262	—	—
150X100CBJ	255	214	255	214	—	—
150X100CBK	—	—	368	294	—	—
150X125CBH	216	166	216	166	—	—
150X125CBJ	286	239	286	239	—	—
150X150CBG	—	—	196	165	—	—
200X100CBK	—	—	413	330	—	—
200X125CBH	242	186	242	186	—	—
200X125CBJ	—	—	319	267	—	—
200X150CBG	—	—	220	185	—	—
200X150CBH	—	—	272	209	—	—
200X150CBJ	—	—	357	299	—	—
200X200CBF	—	—	197	165	—	—
250X150CBH	—	—	306	235	—	—
250X150CBJ	—	—	401	336	—	—
250X150CBK	—	—	463	370	—	—
250X200CBF	—	—	221	185	—	—
250X200CBGX	—	—	247	207	—	—
250X200CBGY	—	—	277	233	—	—
250X200CBH	—	—	343	264	—	—
300X150CBK	—	—	521	416	—	—
300X200CBG	—	—	311	261	—	—
300X200CBH	—	—	386	296	—	—
300X200CBJX	—	—	448	376	—	—
300X200CBJY	—	—	503	421	—	—
300X250CBFX	—	—	247	208	—	—
300X250CBFY	—	—	277	232	—	—
300X250CBG	—	—	349	293	—	—
300X250CBH	—	—	432	332	—	—
350X250CBG	—	—	392	329	—	—
350X250CBH	—	—	486	373	486	373
350X250CBJ	—	—	563	472	563	472
350X300CBF	—	—	311	261	—	—
400X300CBG	—	—	440	369	440	369
400X300CBH	—	—	544	418	544	418
400X300CBJX	—	—	631	528	631	528
400X300CBJY	—	—	—	—	707	593
400X350CBF	—	—	349	293	—	—
400X400CBF	—	—	391	328	391	328
450X300CBH	—	—	—	—	612	470
450X350CBG	—	—	—	—	494	414
450X350CBJ	—	—	—	—	793	665
450X400CBF	—	—	—	—	439	370
500X350CBG	—	—	—	—	555	465
500X350CBH	—	—	—	—	687	528

EBARA reserves the right to make changes without prior notice.

TECHNICAL DATA - Noise Data

— Not applicable Model Unit : bB(A)

Model	50Hz		
	2P	4P	6P
125X80CBJ	77	72	—
125X80CBK	—	74	—
125X100CBK	—	76	—
150X100CBJ	79	73	—
150X100CBK	—	78	—
150X125CBH	77	72	—
150X125CBJ	80	75	—
150X150CBG	—	72	—
200X100CBK	—	79	—
200X125CBH	79	74	—
200X125CBJ	—	76	—
200X150CBG	—	72	—
200X150CBH	—	75	—
200X150CBJ	—	78	—
200X200CBF	—	73	—
250X150CBH	—	77	—
250X150CBJ	—	79	—
250X150CBK	—	80	—
250X200CBF	—	75	—
250X200CBGX	—	75	—
250X200CBGY	—	76	—
250X200CBH	—	78	—
300X150CBK	—	82	—
300X200CBG	—	78	—
300X200CBH	—	79	—
300X200CBJX	—	80	—
300X200CBJY	—	82	—
300X250CBFX	—	76	—
300X250CBFY	—	77	—
300X250CBG	—	79	—
300X250CBH	—	81	—
350X250CBG	—	81	—
350X250CBH	—	82	79
350X250CBJ	—	83	80
350X300CBF	—	78	—
400X300CBG	—	82	79
400X300CBH	—	84	80
400X300CBJX	—	84	81
400X300CBJY	—	—	83
400X350CBF	—	80	—
400X400CBF	—	81	78
450X300CBH	—	—	82
450X350CBG	—	—	80
450X350CBJ	—	—	84
450X400CBF	—	—	79
500X350CBG	—	—	82
500X350CBH	—	—	83

Note : The overall sound pressure level is the value measured 1m away from the pump unit and does not include driver noise.
This data is for reference and may differ from the actual noise level.

EBARA reserves the right to make changes without prior notice.

TECHNCAL DATA - Nominal Dimension of Parts

Model	Shaft Diameter (mm)	At Radial Bearing	At Thrust Bearing	CP side Mechanical Seal	CCP side Mechanical Seal
125X80CBJ	28	UCFC206FC	UCFC206FD	0350 / T 2100	0350 / T 2100
125X80CBK	28	UCFC206FC	UCFC206FD	0350 / T 2100	0350 / T 2100
125X100CBK	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
150X100CBJ	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
150X100CBK	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
150X125CBH	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
150X125CBJ	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
150X150CBG	28	UCFC206FC	UCFC206FD	0350 / T 2100	0350 / T 2100
200X100CBK	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
200X125CBH	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
200X125CBJ	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
200X150CBG	28	UCFC206FC	UCFC206FD	0350 / T 2100	0350 / T 2100
200X150CBH	28	UCFC206FC	UCFC206FD	0350 / T 2100	0350 / T 2100
200X150CBJ	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
200X200CBF	28	UCFC206FC	UCFC206FD	0350 / T 2100	0350 / T 2100
250X150CBH	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
250X150CBJ	55	UCFC212FC	UCFC210FD	0650 / T 2100	0550 / T 2100
250X150CBK	65	UCFC214FC	UCFC212FD	0750 / T 2100	0650 / T 2100
250X200CBF	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
250X200CBGX	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
250X200CBGY	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
250X200CBH	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
300X150CBK	65	UCFC214FC	UCFC212FD	0750 / T 2100	0650 / T 2100
300X200CBG	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
300X200CBH	55	UCFC212FC	UCFC210FD	0650 / T 2100	0550 / T 2100
300X200CBJX	65	UCFC214FC	UCFC212FD	0750 / T 2100	0650 / T 2100
300X200CBJY	75	UCFC216FC	UCFC214FD	0850 / T 2100	0750 / T 2100
300X250CBFX	38	UCFC208FC	UCFC206FD	0450 / T 2100	0350 / T 2100
300X250CBFY	48	UCFC210FC	UCFC208FD	0550 / T 2100	0450 / T 2100
300X250CBG	65	UCFC214FC	UCFC212FD	0750 / T 2100	0650 / T 2100
300X250CBH	65	UCFC214FC	UCFC212FD	0750 / T 2100	0650 / T 2100
350X250CBG	75	UCFC216FC	UCFC214FD	0850 / T 2100	0750 / T 2100
350X250CBH	75	UCFC216FC	UCFC214FD	0850 / T 2100	0750 / T 2100
350X250CBJ	95	UCFCX20C	UCFC218FD	1047 / T 8-1	0950 / T 2100
350X300CBF	55	UCFC212FC	UCFC210FD	0650 / T 2100	0550 / T 2100
400X300CBG	85	UCFC218FC	UCFC216FD	0950 / T 2100	0850 / T 2100
400X300CBH	95	UCFCX20C	UCFC218FD	1047 / T 8-1	0950 / T 2100
400X300CBJX	105	UCFS322C	UCFS320FD	1174 / T 8-1	1079 / T 8-1
400X300CBJY	95	UCFCX20C	UCFC218FD	1047 / T 8-1	0950 / T 2100
400X350CBF	65	UCFC214FC	UCFC212FD	0750 / T 2100	0650 / T 2100
400X400CBF	75	UCFC216FC	UCFC214FD	0850 / T 2100	0750 / T 2100
450X300CBH	85	UCFC218FC	UCFC216FD	0950 / T 2100	0850 / T 2100
450X350CBG	75	UCFC216FC	UCFC214FD	0850 / T 2100	0750 / T 2100
450X350CBJ	115	UCFS324C	UCFS322FD	1270 / T 8-1	1174 / T 8-1
450X400CBF	65	UCFC214FC	UCFC212FD	0750 / T 2100	0650 / T 2100
500X350CBG	85	UCFC218FC	UCFC216FD	0950 / T 2100	0850 / T 2100
500X350CBH	95	UCFCX20C	UCFC218FD	1047 / T 8-1	0950 / T 2100

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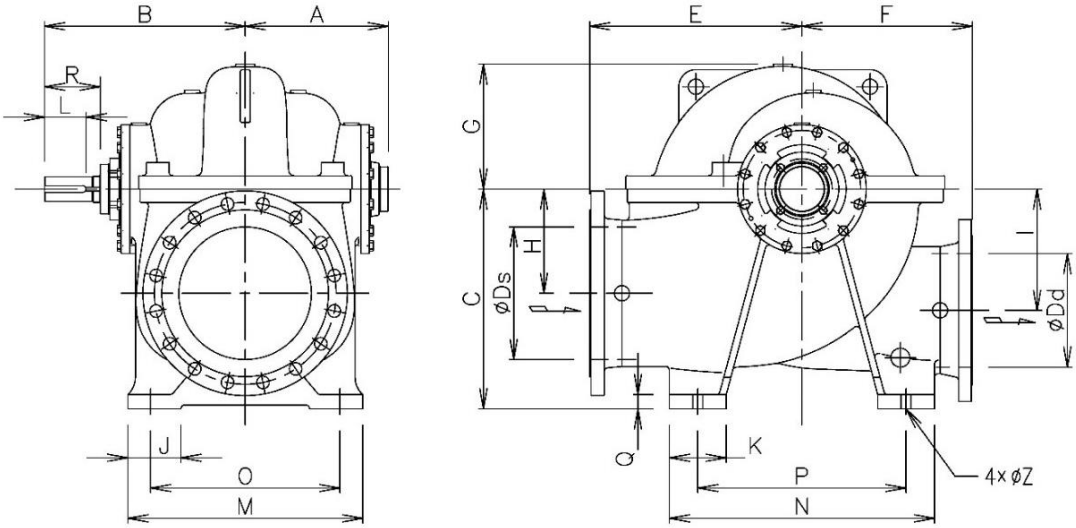
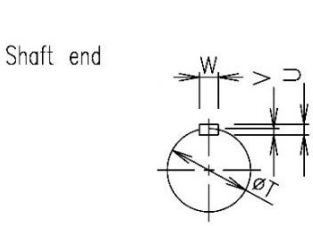
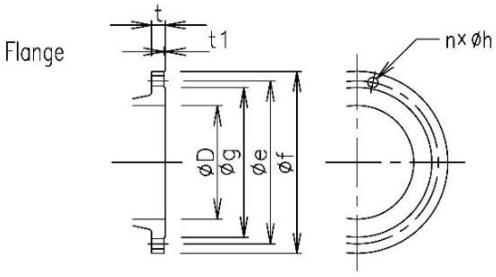
DIMENSIONS - Dimensions of Bare Shaft Pump

PUMP







■Cast Iron 16bar Flange (JIS 16K)

Units:mm

	D	g	e	f	t	t1	n	h
	80	132	160	200	24	2	8	φ23
	100	160	185	225	26	2	8	φ23
	125	195	225	270	26	2	8	φ25
	150	230	260	305	28	2	12	φ25
*	200	275	305	350	30	2	12	φ25
*	250	345	380	430	34	2	12	φ27
*	300	395	430	480	36	3	16	φ27
*	350	440	480	540	38	3	16	φ33
*	400	495	540	605	42	3	16	φ33
*	450	560	605	675	46	3	20	φ33
*	500	615	660	730	50	3	20	φ33

***■Ductile Cast Iron 16bar Flange (JIS 16K)**

Units:mm

D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	275	305	350	26	2	12	φ25
250	345	380	430	28	2	12	φ27
300	395	430	480	30	3	16	φ27
350	440	480	540	34	3	16	φ33
400	495	540	605	38	3	16	φ33
450	560	605	675	40	3	20	φ33
500	615	660	730	42	3	20	φ33

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X300CBJY, 400X400CBF, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH use the legal dimensions of Ductile Cast Iron

■Cast Iron 16bar Flange (GB PN16)

Units:mm

	D	g	e	f	t	t1	n	h
	80	132	160	200	22	3	8	φ19
	100	156	180	220	24	3	8	φ19
	125	184	210	250	26	3	8	φ19
	150	211	240	285	26	3	8	φ23
*	200	266	295	340	30	3	12	φ23
*	250	319	355	405	32	3	12	φ28
*	300	370	410	460	32	4	12	φ28
*	350	429	470	520	36	4	16	φ28
*	400	480	525	580	38	4	16	φ31
*	450	548	585	640	40	4	20	φ31
*	500	609	650	715	42	4	20	φ34

***■Ductile Cast Iron 16bar Flange (GB PN16)**

Units:mm

D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	266	295	340	20	3	12	φ23
250	319	355	405	22	3	12	φ28
300	370	410	460	24.5	4	12	φ28
350	429	470	520	26.5	4	16	φ28
400	480	525	580	28	4	16	φ31
450	548	585	640	30	4	20	φ31
500	609	650	715	31.5	4	20	φ34

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X300CBJY, 400X400CBF, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH use the legal dimensions of Ductile Cast Iron

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimensions of Bare Shaft Pump

■2P

Units:mm

MODEL	Size		Pump																Shaft						Wt
	Ds	Dd	A	B	C	E	F	G	H	I	J	K	M	N	O	P	Q	Z	L	R	T	U	V	W	(KG)
125X80CBJ	125	80	188	272	310	300	250	170	165	165	60	70	300	290	250	230	20	19	56	60.1	28	8	5	10	110
150X100CBJ	150	100	202.5	327.5	340	310	280	200	175	185	60	70	300	290	250	230	20	19	80	88	38	8	5	10	170
150X125CBH	150	125	210	335	360	330	290	180	185	175	80	90	380	360	310	270	25	19	80	84.5	38	8	5	10	170
150X125CBJ	150	125	234	366	370	340	315	224	205	205	80	90	380	360	310	270	25	19	90	102	48	9	5.5	14	200
200X125CBH	200	125	221.5	348.5	385	340	265	215	200	200	80	90	380	360	310	270	25	19	80	88	38	8	5	10	190

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimensions of Bare Shaft Pump

■4P

Units:mm

MODEL	Size		Pump																Shaft						Wt
	Ds	Dd	A	B	C	E	F	G	H	I	J	K	M	N	O	P	Q	Z	L	R	T	U	V	W	(KG)
125X80CBJ	125	80	188	272	310	300	250	170	165	165	60	70	300	290	250	230	20	19	56	60.1	28	8	5	10	110
125X80CBK	125	80	225	310	290	330	250	195	140	180	70	80	340	320	280	250	20	19	63	70	28	8	5	10	170
125X100CBK	125	100	245	370	345	370	280	230	180	200	80	90	380	360	310	270	25	19	80	91	38	8	5	10	240
150X100CBJ	150	100	202.5	327.5	340	310	280	200	175	185	60	70	300	290	250	230	20	19	80	88	38	8	5	10	170
150X100CBK	150	100	272	403	380	415	305	255	180	230	90	100	430	400	350	300	25	19	90	99	48	9	5.5	14	310
150X125CBH	150	125	210	335	360	330	290	180	185	175	80	90	380	360	310	270	25	19	80	84.5	38	8	5	10	170
150X125CBJ	150	125	234	366	370	340	315	224	205	205	80	90	380	360	310	270	25	19	90	102	48	9	5.5	14	200
150X150CBG	150	150	225	320	350	305	275	170	175	165	80	90	380	360	310	270	25	19	63	85	28	8	5	10	150
200X100CBK	200	100	285	420.5	430	465	350	275	185	255	100	110	480	450	390	340	25	24	100	109	48	9	5.5	14	430
200X125CBH	200	125	221.5	348.5	385	340	265	215	200	200	80	90	380	360	310	270	25	19	80	88	38	8	5	10	190
200X125CBJ	200	125	221.5	348.5	405	400	280	240	210	230	80	90	380	360	310	270	25	19	80	88	38	8	5	10	240
200X150CBG	200	150	255	350	370	330	285	205	185	185	80	100	430	400	350	300	25	19	80	91	28	8	5	10	210
200X150CBH	200	150	242.5	352.5	395	380	260	240	210	220	90	100	430	400	350	300	25	19	80	90	28	8	5	10	260
200X150CBJ	200	150	265.5	389.5	425	405	390	275	230	260	90	100	430	400	350	300	25	19	90	96	48	9	5.5	14	380
200X200CBF	200	200	245	340	385	380	320	210	200	200	90	100	430	400	350	300	25	19	63	70	28	8	5	10	230
250X150CBH	250	150	272	408	460	425	290	264	230	250	100	110	480	450	390	340	25	24	90	101	38	8	5	10	340
250X150CBJ	250	150	294	451	480	450	440	310	250	290	100	110	480	450	390	340	25	24	100	111	55	10	6	16	470
250X150CBK	250	150	345	520	480	520	390	310	205	285	110	120	550	520	450	400	30	24	110	123	65	11	7	18	630
250X200CBF	250	200	275	390	450	395	315	243	225	225	100	110	480	450	390	340	25	24	80	86	38	8	5	10	320
250X200CBGX	250	200	270	385	435	370	300	225	210	210	90	110	480	450	390	340	25	24	80	86	38	8	5	10	270
250X200CBGY	250	200	290	415	475	415	340	250	235	235	100	120	550	520	450	400	30	24	90	99	48	9	5.5	14	340
250X200CBH	250	200	284.5	420.5	505	475	350	280	260	280	110	120	550	520	450	400	30	24	100	109	48	9	5.5	14	470
300X150CBK	300	150	350	535	485	600	440	345	235	320	110	120	550	520	450	400	25	24	125	133	65	11	7	18	860
300X200CBG	300	200	310	460	525	465	355	270	260	265	110	120	550	520	450	400	30	24	100	115	48	9	5.5	14	580
300X200CBH	300	200	310	490	560	535	405	320	295	315	110	120	550	520	450	400	30	24	110	124	55	10	6	16	690
300X200CBJX	300	200	321	480	545	505	495	336	280	320	110	130	550	520	450	400	30	24	110	124.5	65	11	7	18	720
300X200CBJY	300	200	349	526	565	565	550	374	315	360	120	120	550	520	450	400	30	24	125	132.5	75	12	7.5	20	870
300X250CBFX	300	250	280	415	505	445	350	265	255	255	100	120	550	520	450	400	30	24	90	101	38	8	5	10	480
300X250CBFY	300	250	335	460	520	495	355	300	275	285	110	120	550	520	450	400	30	26	90	105	48	9	5.5	14	590
300X250CBG	300	250	370	525	600	560	450	305	307	300	135	150	620	700	500	550	38	26	110	121	65	11	7	18	780
300X250CBH	300	250	350	535	625	600	450	355	340	355	135	150	620	700	500	550	38	26	125	133	65	11	7	18	860
350X250CBG	350	250	390	570	585	585	440	340	270	335	135	150	620	700	500	550	38	26	125	132	75	12	7.5	20	890
350X250CBH	350	250	365	555	665	675	500	395	270	395	120	140	800	800	720	660	30	28	125	137	75	12	7.5	20	1180
350X250CBJ	350	250	394.5	620.5	645	635	615	420	335	405	120	140	700	700	620	560	30	28	140	160	95	14	9	25	1240
350X300CBF	350	300	360	510	600	560	450	330	275	320	130	150	620	700	500	550	38	26	100	107	55	10	6	16	830
400X300CBG	400	300	440	630	625	660	510	380	310	375	110	140	800	700	720	560	38	28	125	158	85	14	9	22	1400
400X300CBH	400	300	450	685	715	755	515	445	320	445	110	140	800	800	720	660	30	28	160	179	95	14	9	25	1670
400X300CBJX	400	300	559	756	725	710	690	470	380	455	140	140	800	800	660	660	30	28	160	170	105	16	10	28	1940
400X350CBF	400	350	420	575	645	625	510	370	321	360	150	135	700	700	550	550	38	26	110	124.5	65	11	7	18	1050
400X400CBF	400	400	470	645	725	690	505	410	380	405	130	160	860	800	780	640	35	30	125	132	75	12	7.5	20	1550

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimensions of Bare Shaft Pump

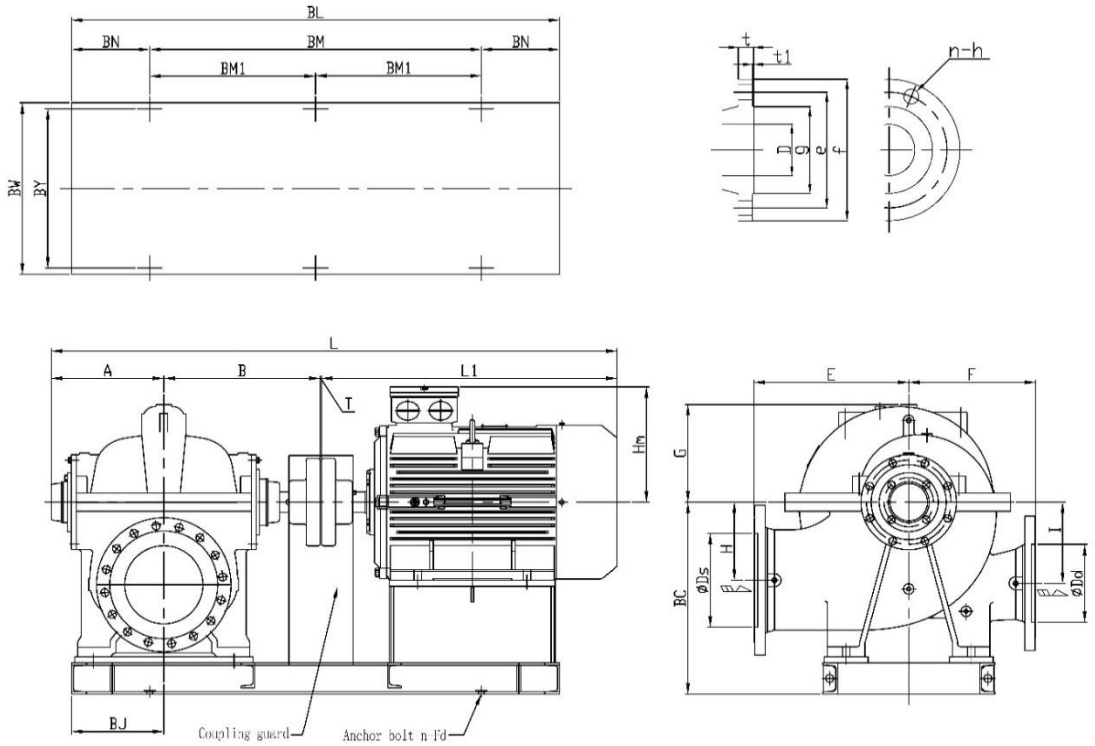
■6P

Units:mm

MODEL	Size		Pump																Shaft						Wt
	Ds	Dd	A	B	C	E	F	G	H	I	J	K	M	N	O	P	Q	Z	L	R	T	U	V	W	(KG)
350X250CBH	350	250	365	555	665	675	500	395	270	395	120	140	800	800	720	660	30	28	125	137	75	12	7.5	20	1180
350X250CBJ	350	250	394.5	620.5	645	635	615	420	335	405	120	140	700	700	620	560	30	28	140	160	95	14	9	25	1240
400X300CBG	400	300	440	630	625	660	510	380	310	375	110	140	800	700	720	560	38	28	125	158	85	14	9	22	1400
400X300CBH	400	300	450	685	715	755	515	445	320	445	110	140	800	800	720	660	30	28	160	179	95	14	9	25	1670
400X300CBJX	400	300	559	756	725	710	690	470	380	455	140	140	800	800	660	660	30	28	160	170	105	16	10	28	1940
400X300CBJY	400	300	432	658	815	800	630	515	420	510	130	160	860	900	780	740	35	30	140	145	95	14	9	25	1260
400X400CBF	400	400	470	645	725	690	505	410	380	405	130	160	860	800	780	640	35	30	125	132	75	12	7.5	20	1550
450X300CBH	450	300	475.5	679.5	800	800	580	490	380	500	130	160	860	860	780	740	35	30	140	144.5	85	14	9	22	1400
450X350CBG	450	350	414	606	705	740	555	420	360	420	120	160	860	800	780	640	35	30	125	148	75	12	7.5	20	1110
450X350CBJ	450	350	549	801	865	895	710	575	410	575	130	160	920	1000	840	840	35	30	160	180	115	18	11	32	1750
450X400CBF	450	400	454	620	780	750	565	450	415	445	130	160	920	900	840	740	30	30	125	134	65	11	7	18	1340
500X350CBG	500	350	475.5	679.5	775	830	600	465	395	470	120	160	920	900	840	740	35	30	140	162	85	14	9	22	1460
500X350CBH	500	350	533	767	855	950	650	550	425	560	140	160	920	1000	840	840	35	30	160	170	95	14	9	25	1880

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimension of Pump with Motor



■Cast Iron 16bar Flange (JIS 16K)

Units:mm

	D	g	e	f	t	t1	n	h
	80	132	160	200	24	2	8	φ23
	100	160	185	225	26	2	8	φ23
	125	195	225	270	26	2	8	φ25
	150	230	260	305	28	2	12	φ25
*	200	275	305	350	30	2	12	φ25
*	250	345	380	430	34	2	12	φ27
*	300	395	430	480	36	3	16	φ27
*	350	440	480	540	38	3	16	φ33
*	400	495	540	605	42	3	16	φ33
*	450	560	605	675	46	3	20	φ33
*	500	615	660	730	50	3	20	φ33

***■Ductile Cast Iron 16bar Flange (JIS 16K)**

Units:mm

D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	275	305	350	26	2	12	φ25
250	345	380	430	28	2	12	φ27
300	395	430	480	30	3	16	φ27
350	440	480	540	34	3	16	φ33
400	495	540	605	38	3	16	φ33
450	560	605	675	40	3	20	φ33
500	615	660	730	42	3	20	φ33

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X300CBJY, 400X400CBF, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH use the legal dimensions of Ductile Cast Iron

■Cast Iron 16bar Flange (GB PN16)

Units:mm

	D	g	e	f	t	t1	n	h
	80	132	160	200	22	3	8	φ19
	100	156	180	220	24	3	8	φ19
	125	184	210	250	26	3	8	φ19
	150	211	240	285	26	3	8	φ23
*	200	266	295	340	30	3	12	φ23
*	250	319	355	405	32	3	12	φ28
*	300	370	410	460	32	4	12	φ28
*	350	429	470	520	36	4	16	φ28
*	400	480	525	580	38	4	16	φ31
*	450	548	585	640	40	4	20	φ31
*	500	609	650	715	42	4	20	φ34

***■Ductile Cast Iron 16bar Flange (GB PN16)**

Units:mm

D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	266	295	340	20	3	12	φ23
250	319	355	405	22	3	12	φ28
300	370	410	460	24.5	4	12	φ28
350	429	470	520	26.5	4	16	φ28
400	480	525	580	28	4	16	φ31
450	548	585	640	30	4	20	φ31
500	609	650	715	31.5	4	20	φ34

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X300CBJY, 400X400CBF, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH use the legal dimensions of Ductile Cast Iron

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimension of Pump with Motor

■2P

units:mm

Model	Motor	Size		Pump									Motor					Common Base										Total		
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)
125X80CBJ	18.5	125	80	188	272	310	300	250	170	165	165	110	160L	345	329	255	125	170	430	160	650	-	970	370	330	4-φ19	77	3	1137	312
	22												180M	351.5	331.5	270	152				660	-	980	400	360		78		1146	340
	30												200L	395.5	376.5	300	229			175	710	-	1060	440	400		88		1235	427
	37																245					-								443
	45												225M	414.5	400.5	327	307			180	720	-	1080	500	460		92		1278	509
	55												250M	482.5	434.5	373	378		450	195	790	-	1180	560	510	4-φ24	119	4	1381	607
150X100CBJ	37	150	100	202.5	327.5	340	310	280	200	175	185	170	200L	395.5	376.5	300	245	170	460	185	750	-	1120	440	400	4-φ19	94	4	1306	509
	45												225M	414.5	400.5	327	307			190	760	-	1140	500	460		98		1349	575
	55												250M	482.5	434.5	373	378		480	205	820	-	1230	560	510	4-φ24	127		1451	675
	75												280S	514	462	413	550			210	860	-	1280	620	570		145		1510	865
	90												280M	539.5	487.5		570			220	890	-	1330				151		1561	891
	110												315S	559	554	482	740			225	910	-	1360	700	650		195		1647	1105
150X125CBH	22	150	125	210	335	360	330	290	180	185	175	170	180M	351.5	331.5	270	152	210	480	180	720	-	1080	400	360	4-φ19	92	3	1231	414
	30												200L	395.5	376.5	300	229			190	780	-	1160	440	400		103	4	1321	502
	37																245					-								518
	45												225M	414.5	400.5	327	307		500	195	790	-	1180	500	450	4-φ24	125		1364	602
	55												250M	482.5	434.5	373	378			210	860	-	1280	560	510		138		1466	686
150X125CBJ	75	150	125	234	366	370	340	315	224	205	205	200	280S	514	462	413	550	210	510	225	910	-	1360	620	570	4-φ24	162	4	1580	912
	90												280M	539.5	487.5		570			235	940	-	1410				168		1631	938
	110												315S	559	554	482	740			240	960	-	1440	700	650		180		1717	1120
	132												315M	584.5	708.5		855		550	255	1040	-	1550		640	4-φ26	255		1897	1310
	160												315L				970					-								1425
	185																1080					-								1535
200X125CBH	45	200	125	221.5	348.5	385	340	265	215	200	200	190	225M	414.5	400.5	327	307	210	525	200	800	-	1200	500	450	4-φ24	130	4	1389	627
	55												250M	482.5	434.5	373	378			215	860	-	1290	560	510		144		1491	712
	75												280S	514	462	413	550			220	900	-	1340	620	570		166		1550	906
	90												280M	539.5	487.5		570			230	940	-	1400				172		1601	932
	110												315S	559	554	482	740			235	950	-	1420	700	650		184		1687	1114

*1: The motor without size is high voltage motor,please contact us.

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimension of Pump with Motor

■4P

units:mm

Model	Motor	Size		Pump									Motor					Common Base										Total		
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)
125X80CBJ	3	125	80	188	272	310	300	250	170	165	165	110	100L	193	197	177	34	170	410	125	500	-	750	330	290	4-φ15	46	3	853	190
	4												112M	200	195	188.5	45				510	-	760				47		858	202
	5.5												132S	239	241	212	61			130	540	-	800				48		943	219
	7.5												132M	258	267		73			140	560	-	840				50		988	233
125X80CBK	4	125	80	225	310	290	330	250	195	140	180	170	112M	200	195	188.5	45	190	390	135	550	-	820	360	320	4-φ15	50	3	933	265
	5.5												132S	239	241	212	61			140	580	-	860				51		1018	282
	7.5												132M	258	267		73		410	150	600	-	900			4-φ19	60		1063	303
	11												160M	323	291	255	103			160	660	-	980	370	330		63		1152	336
	15												160L	345	329		130			170	690	-	1030				66		1212	366
	18.5												180M	351.5	331.5	270	165				700	-	1040	400	360		67		1221	402
125X100CBK	7.5	125	100	245	370	345	370	280	230	180	200	240	132M	258	267	212	73	210	465	160	660	-	980	400	360	4-φ19	69	3	1143	382
	11												160M	323	291	255	103			175	710	-	1060				74		1232	417
	15												160L	345	329		130			185	740	-	1110				77		1292	447
	18.5												180M	351.5	331.5	270	165				750	-	1120				76		1301	481
	22												180L	370.5	347.5		180			190	770	-	1150				79		1336	499
	30												200L	395.5	376.5	300	238		485	200	800	-	1200	440	390	4-φ24	99	4	1391	577
	37												225S	432	388	327	298				820	-	1220	500	450		103		1439	641
150X100CBJ	4	150	100	202.5	327.5	340	310	280	200	175	185	170	112M	200	195	188.5	45	170	440	135	540	-	810	330	290	4-φ15	49	3	928	264
	5.5												132S	239	241	212	61			140	580	-	860				51		1013	282
	7.5												132M	258	267		73		460	150	600	-	900			4-φ19	59		1058	302
	11												160M	323	291	255	103			160	660	-	980	370	330		65		1147	338
150X100CBK	15	150	100	272	403	380	415	305	255	180	230	310	160L	345	329	255	130	235	500	195	780	-	1170	440	400	4-φ19	86	3	1352	526
	18.5												180M	351.5	331.5	270	165					-							1361	561
	22												180L	370.5	347.5		180		520	200	810	-	1210		390	4-φ24	104		1396	594
	30												200L	395.5	376.5	300	238			210	840	-	1260				109	4	1451	657
	37												225S	432	388	327	298				860	-	1280	500	450		113		1499	721
	45												225M	444.5	400.5		322			215	880	-	1310				115		1524	747
	55												250M	482.5	434.5	373	410			225	920	-	1370	560	510		127		1596	847
	75												280S	514	462	413	555			235	950	-	1420	620	570		145		1655	1010
150X125CBH	4	150	125	210	335	360	330	290	180	185	175	170	112M	200	195	188.5	45	210	480	140	580	-	860	400	360	4-φ19	66	3	943	281
	5.5												132S	239	241	212	61			150	600	-	900				67		1028	298
	7.5												132M	258	267		73			155	630	-	940				70		1073	313
150X125CBJ	7.5	150	125	234	366	370	340	315	224	205	205	200	132M	258	267	212	73	210	490	160	660	-	980	400	360	4-φ19	71	3	1128	344
	11												160M	323	291	255	103			175	710	-	1060				76		1217	379
	15												160L	345	329		130			185	740	-	1110				79		1277	409
	18.5												180M	351.5	331.5	270	165					-							1286	444
	22												180L	370.5	347.5		180			190	770	-	1150				81		1321	461
150X150CBG	4	150	150	225	320	350	305	275	170	175	165	150	112M	200	195	188.5	45	210	450	140	570	-	850	400	360	4-φ15	58	3	943	253
	5.5												132S	239	241	212	61		470	145	600	-	890			4-φ19	66		1028	277
	7.5												132M	258	267		73			155	620	-	930				69		1073	292
200X100CBK	22	200	100	285	420.5	430	465	350	275	185	255	430	180L	370.5	347.5	270	180	260	570	210	840	-	1260	490	440	4-φ24	118	3	1426.5	728
	30												200L	395.5	376.5	300	238			215	870	-	1300				124		1481.5	792
	37												225S	432	388	327	298			220	880	-	1320	500	450		125		1529.5	853
	45												225M	444.5	400.5		322			225	900	-	1350				128		1554.5	880
	55												250M	482.5	434.5	373	410			235	940	-	1410	560	510		140	4	1626.5	980
	75												280S	514	462	413	555			240	980	-	1460	620	570		162		1685.5	1147
	90												280M	539.5	487.5		610			250	1020	-	1520				168		1736.5	1208
	110												315S	589	554	482	750		610	260	1050	-	1570	700	640	4-φ26	227		1852.5	1407
200X125CBH	5.5	200	125	221.5	348.5	385	340	265	215	200	200	190	132S	239	241	212	61	210	505	150	620	-	920	400	360	4-φ19	69	3	1053	320
	7.5												132M	258	267		73			160	640	-	960				72		1098	335
	11												160M	323	291	255	103			170	700	-	1040				77		1187	370
	15												160L	345	329		130			180	730	-	1090				80		1247	400
200X125CBJ	15	200	125	221.5	348.5	405	400	280	240	210	230	240	160L	345	329	255	130	210	525	180	730	-	1090	400	360	4-φ19	82	3	1247	452
	18.5												180M	351.5	331.5	270	165					-							1256	487
	22												180L	370.5	347.5		180			185	760	-	1130				84		1291	504
	30												200L	395.5	376.5	300	238			195	790	-	1180	440	400		91	4	1346	569
	37												225S	432	388	327	298		545	200	800	-	1200	500	450	4-φ24	112		1394	650
200X150CBG	7.5	200	150	255	350	370	330	285	205	185	185	210	132M	258	267	212	73	235	490	160	660	-	980	440	400	4-φ19	76	3	1133	359
	11												160M	323	291	255	103			175	720	-	1070				81		1222	394
	15												160L	345	329		130			185	740	-	1110				84		1282	424
200X150CBH	11	200	150	242.5	352.5	395	380	260	240	210	220	260	160M	323	291	255	103	235	515	175	720	-	1070	440	400	4-φ19	83	3	1212	446
	15												160L	345	329		130			185	750	-	1120				87		1272	477
	18.5												180M	351.5	331.5	270	165					-					86		1281	511
	22												180L	370.5	347.5		180			190	780	-	1160				89		1316	529
200X150CBJ	22	200	150	265.5	389.5	425	405	390	275	230	260	380	180L	370.5	347.5	270	180	235	565	200	800	-	1200	440	390	4-φ24	110	3	1376	670
	30												200L	395.5	376.5	300	238			205	830	-	1240				115		1431	733
	37												225S	432	388	327	298			210	850	-	1270	500	450		120		1479	798
	45												225M	444.5	400.5		322			215	860	-	1290				122	4	1504	824
	55												250M	482.5	434.5	373	410			225	910	-	1360	560	510		135		1576	925
	75												280S	514	462	413	555			235	940	-	1410	620	570		156		1635	1091

*1: The motor without size is high voltage motor,please contact us.

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimension of Pump with Motor

■4P

units:mm

Model	Motor	Size		Pump									Motor					Common Base										Total		
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)
200X200CBF	5.5	200	200	245	340	385	380	320	210	200	200	230	132S	239	241	212	61	235	505	155	620	-	930	440	400	4-φ19	74	3	1068	365
	7.5												132M	258	267	212	73			160	650	-	970				77		1113	380
	11												160M	323	291	255	103			175	710	-	1060				82		1202	415
250X150CBH	18.5	250	150	272	408	460	425	290	264	230	250	340	180M	351.5	331.5	270	165	260	600	200	800	-	1200	490	440	4-φ24	118	3	1366	623
	22												180L	370.5	347.5	270	180			205	830	-	1240				122		1401	642
	30												200L	395.5	376.5	300	238			215	860	-	1290				128	4	1456	706
	37												225S	432	388	327	298				880	-	1310	500	450		129		1504	767
	45												225M	444.5	400.5		322			220	900	-	1340				132		1529	794
250X150CBJ	45	250	150	294	451	480	450	440	310	250	290	470	225M	444.5	400.5	327	322	260	620	230	920	-	1380	500	450	4-φ24	136	4	1594	928
	55												250M	482.5	434.5	373	410			240	960	-	1440	560	510		150		1666	1030
	75												280S	514	462	413	555			245	1000	-	1490	620	570		175		1725	1200
	90												280M	539.5	487.5		610		660	255	1040	-	1550		560	4-φ26	225		1776	1305
	110												315S	589	554	482	750			265	1070	-	1600	700	640		243		1892	1463
250X150CBK	37	250	150	345	520	480	520	390	310	205	285	630	225S	432	388	327	298	295	620	240	980	-	1460	560	510	4-φ24	145	4	1689	1073
	45												225M	444.5	400.5		322			245	990	-	1480				148		1714	1100
	55												250M	482.5	434.5	373	410			255	1040	-	1550				157		1786	1197
	75												280S	514	462	413	555		660	265	1070	-	1600	620	560	4-φ26	227		1845	1412
	90												280M	539.5	487.5		610			275	1100	-	1650				234		1896	1474
	110												315S	589	554	482	750			285	1140	-	1710	700	640		265		2012	1645
	132												315M	614.5	708.5		875			300	1220	-	1820				272		2192	1777
	160												315L				960					-					273			1863
	185																1070					-								1973
250X200CBF	11	250	200	275	390	450	395	315	243	225	225	320	160M	323	291	255	103	260	570	185	760	-	1130	490	450	4-φ19	95	3	1282	518
	15												160L	345	329		130		590	195	790	-	1180		440	4-φ24	116		1342	566
250X200CBGX	15	250	200	270	385	435	370	300	225	210	210	270	160L	345	329	255	130	260	575	195	780	-	1170	490	440	4-φ24	114	3	1332	514
	18.5												180M	351.5	331.5	270	165				790	-	1180						1341	549
	22												180L	370.5	347.5		180			200	820	-	1220				118		1376	568
250X200CBGY	22	250	200	290	415	475	415	340	250	235	235	340	180L	370.5	347.5	270	180	295	615	210	860	-	1280	560	510	4-φ24	133	3	1426	653
	30												200L	395.5	376.5	300	238			220	890	-	1330				139	4	1481	717
	37												225S	432	388	327	298			225	900	-	1350				141		1529	779
	45												225M	444.5	400.5		322			230	920	-	1380				144		1554	806
250X200CBH	30	250	200	284.5	420.5	505	475	350	280	260	280	470	200L	395.5	376.5	300	238	295	645	220	890	-	1330	560	510	4-φ24	144	4	1481	852
	37												225S	432	388	327	298			225	910	-	1360				146		1529	914
	45												225M	444.5	400.5		322			230	920	-	1380				149		1554	941
	55												250M	482.5	434.5	373	410			240	970	-	1450				159		1626	1039
	75												280S	514	462	413	555			250	1000	-	1500	620	570		186		1685	1211
300X150CBK	75	300	150	350	535	485	600	440	345	235	320	860	280S	514	462	413	555	295	665	265	1080	-	1610	620	560	4-φ26	229	4	1865	1644
	90												280M	539.5	487.5		610			275	1120	-	1670				236		1916	1706
	110												315S	589	554	482	750			285	1150	-	1720	700	640		267		2032	1877
	132												315M	614.5	708.5		875			305	1220	-	1830				274		2212	2009
	160												315L				960					-					275			2095
	185																1070					-								2205
	200																1080					-								2215
	220												355M	704	816	646	1630			330	1330	-	1990	830	770		318	5	2410	2808
	250																1640					-								2818
	280												355L				1690					-								2868
	315																1790					-								2968
	355*1												*1																	
300X200CBG	45	300	200	310	460	**525**	465	355	270	260	265	580	225M	444.5	400.5	327	322	295	645	240	950	-	1430	560	530	4-φ19	151	4	1619	1077
	55												250M	482.5	434.5	373	410			260	980	490	1500			6-φ19	155		1691	1179
	75												280S	514	462	413	555				1030	515	1550	610	580		165		1750	1340
300X200CBH	55	300	200	310	490	560	535	405	320	295	315	690	250M	482.5	434.5	373	410	295	700	250	1020	-	1520	560	510	4-φ24	171	4	1721	1271
	75												280S	514	462	413	555		740	260	1050	-	1570	620	560	4-φ26	246		1780	1491
	90												280M	539.5	487.5		610			270	1080	-	1620				254		1831	1554
	110												315S	589	554	482	750			280	1120	-	1680	700	640		273		1947	1713
	132												315M	614.5	708.5		875			295	1200	-	1790				296		2127	1861
300X200CBJX	75	300	200	321	480	545	505	495	336	280	320	720	280S	514	462	413	555	295	725	260	1040	-	1560	620	560	4-φ26	243	4	1781	1518
	90												280M	539.5	487.5		610			265	1080	-	1610				251		1832	1581
	110												315S	589	554	482	750			275	1120	-	1670	700	640		270		1948	1740
	132												315M	614.5	708.5		875			295	1190	-	1780				293		2128	1888
	160												315L				960					-					294			1974
	185																1070					-								2084
300X200CBJY	132	300	200	349	526	565	565	550	374	315	360	870	315M	614.5	708.5	482	875	295	745	300	1220	-	1820	700	640	4-φ26	299	4	2202	2044
	160												315L				960					-					300			2130
	185																1070					-								2240
	200																1080					-								2250
	220												355M	704	816	646	1630			330	1320	-	1980	830	770		347	5	2400	2847
	250																1640					-								2857
	280												355L				1690					-								2907
	315																1790					-								3007
	355*1												*1																	

*1: The motor without size is high voltage motor,please contact us.

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DIMENSIONS - Dimension of Pump with Motor

■4P

units:mm

Model	Motor	Size		Pump									Motor					Common Base										Total		
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)
300X250CBFX	18.5	300	250	280	415	505	445	350	265	255	255	480	180M	351.5	331.5	270	165	295	645	205	840	-	1250	560	510	4-φ24	133	3	1381	778
	22												180L	370.5	347.5		180			210	860	-	1280				137		1416	797
	30												200L	395.5	376.5	300	238			220	890	-	1330				144	4	1471	862
300X250CBFY	30	300	250	335	460	520	495	355	300	275	285	590	200L	395.5	376.5	300	238	295	665	225	920	-	1370	560	510	4-φ24	154	4	1571	982
	37												225S	432	388	327	298			230	940	-	1400				156		1619	1044
	45												225M	444.5	400.5		322			235	950	-	1420				159		1644	1071
	55												250M	482.5	434.5	373	410			245	1000	-	1490				170		1716	1170
300X250CBG	75	300	250	370	525	600	560	450	305	307	300	780	280S	514	462	413	555	330	745	280	1080	-	1640	740	700	4-φ24	214	4	1875	1589
	90												280M	539.5	487.5		610			290	1110	-	1690				217		1926	1655
	110												315S	589	554	482	750			300	1145	-	1745				220		2042	1800
	132												315M	614.5	708.5		875			310	1230	-	1850				226		2222	1931
300X250CBH	110	300	250	350	535	625	600	450	355	340	355	860	315S	589	554	482	750	330	810	290	1180	-	1760	740	680	4-φ26	347	4	2032	1957
	132												315M	614.5	708.5		875			310	1250	-	1870				358		2212	2093
	160												315L				960					-					359			2179
	185																1070					-								2289
	200																1080					-								2299
	220												355M	704	816	646	1630			195	1640	820	2030	830	770	6-φ26	410	5	2410	2900
350X250CBG	132	350	250	390	570	585	585	440	340	270	335	890	315M	614.5	708.5	482	875	330	730	330	1260	-	1920	740	700	4-φ24	230	4	2287	2045
	160												315L				960					-								2148
	185																1070					-								2258
	200																1080					-								2268
	220												355M	704	816	646	1630		770	350	1390	695	2090	810	740	6-φ26	409	5	2485	3033
350X250CBH	185	350	250	365	555	665	675	500	395	270	395	1180	315L	614.5	708.5	482	1070	420	850	330	1320	-	1980	840	780	4-φ26	401	4	2247	2651
	200																1080					-								2661
	220												355M	704	816	646	1630		890	210	1720	860	2140		770	6-φ28	523	5	2445	3333
	250																1640													3343
	280												355L				1690													3393
	315																1790													3493
	355*1												*1																	
	400*1																													
350X250CBJ	220	350	250	394.5	620.5	645	635	615	420	335	405	1240	355M	704	816	646	1630	370	870	215	1720	860	2150	830	760	6-φ28	525	5	2540	3395
	250																1640													3405
	280												355L				1690													3455
	315																1790													3555
	355*1												*1																	
	400*1																													
	450*1																													
	500*1																													
	630*1																													
350X300CBF	55	350	300	360	510	600	560	450	330	275	320	830	250M	482.5	434.5	373	410	330	745	270	1055	-	1595	740	700	4-φ24	216	4	1791	1496
	75												280S	514	462	413	555			280	1085	-	1645				219		1850	1644
	90												280M	539.5	487.5		610			290	1115	-	1695				222		1901	1710
400X300CBG	220	400	300	440	630	625	660	510	380	310	375	1400	355M	704	816	646	1630	425	810	390	1555	777.5	2335	810	740	6-φ26	431	5	2595	3565
	250																1640													3575
	280												355L				1690													3625
	315																1790													3725
	355*1												*1																	
400X300CBH	315	400	300	450	685	715	755	515	445	320	445	1670	355L	704	816	646	1790	420	940	225	1820	910	2270	840	770	6-φ28	576	5	2660	4036
	355*1												*1																	
	400*1																													
	450*1																													
	500*1																													
	630*1																													
	800*1																													
400X300CBJX	400*1	400	300	559	756	725	710	690	470	380	455	1940	*1																	
	450*1																													
	500*1																													
	630*1																													
	800*1																													
	1000*1																													
400X350CBF	90	400	350	420	575	645	625	510	370	321	360	1050	280M	539.5	487.5	413	610	375	790	300	1185	-	1785	750	710	4-φ24	224	4	2026	1932
	110												315S	589	554	482	750			310	1220	-	1840				227		2142	2077
	132												315M	614.5	708.5		875			330	1285	-	1945				233		2322	2208
	160												315L				960					-								2311
400X400CBF	160	400	400	470	645	725	690	505	410	380	405	1550	315L	614.5	708.5	482	960	455	915	360	1425	712.5	2145	850	780	6-φ26	424	4	2442	3002
	185																1070													3112
	200																1080													3122
	220												355M	704	816	646	1630			390	1530	765	2310				439	5	2640	3723
	250																1640													3733
	280												355L				1690													3783
	315																1790													3883

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DIMENSIONS - Dimension of Pump with Motor

■6P

units:mm

Model	Motor	Size		Pump									Motor					Common Base										Total		
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)
350X250CBH	30	350	250	365	555	665	675	500	395	270	395	1180	225M	444.5	400.5	327	294	420	850	270	1100	-	1640	840	780	4-φ26	354	4	1769	1828
	37												250M	482.5	434.5	373	394			285	1140	-	1710				371		1841	1945
	45												280S	514	462	413	510			290	1180	-	1760				421		1900	2111
	55												280M	539.5	487.5		535			300	1210	-	1810				432		1951	2147
	75												315S	589	554	482	680			310	1250	-	1870				447		2067	2307
	90												315M	614.5	708.5		835			330	1320	-	1980				479		2247	2494
	110												315L				975					-					481			2636
350X250CBJ	55	350	250	394.5	620.5	645	635	615	420	335	405	1240	280M	539.5	487.5	413	535	370	830	305	1220	-	1830	740	680	4-φ26	421	5	2047	2196
	75												315S	589	554	482	680			315	1260	-	1890				437		2163	2357
	90												315M	614.5	708.5		835			330	1330	-	1990				450		2343	2525
	110												315L				975					-								2665
	132																1030					-								2720
	160												355M	704	816	646	1630		870	215	1720	860	2150	830	760	6-φ28	630		2540	3500
	185																1760													3630
400X300CBG	45	400	300	440	630	625	660	510	380	310	375	1400	280S	514	462	413	510	420	810	305	1220	-	1830	740	680	4-φ26	398	4	2050	2308
	55												280M	539.5	487.5		535			315	1260	-	1890				408		2101	2343
	75												315S	589	554	482	680			320	1300	-	1940				439		2217	2519
	90												315M	614.5	708.5		835			205	1640	820	2050			6-φ26	457		2397	2692
	110												315L				975													2832
400X300CBH	55	400	300	450	685	715	755	515	445	320	445	1670	280M	539.5	487.5	413	535	420	900	320	1300	-	1940	840	780	4-φ26	475	5	2167	2680
	75												315S	589	554	482	680			330	1340	-	2000				493		2283	2843
	90												315M	614.5	708.5		835		940	205	1700	850	2110		770	6-φ28	657		2463	3162
	110												315L				975													3302
	132																1030													3357
	160												355M	704	816	646	1630			225	1820	910	2270				691		2660	3991
	185																1760													4121
	200																													
400X300CBJX	90	400	300	559	756	725	710	690	470	380	455	1940	315M	614.5	708.5	482	835	420	950	210	1760	880	2180	840	770	6-φ28	667	5	2643	3442
	110												315L				975													3582
	132																1030													3637
	160												355M	704	816	646	1630			230	1880	940	2340				702		2840	4272
	185																1760													4402
	200																													
	220												355L				1870													4512
	250																1950													4592
	280												*1																	
	315																													
400X300CBJY	160	400	300	432	658	815	800	630	515	420	510	1260	355M	704	816	646	1630	450	1045	225	1820	910	2270	940	870	6-φ28	804	5	2615	3694
	185																1760													3824
	200																													
	220												355L				1870													3934
	250																1950													4014
	280												*1																	
	315																													
	355																													
	400																													
	450																													
	500																													
	630																													
400X400CBF	37	400	400	470	645	725	690	505	410	380	405	1550	250M	482.5	434.5	373	394	450	915	305	1220	-	1830	840	780	4-φ26	420	4	2036	2364
	45												280S	514	462	413	510			310	1260	-	1880				475		2095	2535
	55												280M	539.5	487.5		535			320	1290	-	1930				486		2146	2571
	75												315S	589	554	482	680			330	1330	-	1990				504		2262	2734
450X300CBH	90	450	300	475.5	679.5	800	800	580	490	380	500	1400	315M	614.5	708.5	482	835	450	1030	205	1720	860	2130	900	830	6-φ28	718	4	2482	2953
	110												315L				975													3093
	132																1030													3148
	160												355M	704	816	646	1630			225	1840	920	2290				787	5	2680	3817
	185																1760													3947
	200																													
	220												355L				1870													4057
	250																1950													4137
	280												*1																	
	315																													
	355																													

*1: The motor without size is high voltage motor,please contact us.

EBARA reserves the right to make changes without prior notice.

DIMENSIONS - Dimension of Pump with Motor

■6P

units:mm

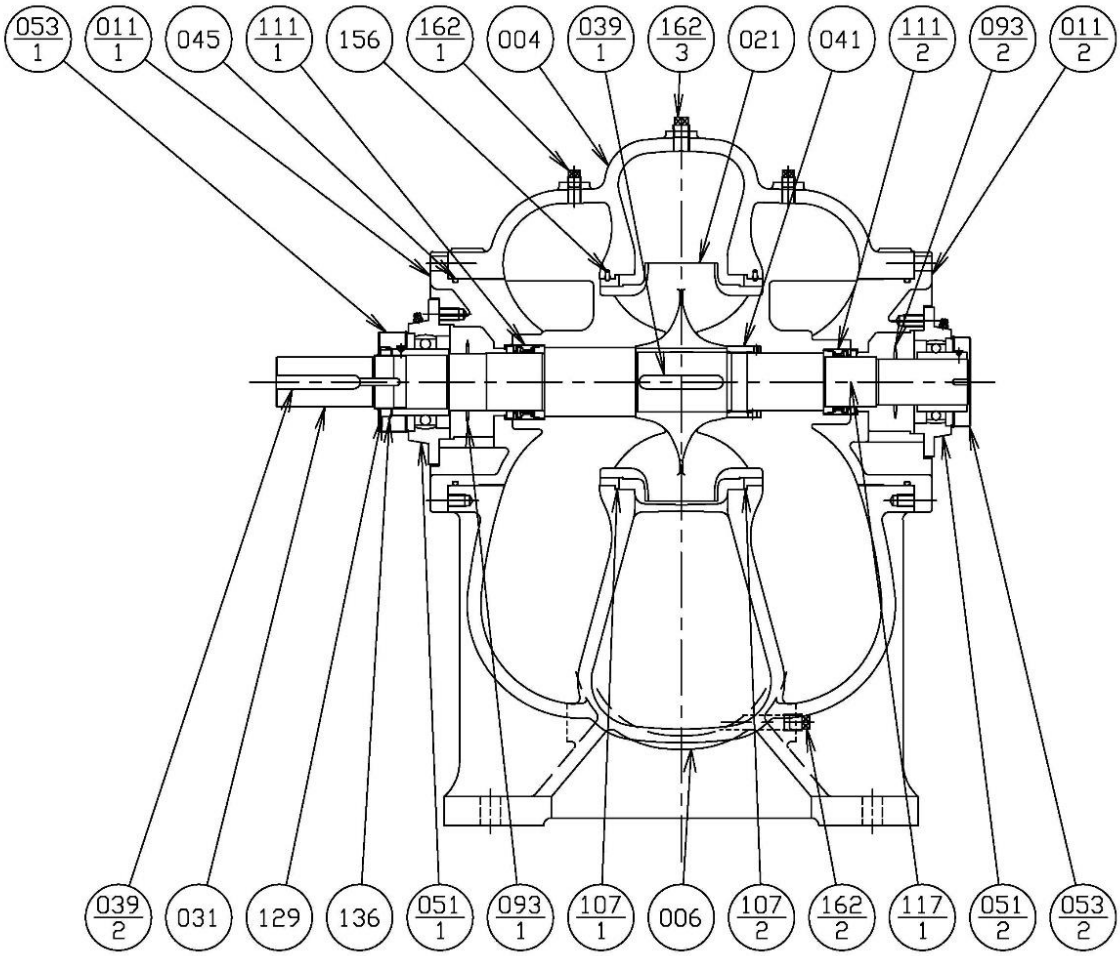
Model	Motor	Size		Pump									Motor					Common Base										Total		
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)
450X350CBG	75	450	350	414	606	705	740	555	420	360	420	1110	315S	589	554	482	680	450	895	325	1300	-	1950	840	780	4-φ26	495	4	2167	2285
	90												315M	614.5	708.5		835			200	1660	830	2060			6-φ26	533		2347	2478
	110												315L				975										534			2619
	132																1030													2674
	160												355M	704	816	646	1630		935	220	1780	890	2220		770	6-φ28	688	5	2545	3428
	185																1760													3558
	200																													
450X350CBJ	280	450	350	549	801	865	895	710	575	410	575	1750	*1																	
	315																													
	355																													
	400																													
	450																													
	500																													
	630																													
	800																													
	1000																													
450X400CBF	55	450	400	454	620	780	750	565	450	415	445	1340	280M	539.5	487.5	413	535	480	970	320	1300	-	1940	940	880	4-φ26	527	4	2105	2402
	75												315S	589	554	482	680			330	1330	-	1990				546		2221	2566
	90												315M	614.5	708.5		835		1010	210	1680	840	2100		870	6-φ28	720		2401	2895
	110												315L				975										722			3037
	132																1030													3092
500X350CBG	132	500	350	475.5	679.5	775	830	600	465	395	470	1460	315L	614.5	708.5	482	1030	480	1005	210	1740	870	2160	940	870	6-φ28	723	4	2482	3213
	160												355M	704	816	646	1630			230	1860	930	2320				790	5	2680	3880
	185																1760													4010
	200																													
	220												355L				1870													4120
	250																1950													4200
	280												*1																	
	315																													
	355																													
500X350CBH	160	500	350	533	767	855	950	650	550	425	560	1880	355M	704	816	646	1630	480	1085	235	1940	970	2410	1040	970	6-φ28	867	5	2825	4377
	185																1760													4507
	200																													
	220												355L				1870													4617
	250																1950													4697
	280												*1																	
	315																													
	355																													
	400																													
	450																													
	500																													
	630																													

*1: The motor without size is high voltage motor,please contact us.

EBARA reserves the right to make changes without prior notice.

CONSTRUCTION - Sectional View of Pump

D-1



Mechanical Seal Type

No	Part Name	GB Material	JIS Material	Qty
053-2	Bearing Cover	HT250	FC250	1
053-1	Bearing Cover	HT250	FC250	1
051-2	Bearing Unit	HT200	FC200	1
051-1	Bearing Unit	HT200	FC200	1
045	O-ring	NBR	NBR	2
041	Impeller Nut	ZCuSn5Pb5Zn5	CAC406	1
039-2	Coupling Key	50	S50C	1
039-1	Impeller Key	20Cr13	SUS420J1	1
031	Shaft	20Cr13	SUS420J1	1
021	Impeller	ZCuSn5Pb5Zn5 (or ZG0Cr18Ni9)*2	CAC406 (or SCS13)*2	1
011-2	Side Cover	HT250 (or QT450-10)*1	FC250 (or FCD450)*1	1
011-1	Side Cover	HT250 (or QT450-10)*1	FC250 (or FCD450)*1	1
006	Casing Lower Half	HT250 (or QT450-10)*1	FC250 (or FCD450)*1	1
004	Casing Upper Half	T250 (or QT450-10) *1	FC250 (or FCD450)*1	1

No	Part Name	GB Material	JIS Material	Qty
162-3	Plug1"	Q235-A	SS	1
162-2	Plug1/2"	Q235-A	SS	1
162-1	Plug3/8"	Q235-A	SS	2
156	Lock Pin	06Cr19Ni10	SUS304	2
136	Bearing Washer	Q235-A	SS	1
129	Bearing Nut	Q235-A	SS	1
117-1	Gasket (Casing)	-	Fiber Materials	1
111-2	Mechanical Seal	-	-	1
111-1	Mechanical Seal	-	-	1
107-2	Casing Wear Ring	ZCuSn5Pb5Zn5	CAC406	1
107-1	Casing Wear Ring	ZCuSn5Pb5Zn5	CAC406	1
093-2	Deflector (CCP Side)	NBR	NBR	1
093-1	Deflector (CP Side)	NBR	NBR	1

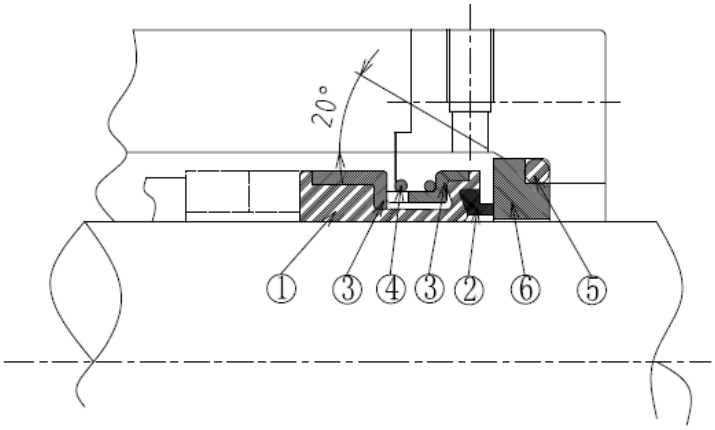
*1: The material is changed to ductile cast iron for model 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX , 400X300CBJY, 400X400CBF, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH.

*2: The material is changed to cast stainless steel for model 400X300CBJX, 400X300CBJY, 450X300CBH, 450X350CBG, 450X350CBJ, 450X400CBF, 500X350CBG, 500X350CBH.

EBARA reserves the right to make changes without prior notice.

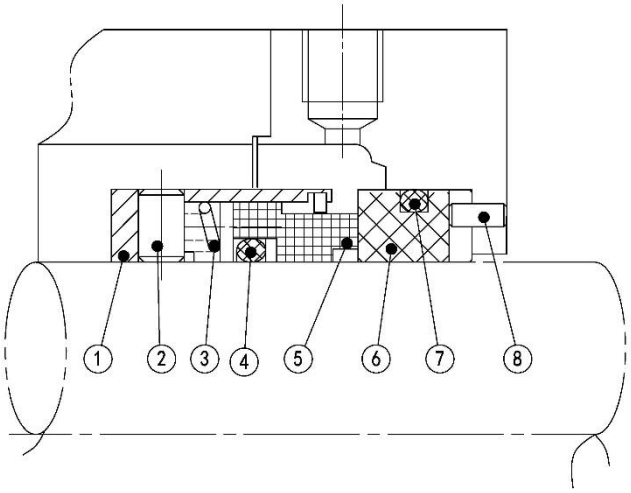
CONSTRUCTION - Sectional View of Mechanical Seal

Standard shaft seal (16 bar) : Type 2100 / Diameter of axle < 100mm



Part No.	Part Name	Material	Qty/unit
1	Bellows	NBR	1
2	Primary Ring	Carbon	1
3	Drive Band	316 Stainless Steel	1
4	Spring	316 Stainless Steel	1
5	O-ring	NBR	1
6	Mating Ring	Ceramic	1

Standard shaft seal (16 bar) : Type 8-1 / Diameter of axle > 100mm

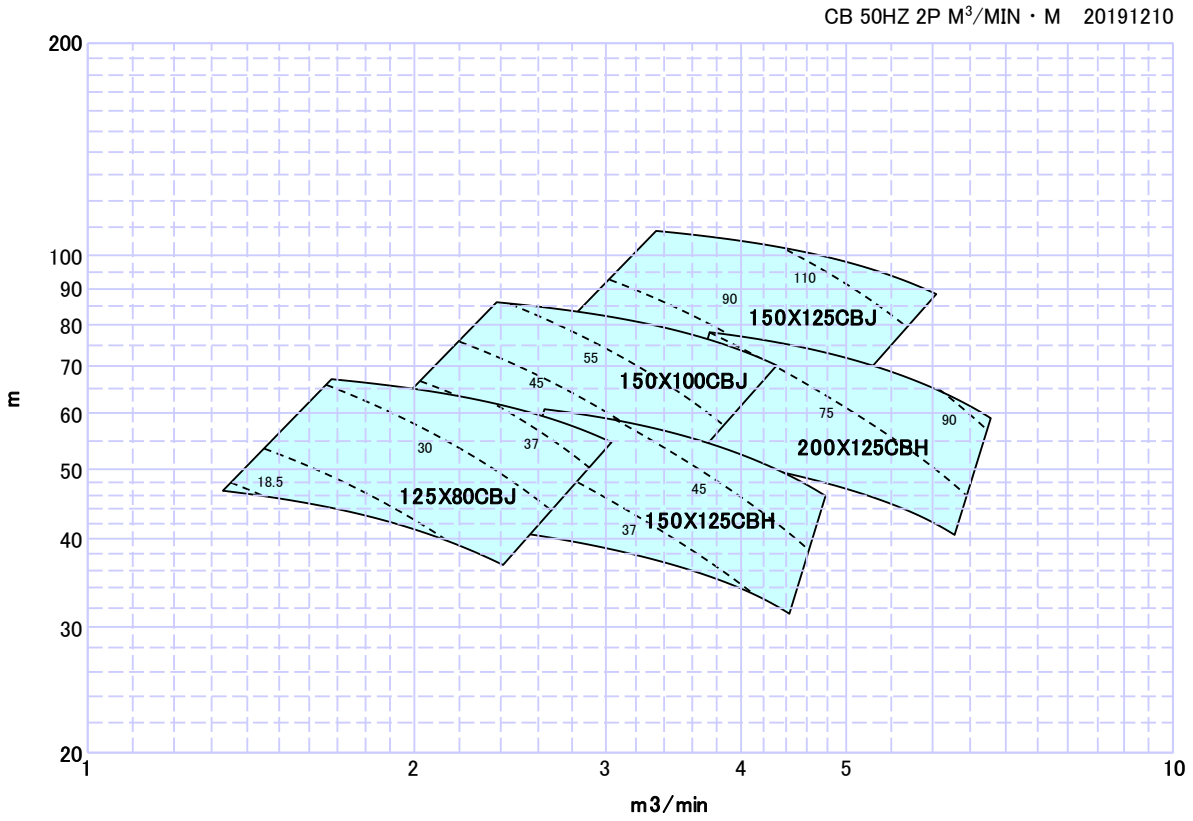


Part No.	Part Name	Material	Qty/unit
1	Retainer	316 Stainless Steel	1
2	Holding screw	316 Stainless Steel	1
3	Spring	316 Stainless Steel	1
4	O-ring	FPM	1
5	Primary Ring	Carbon	1
6	Mating Ring	Silicon carbite	1
7	O-ring	FPM	1
8	Pin	304 Stainless Steel	1

EBARA reserves the right to make changes without prior notice.

SELECTION CHART m³/min・m - 2P

50Hz - 2P



Note1 : The value inside the broken lines are motor output(kW) in case of density 1.0kg/L and viscosity 1.0mPa・s.

Note2 : The indicated motor output(kW) value includes the following safety margins ;

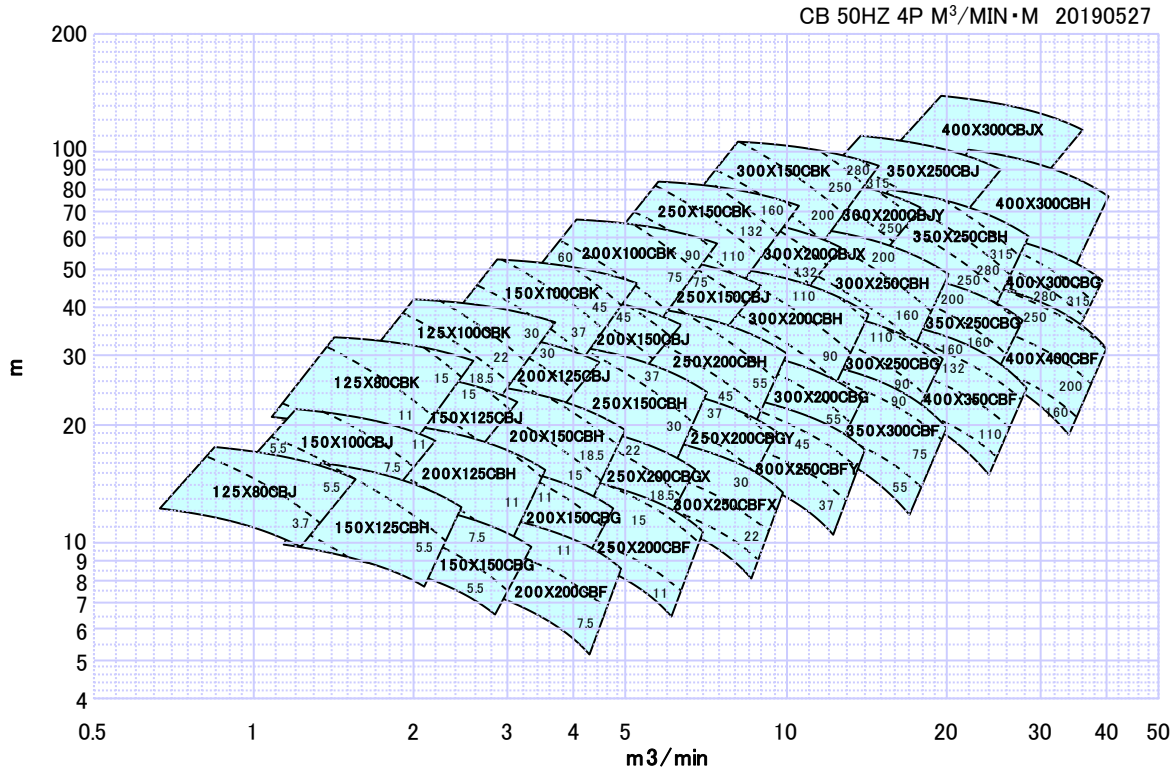
Up to 7.5kW : 15%

11kW and above : 10%

EBARA reserves the right to make changes without prior notice.

SLECTION CHART m³/min・m - 4P

50Hz - 4P



Note1 : The value inside the broken lines are motor output(kW) in case of density 1.0kg/L and viscosity 1.0mPa・s.

Note2 : The indicated motor output(kW) value includes the following safety margins ;

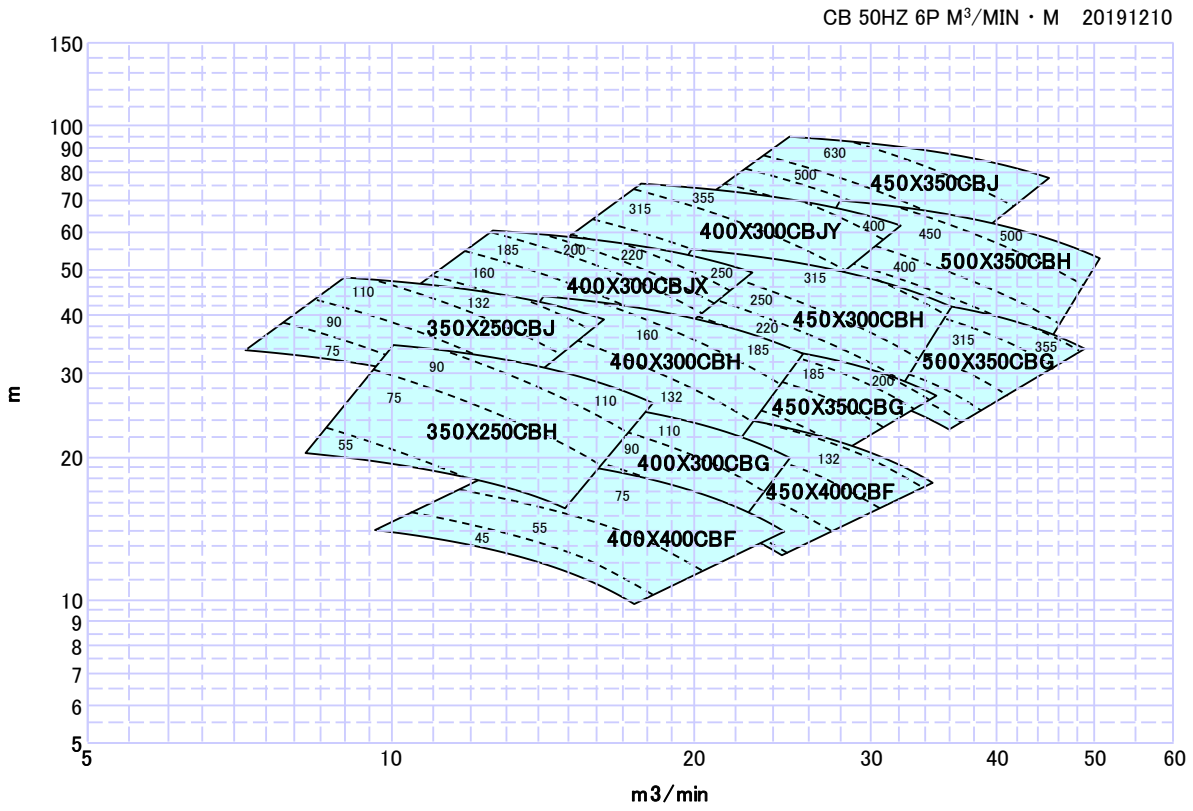
Up to 7.5kW : 15%

11kW and above : 10%

EBARA reserves the right to make changes without prior notice.

SLECTION CHART m³/min・m - 6P

50Hz - 6P



Note1 : The value inside the broken lines are motor output(kW) in case of density 1.0kg/L and viscosity 1.0mPa・s.

Note2 : The indicated motor output(kW) value includes the following safety margins ;

Up to 7.5kW : 15%

11kW and above : 10%

EBARA reserves the right to make changes without prior notice.

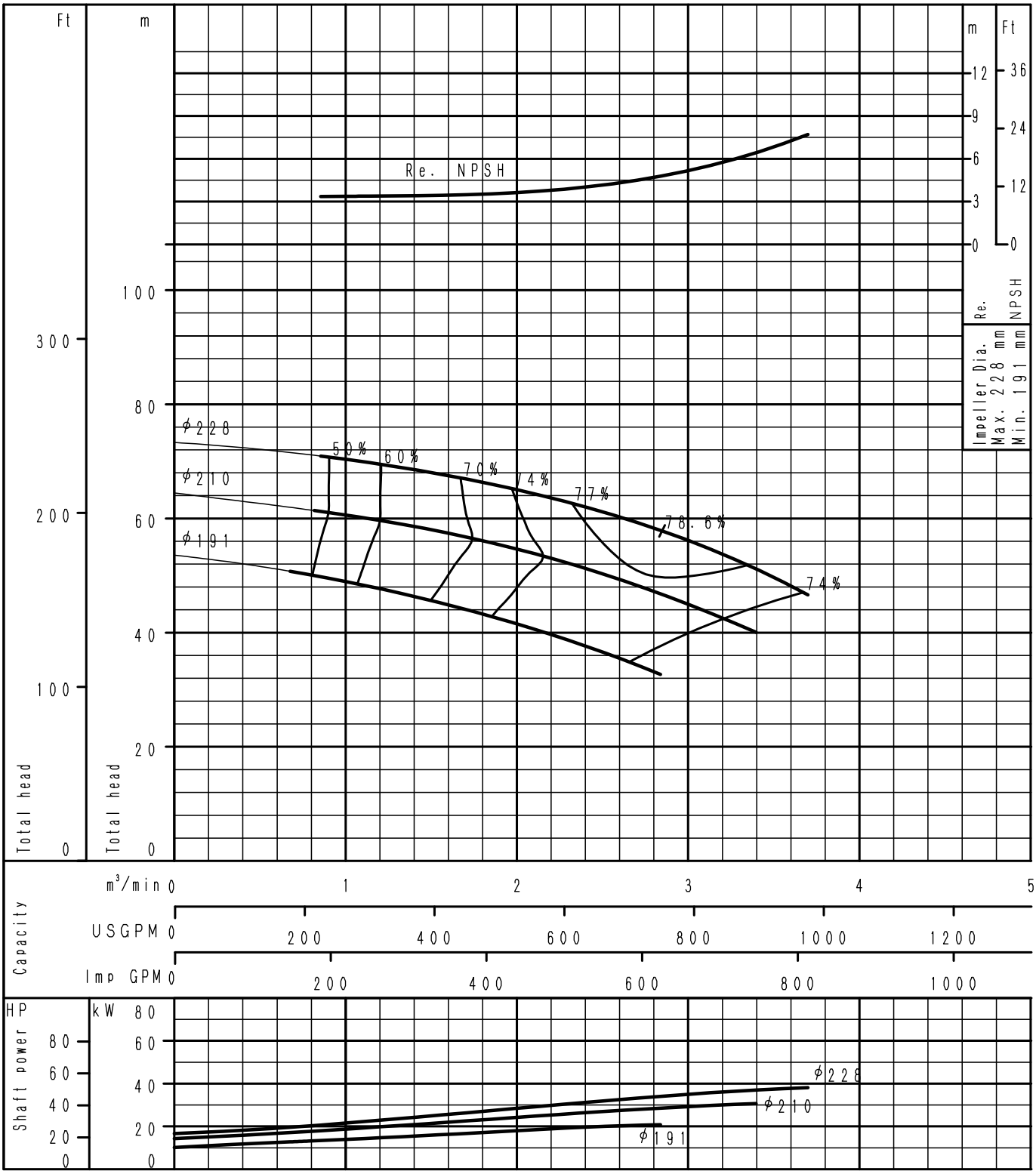
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

2 Poles

125X80CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 2940 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



F8-1932880-00

EBARA

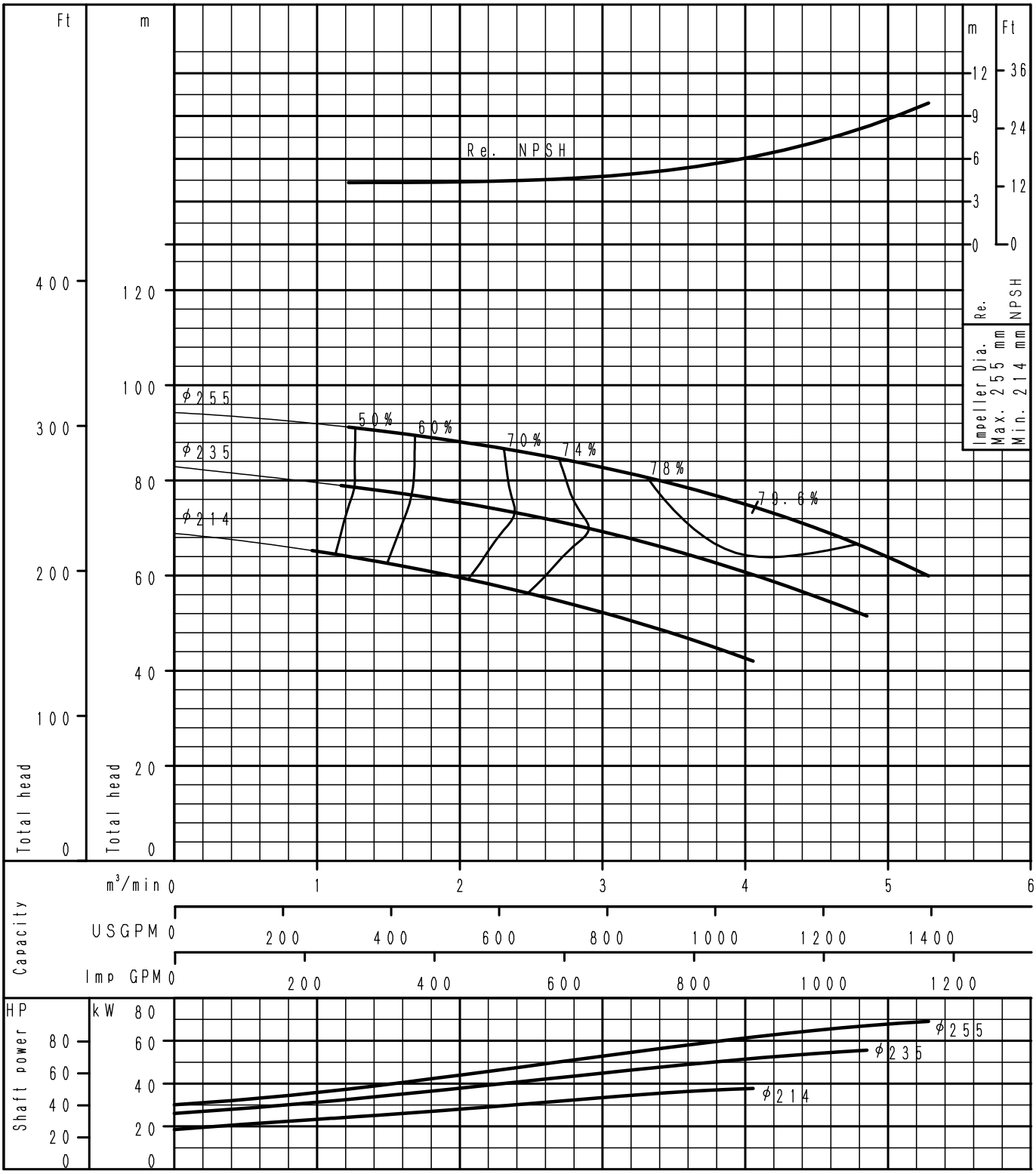
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

2 Poles

150X100CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 2970 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



F8-1932881-00

EBARA

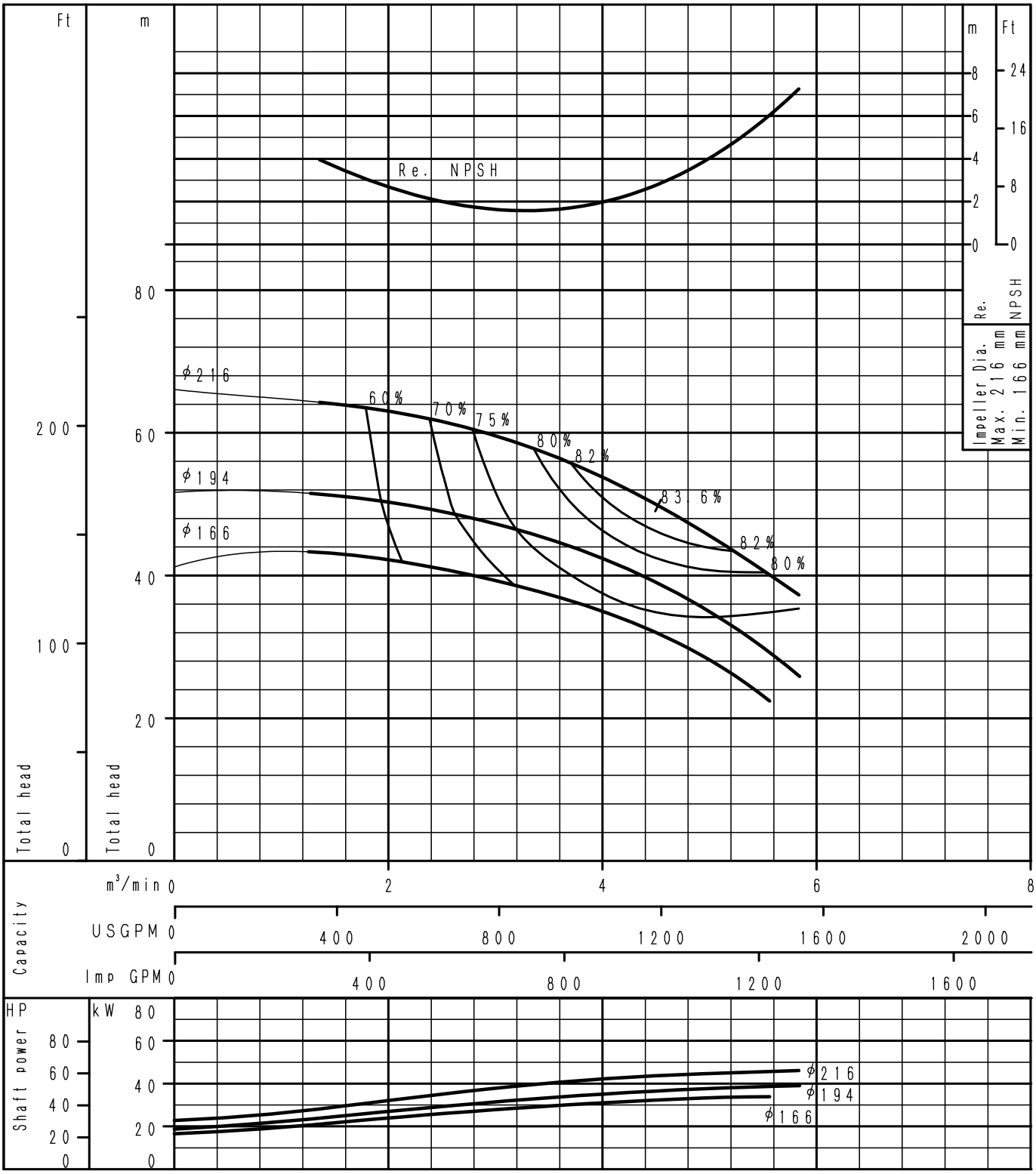
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

2 Poles

150X125CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 2940 min^{-1})	DENSITY=1.0 kg/ℓ, VISCOSITY=1.0 mPa·s



F8-1932882-00

EBARA

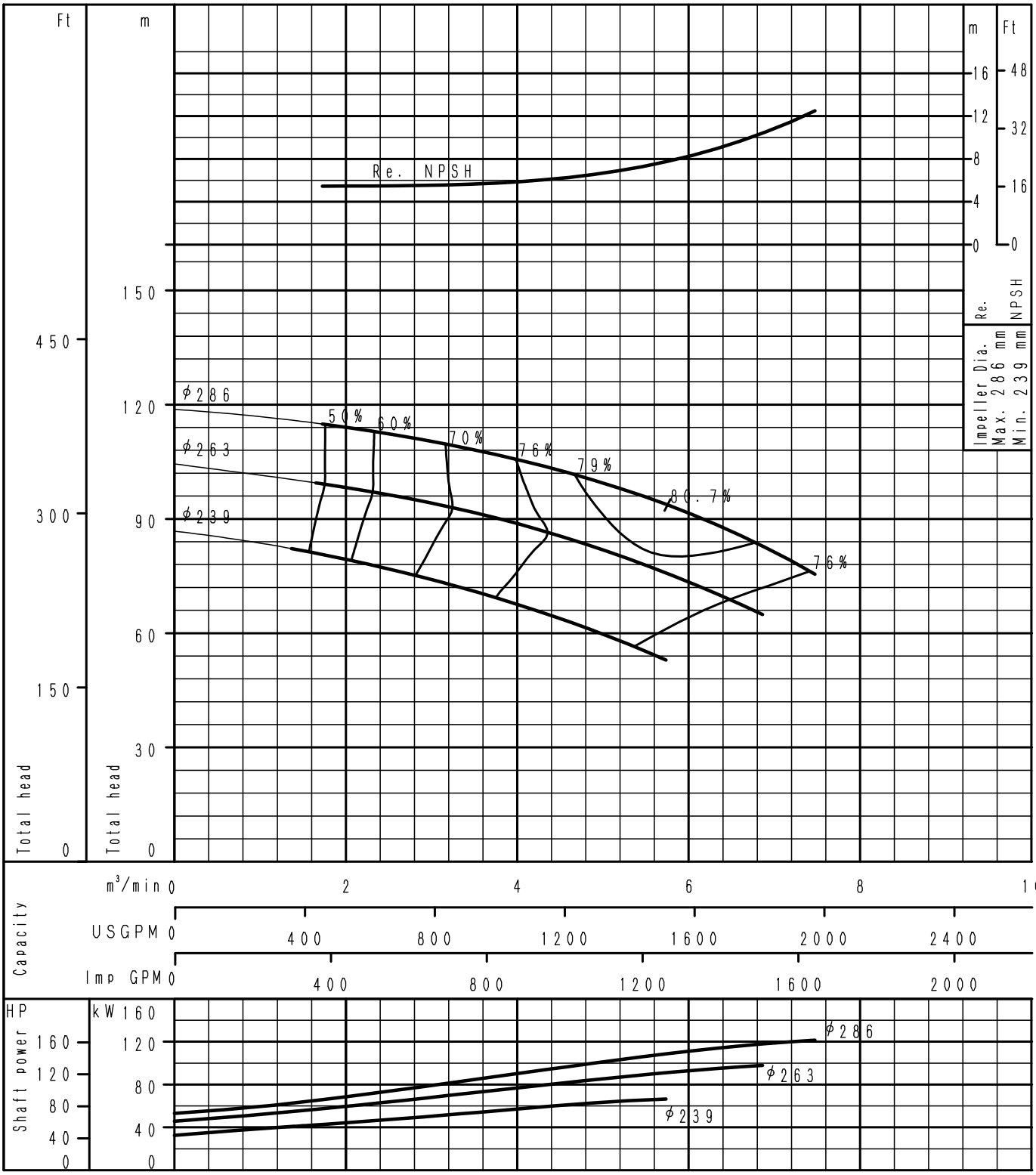
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

2 Poles

150X125CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 2970 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932883-00

EBARA

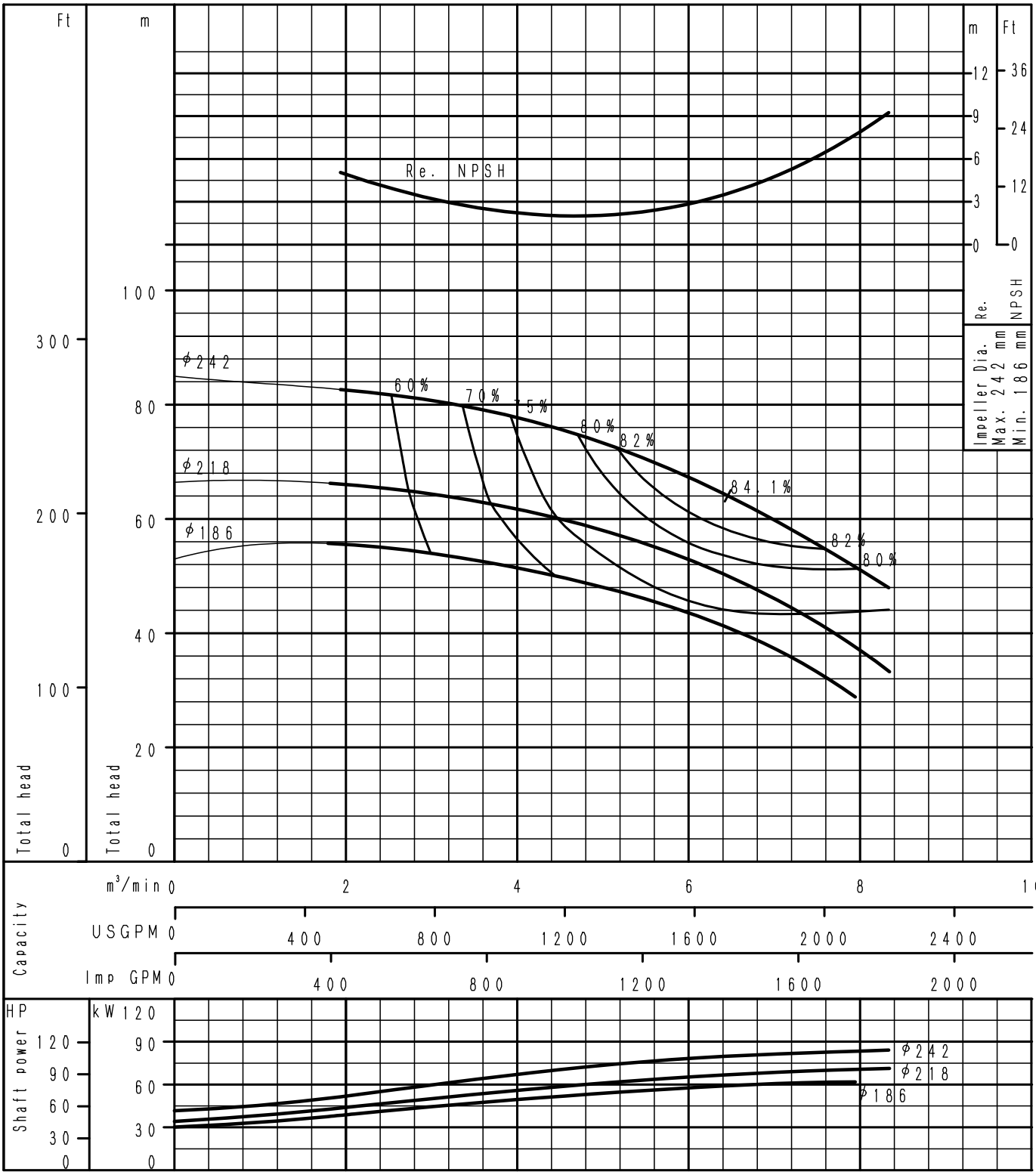
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

2 Poles

200X125CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 2970 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



F8-1932884-00

EBARA

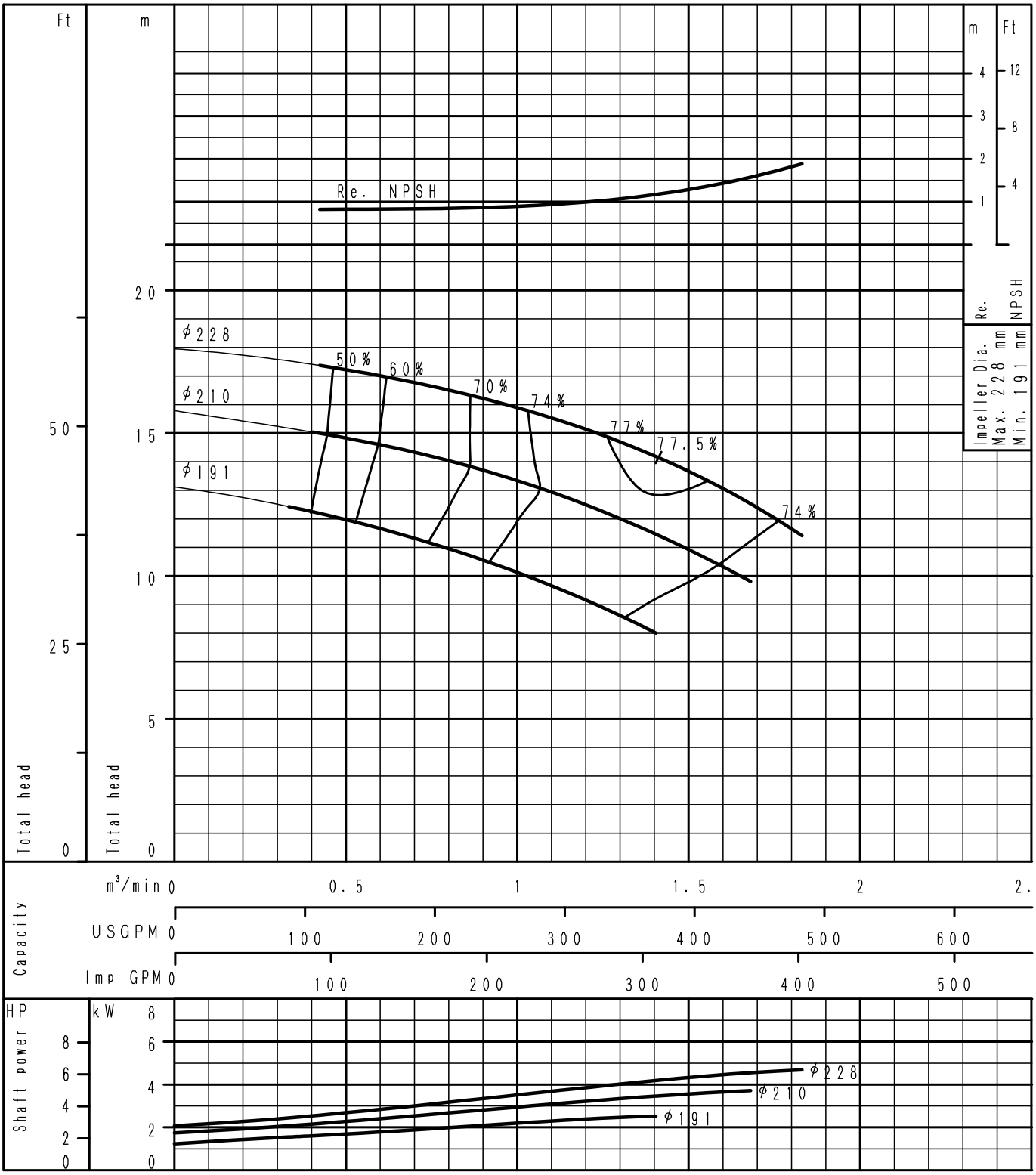
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

125X80CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1455 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738863-01

EBARA

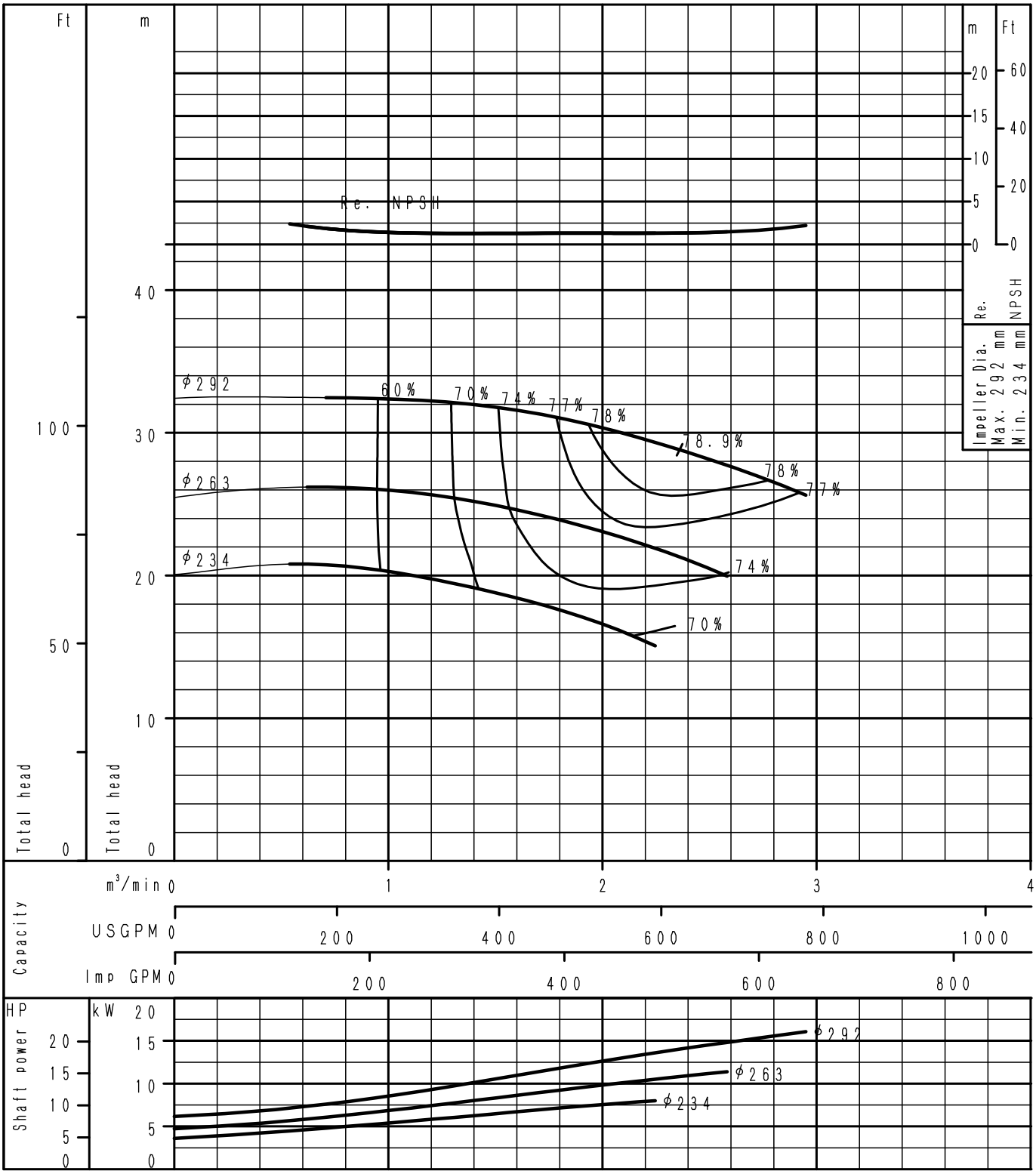
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

125X80CBK	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738882-00

EBARA

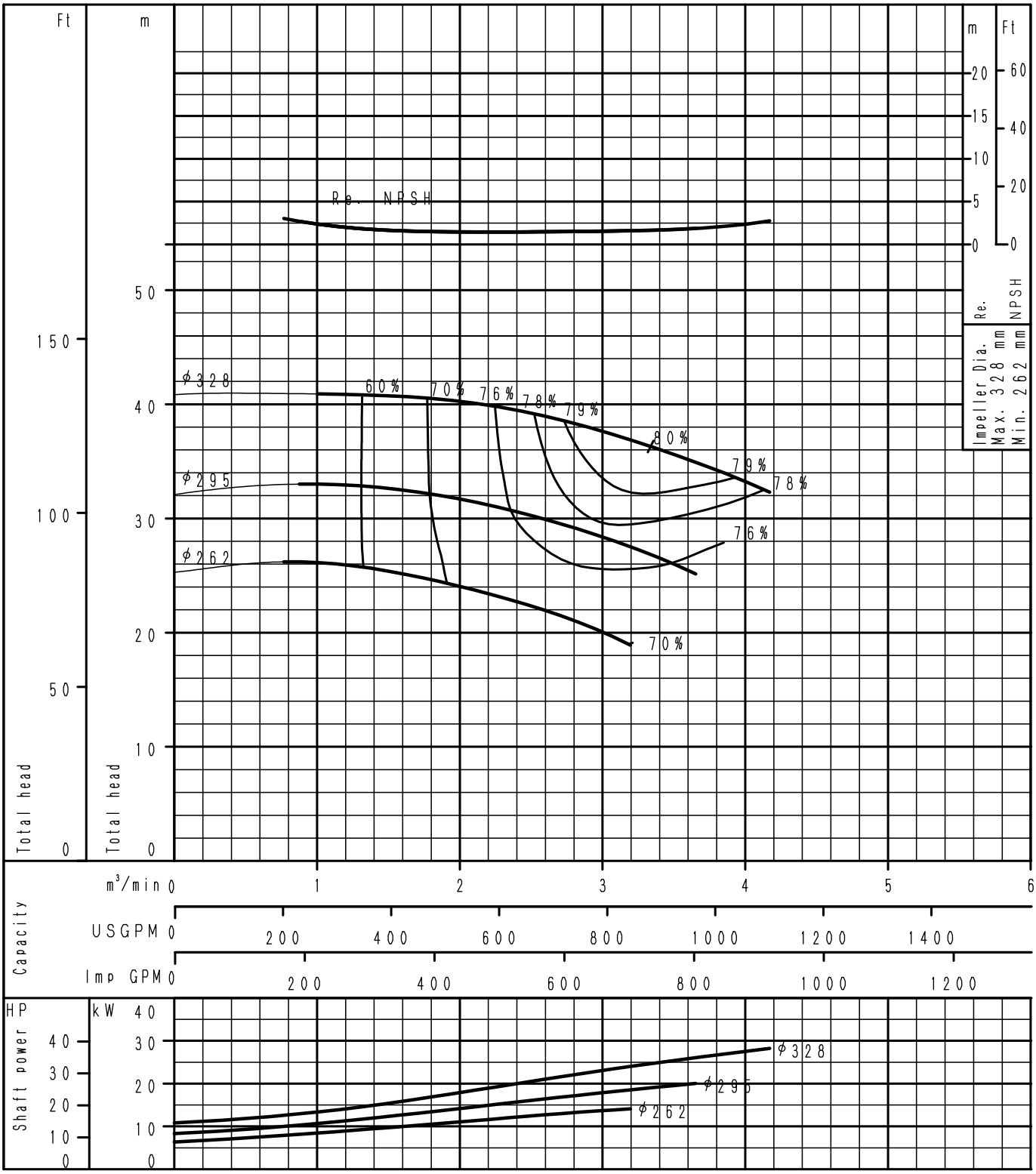
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

125X100CBK	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738883-00

EBARA

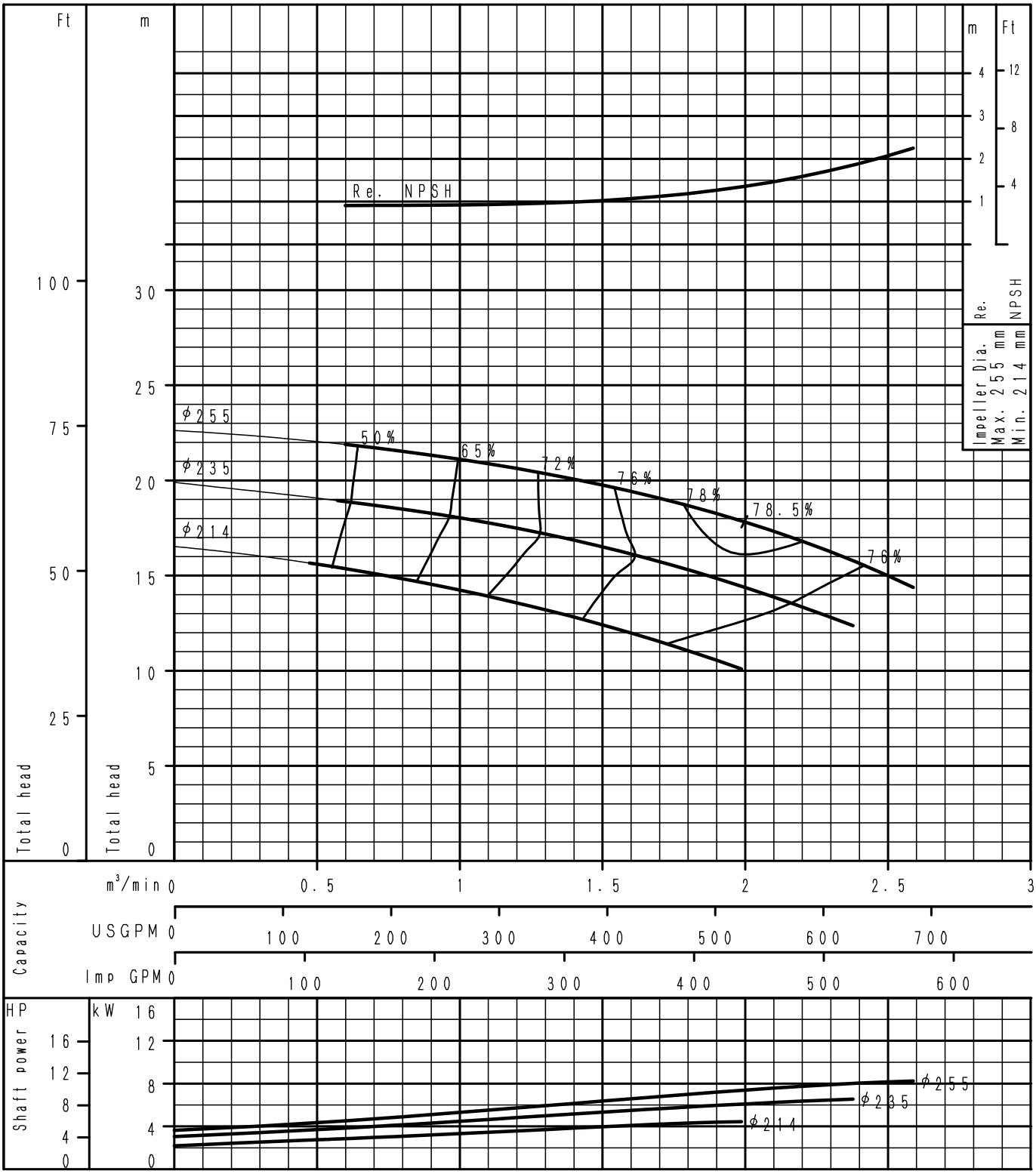
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

150X100CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1455 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738864-01

EBARA

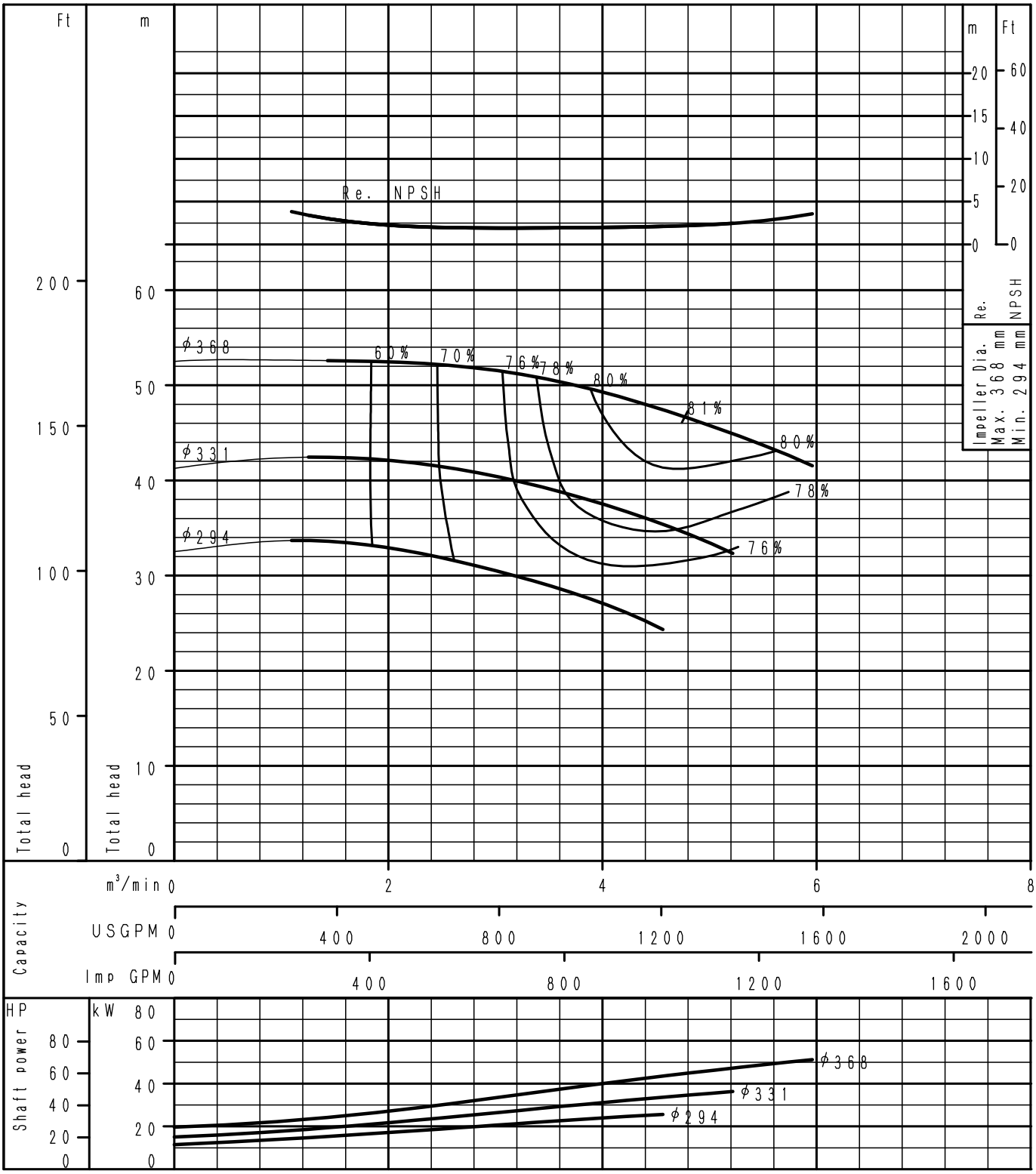
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

150X100CBK	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1485 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738884-00

EBARA

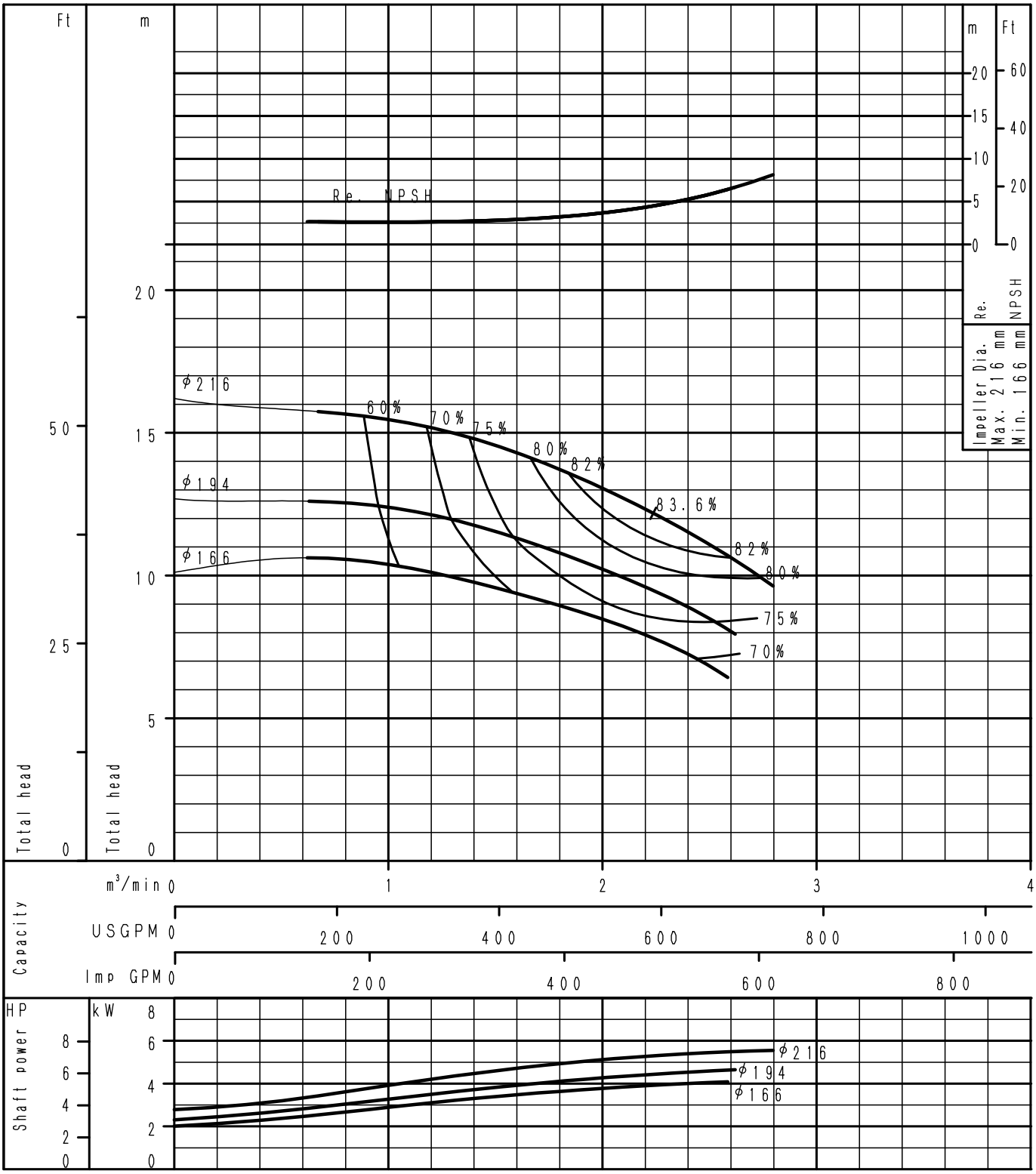
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

150X125CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1455 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738873-00

EBARA

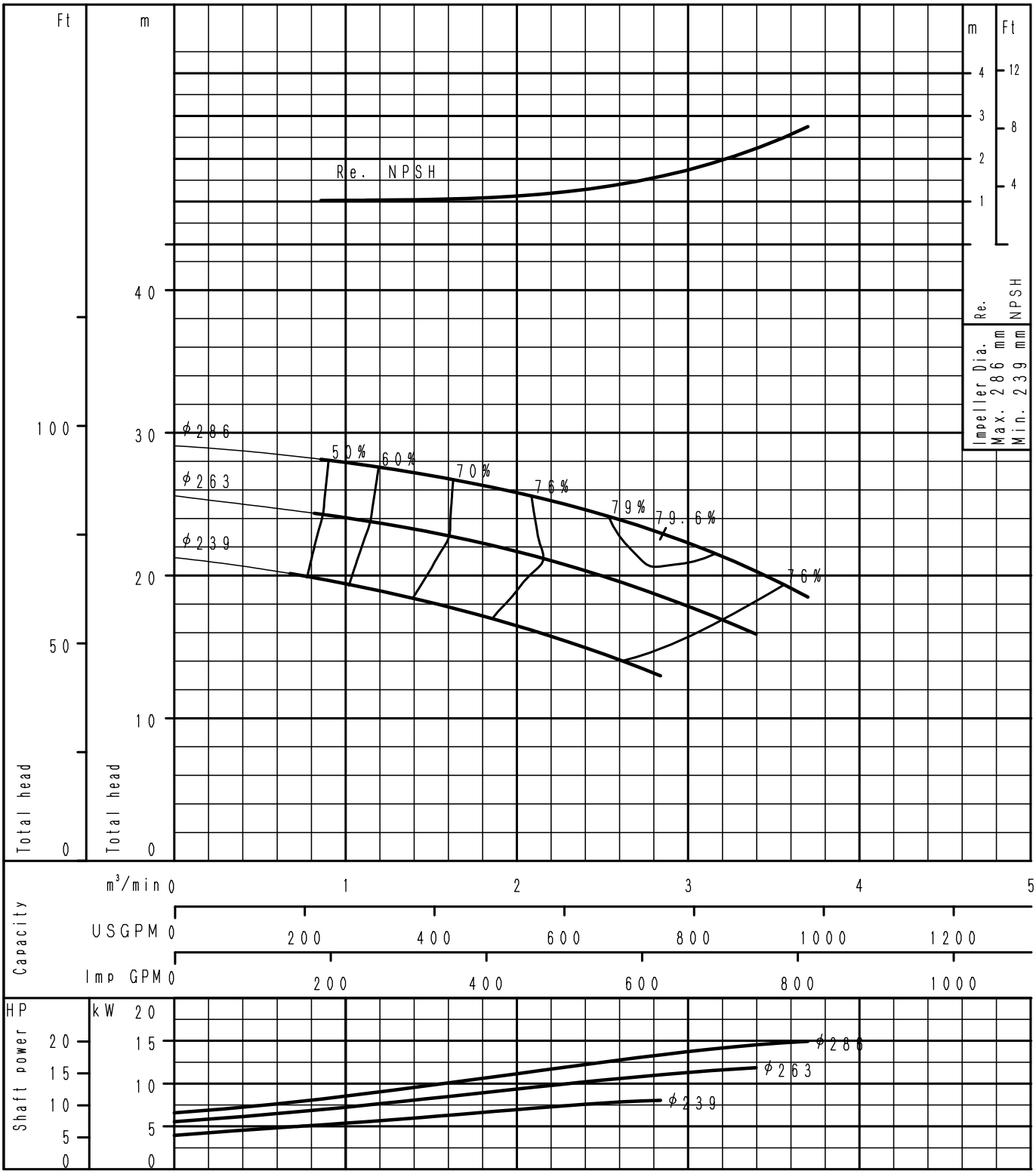
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

150X125CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738865-01

EBARA

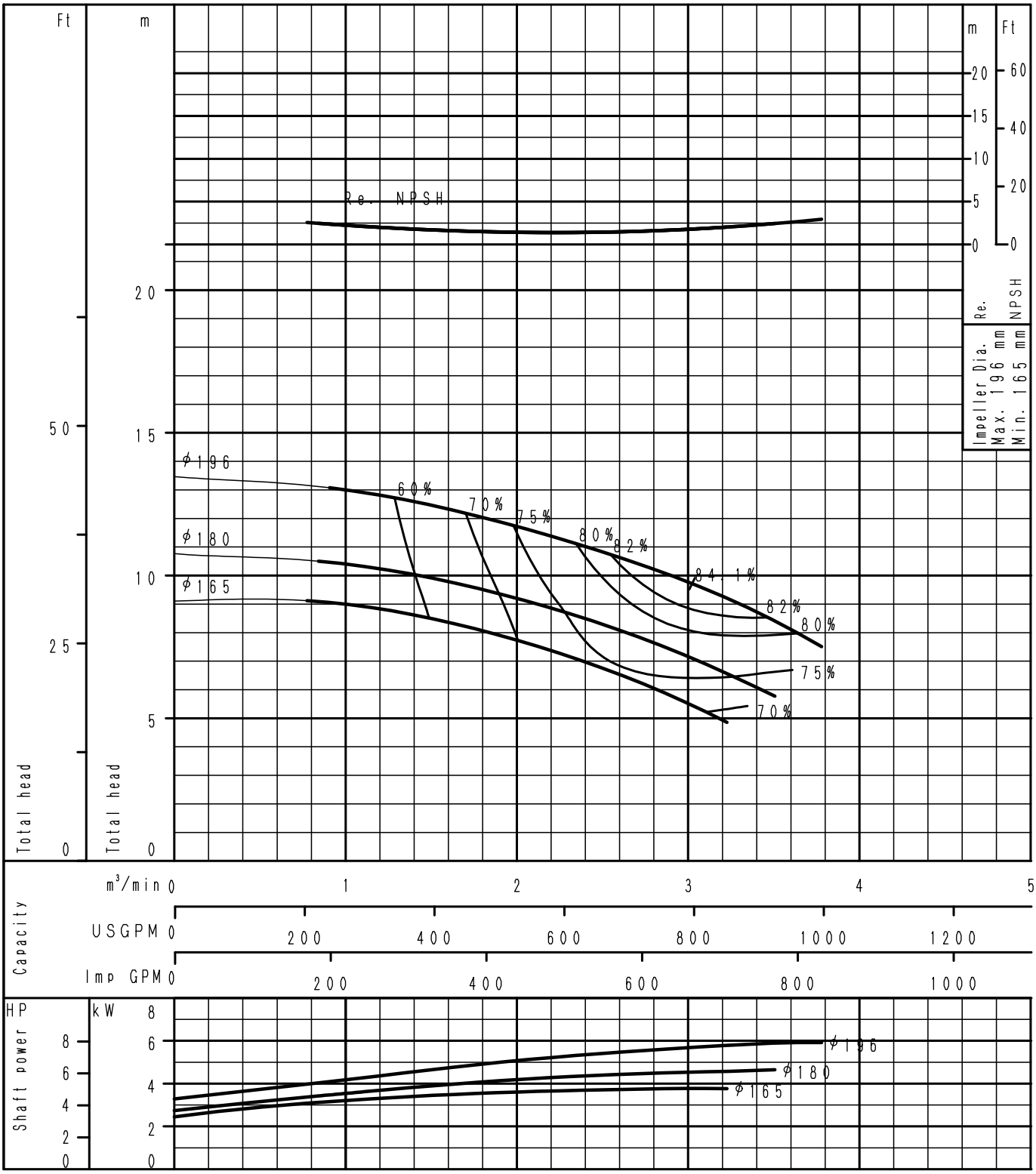
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

150X150CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1455 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738888-00

EBARA

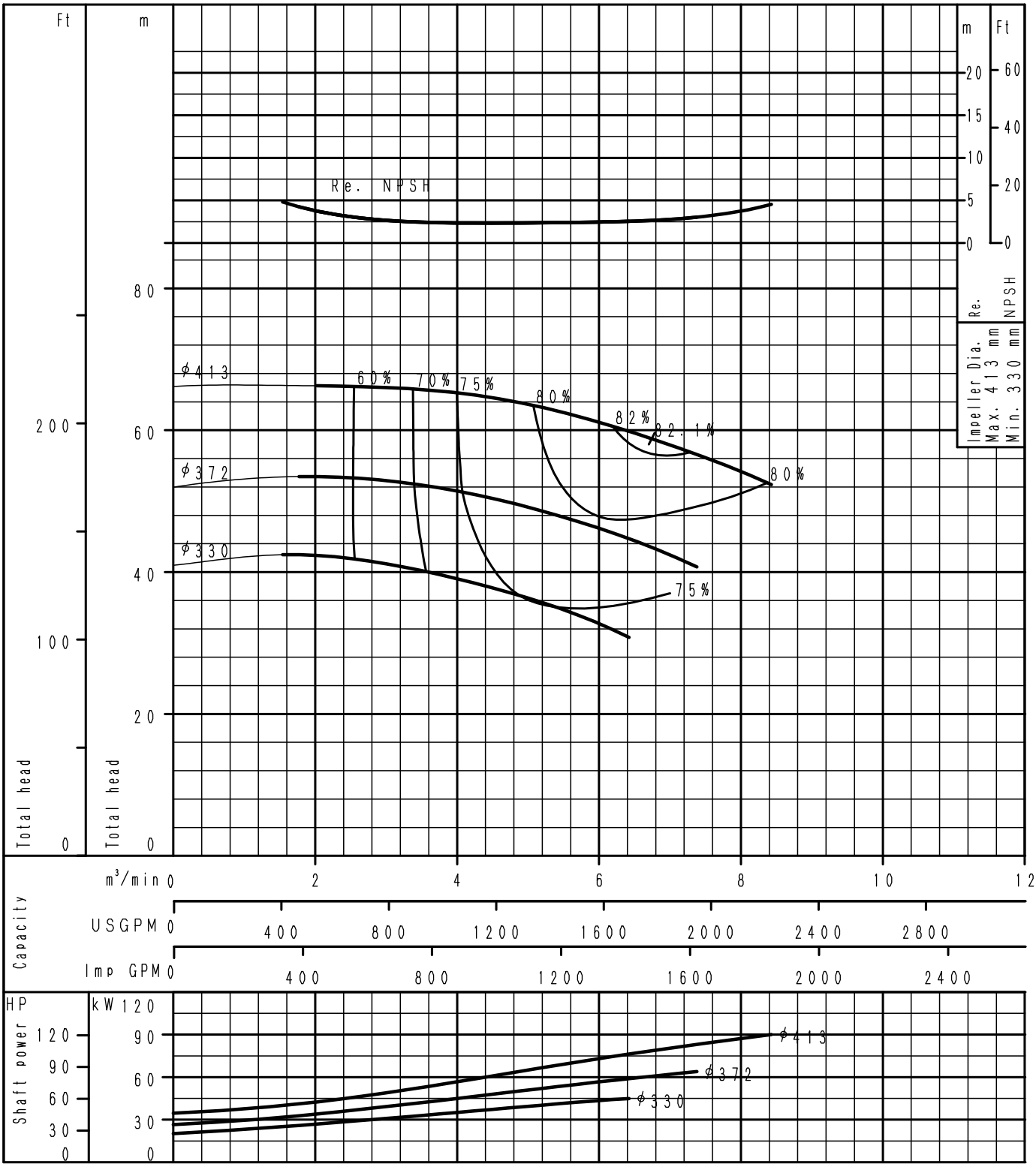
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

200X100CBK	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1485 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738885-00

EBARA

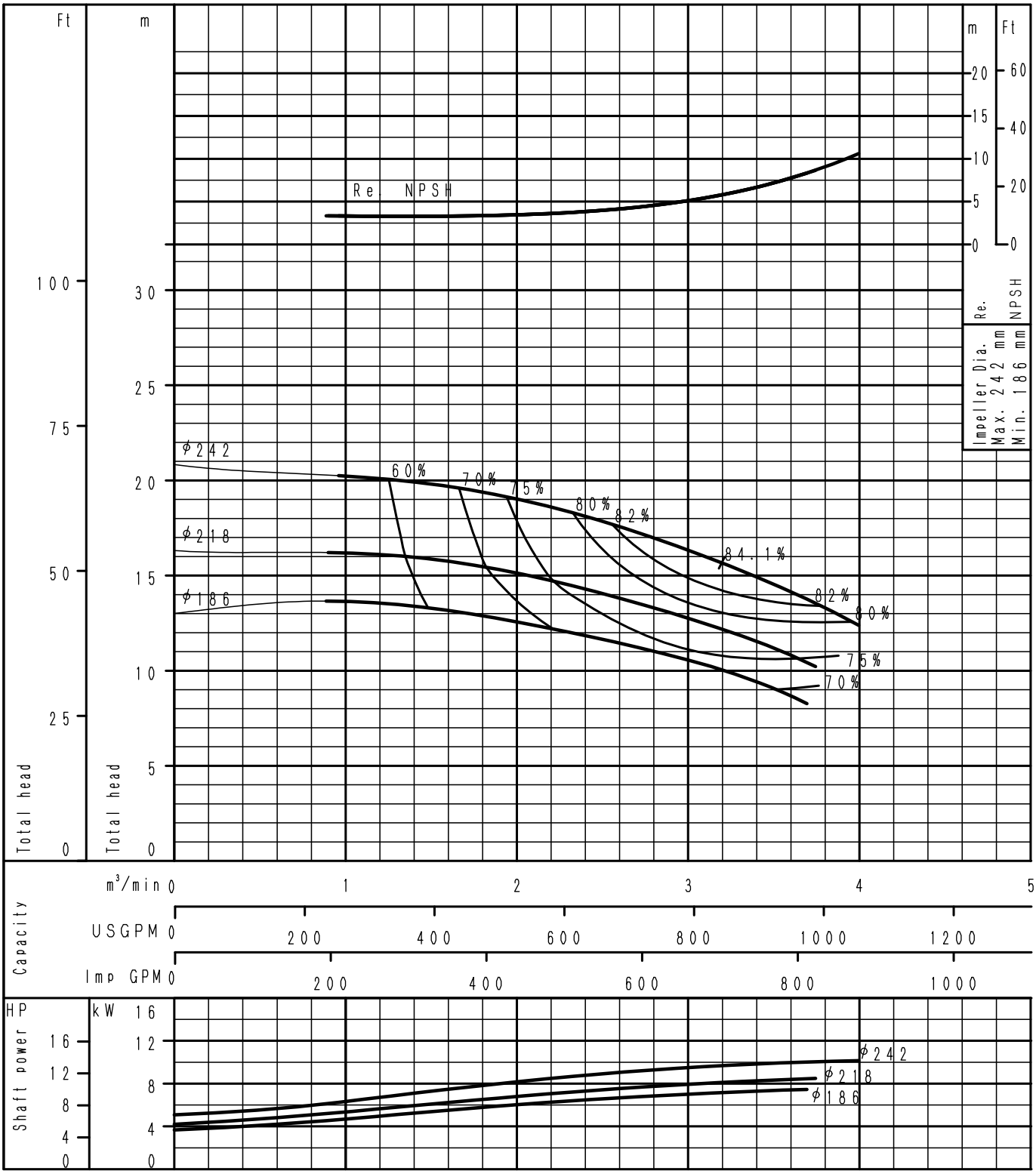
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

200X125CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738874-00

EBARA

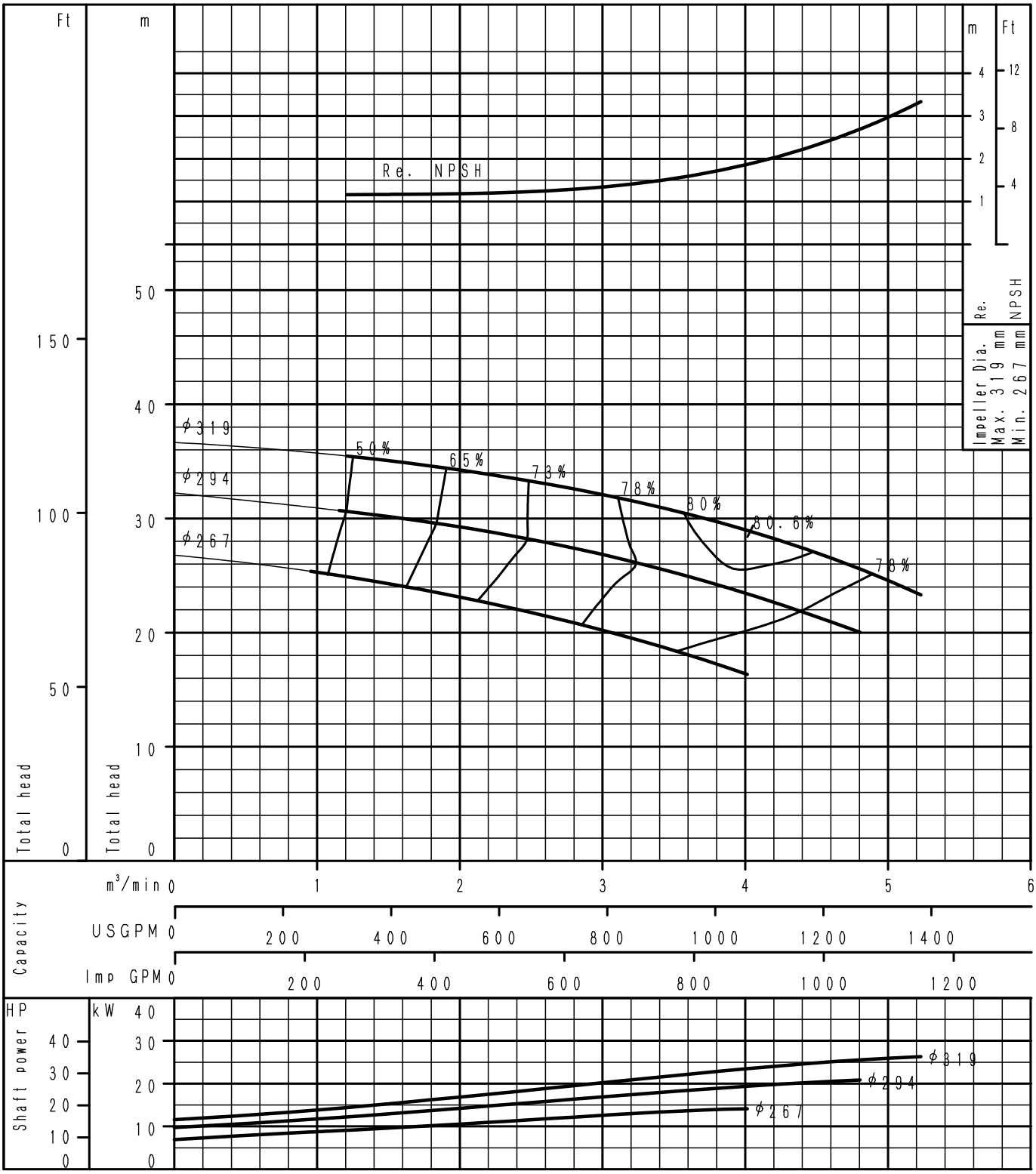
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

200X125CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738866-01

EBARA

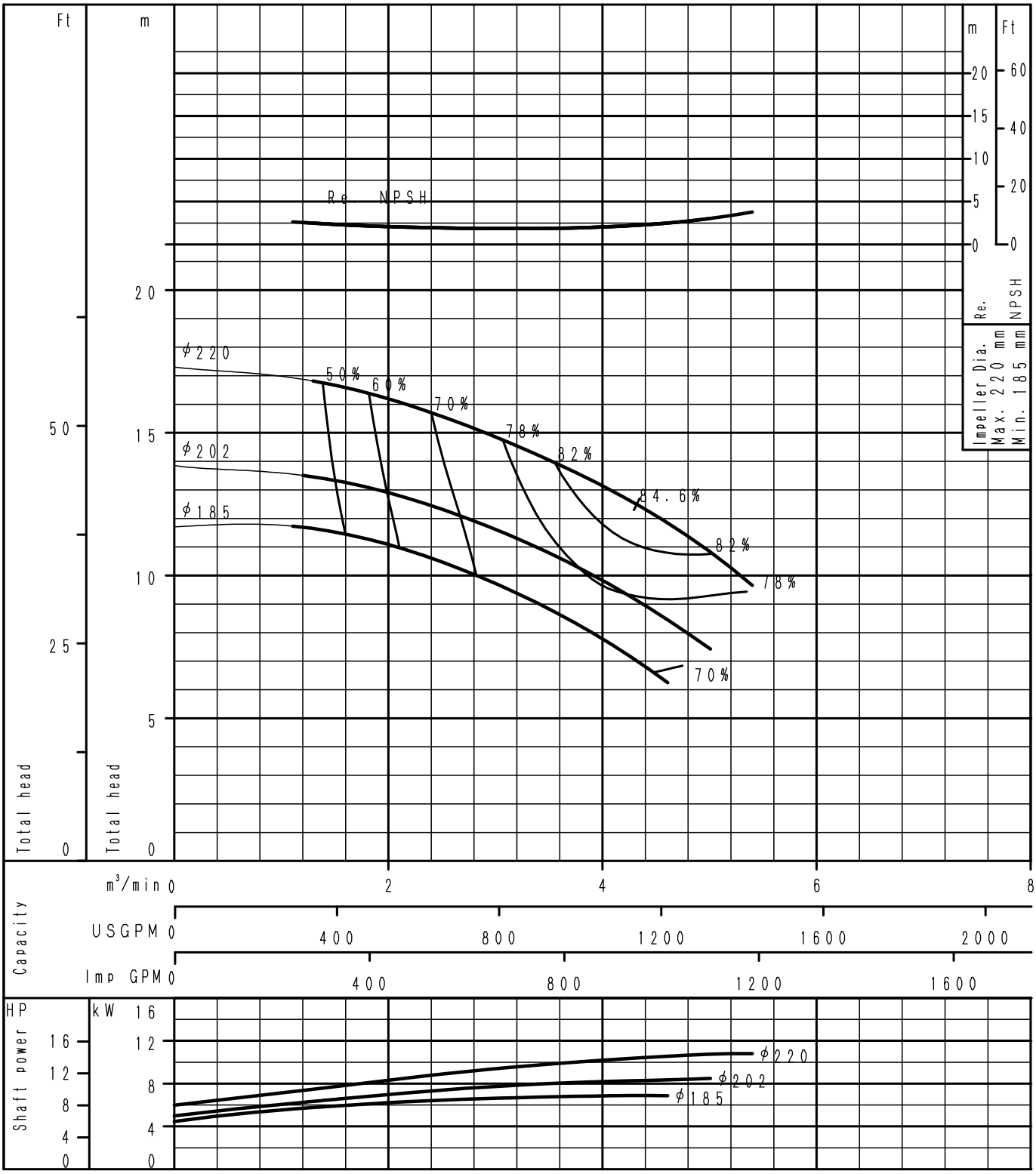
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

200x150CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738889-00

EBARA

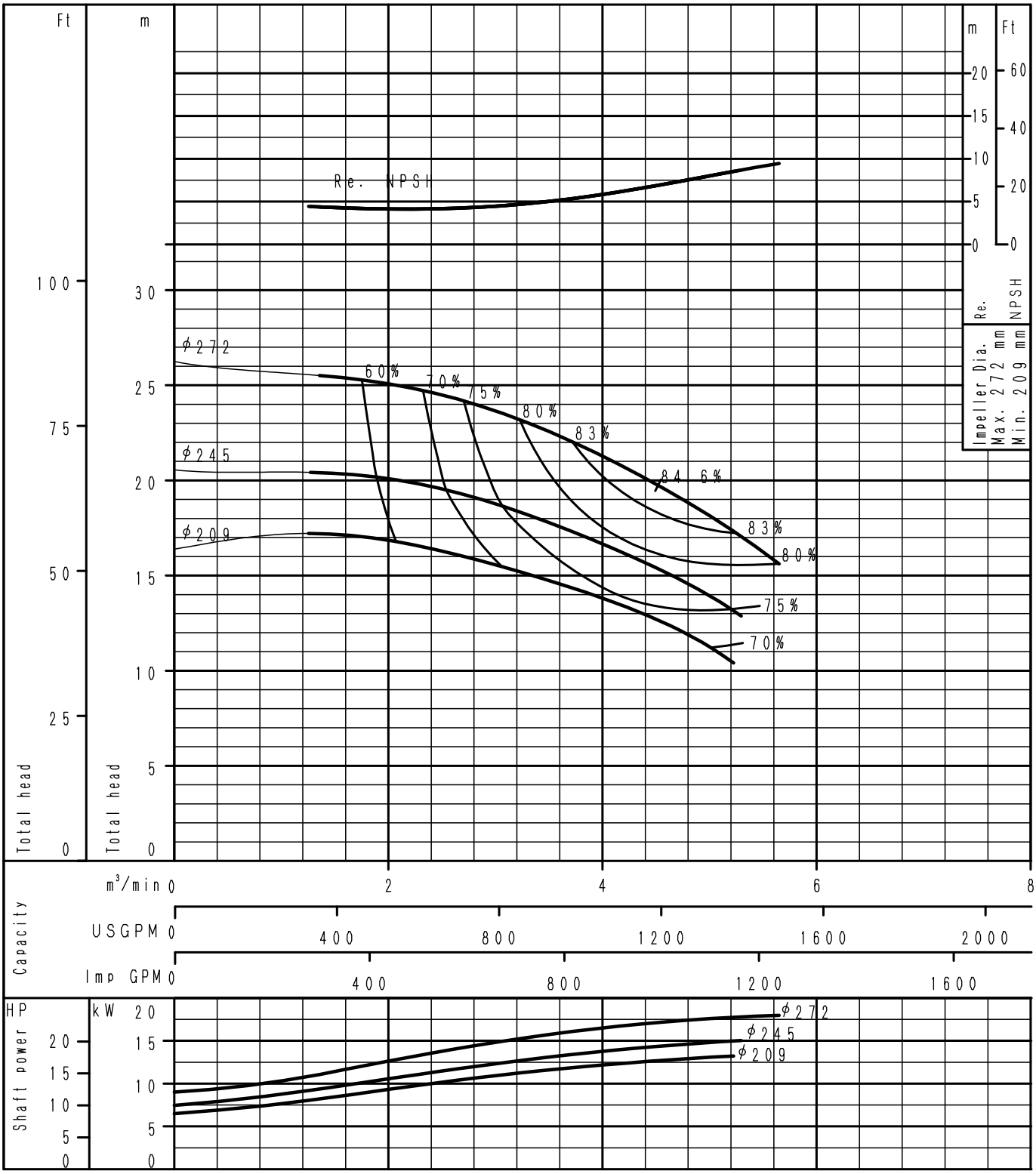
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

200X150CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738875-00

EBARA

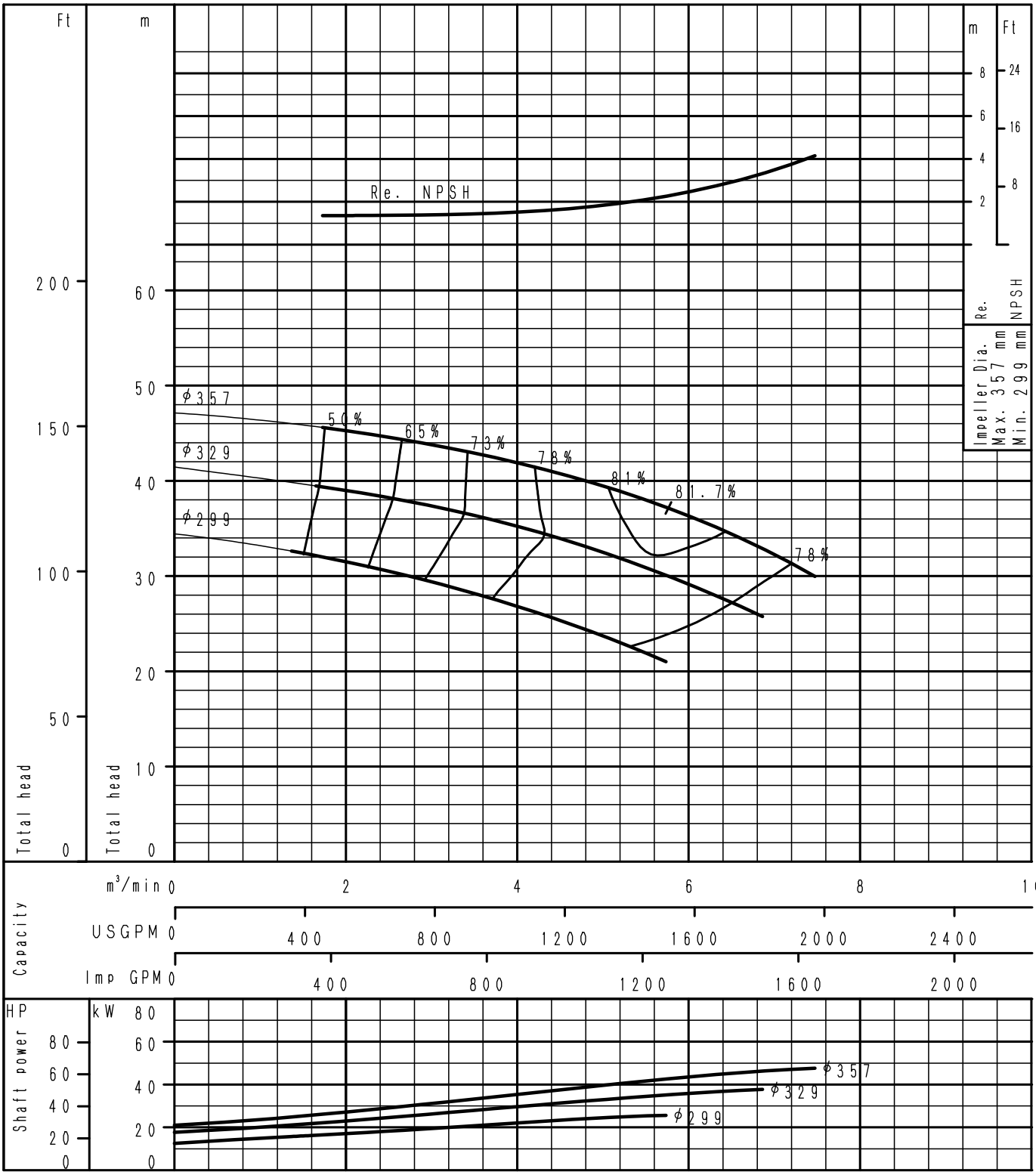
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

200X150CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1485 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738867-01

EBARA

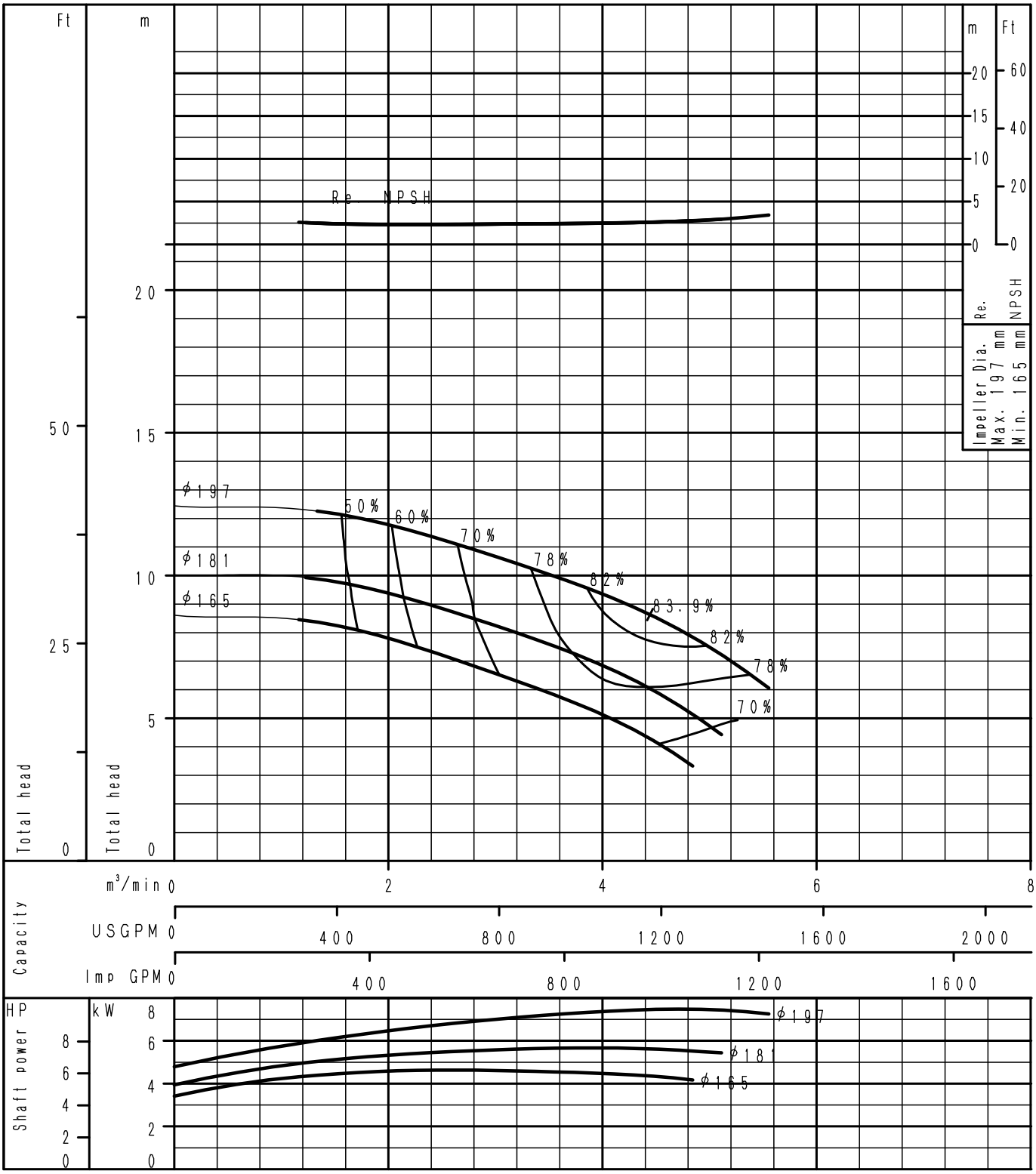
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

200X200CBF	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1455 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738892-00

EBARA

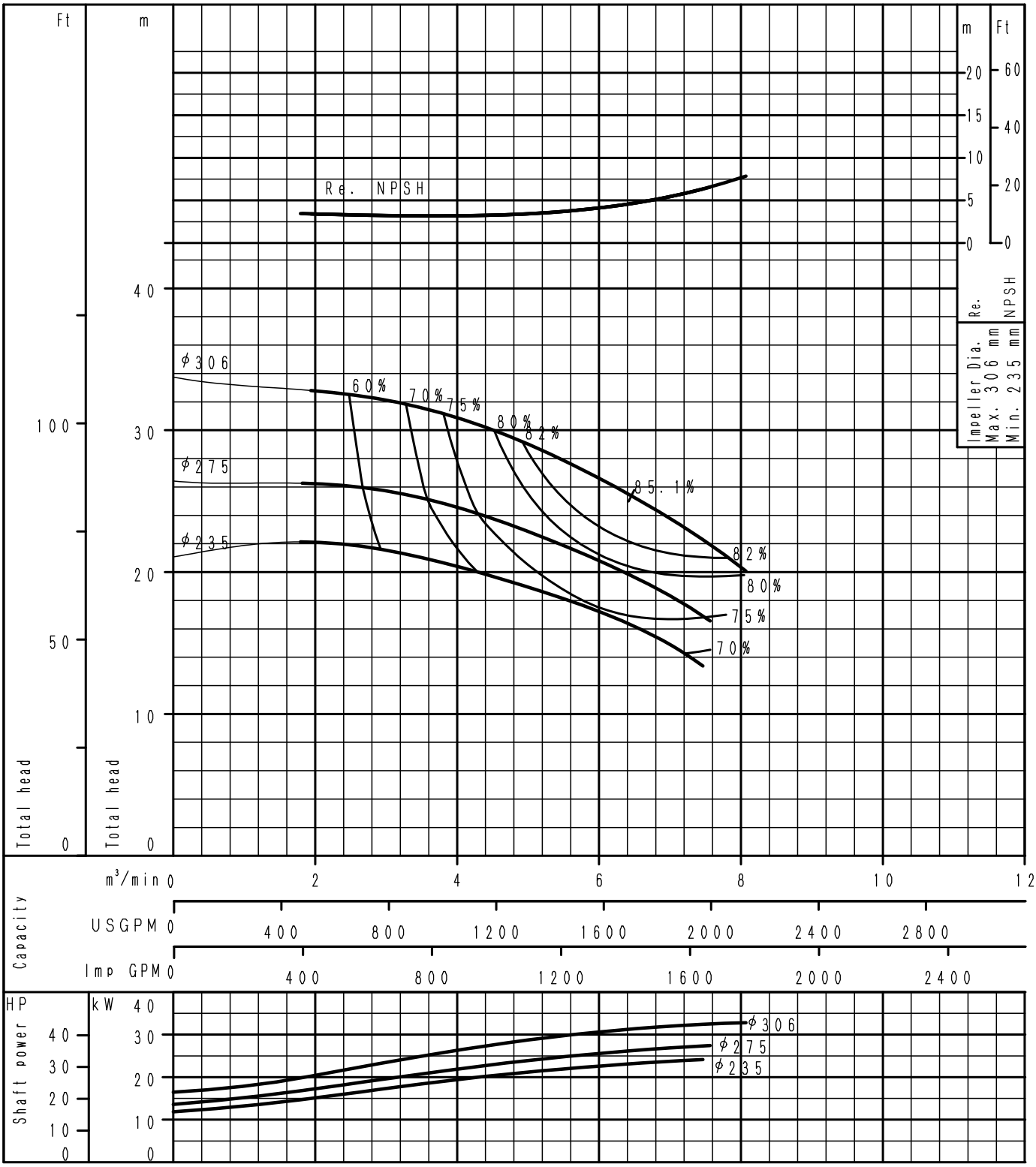
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

250X150CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1485 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738876-00

EBARA

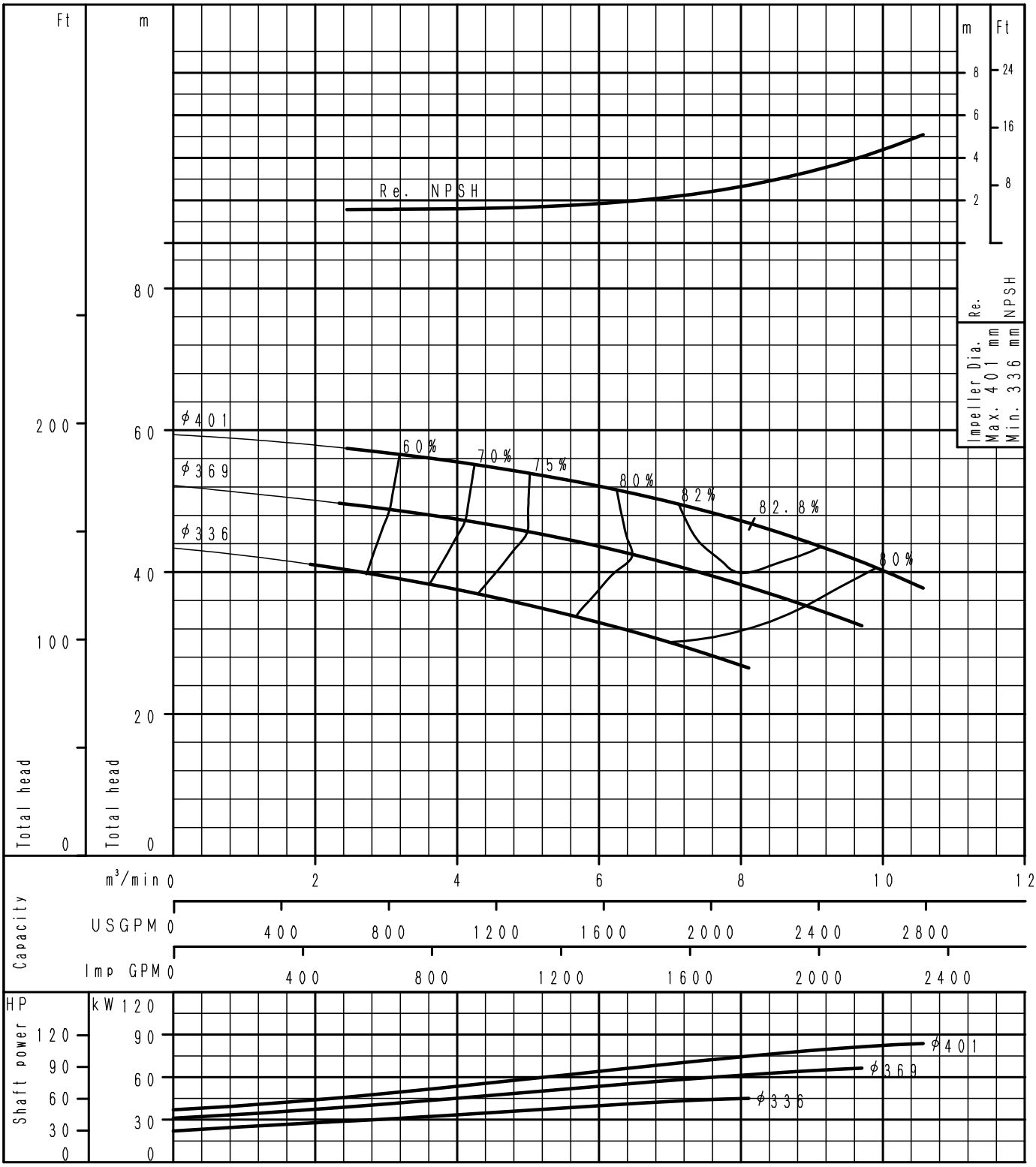
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

250X150CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1485 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738868-01

EBARA

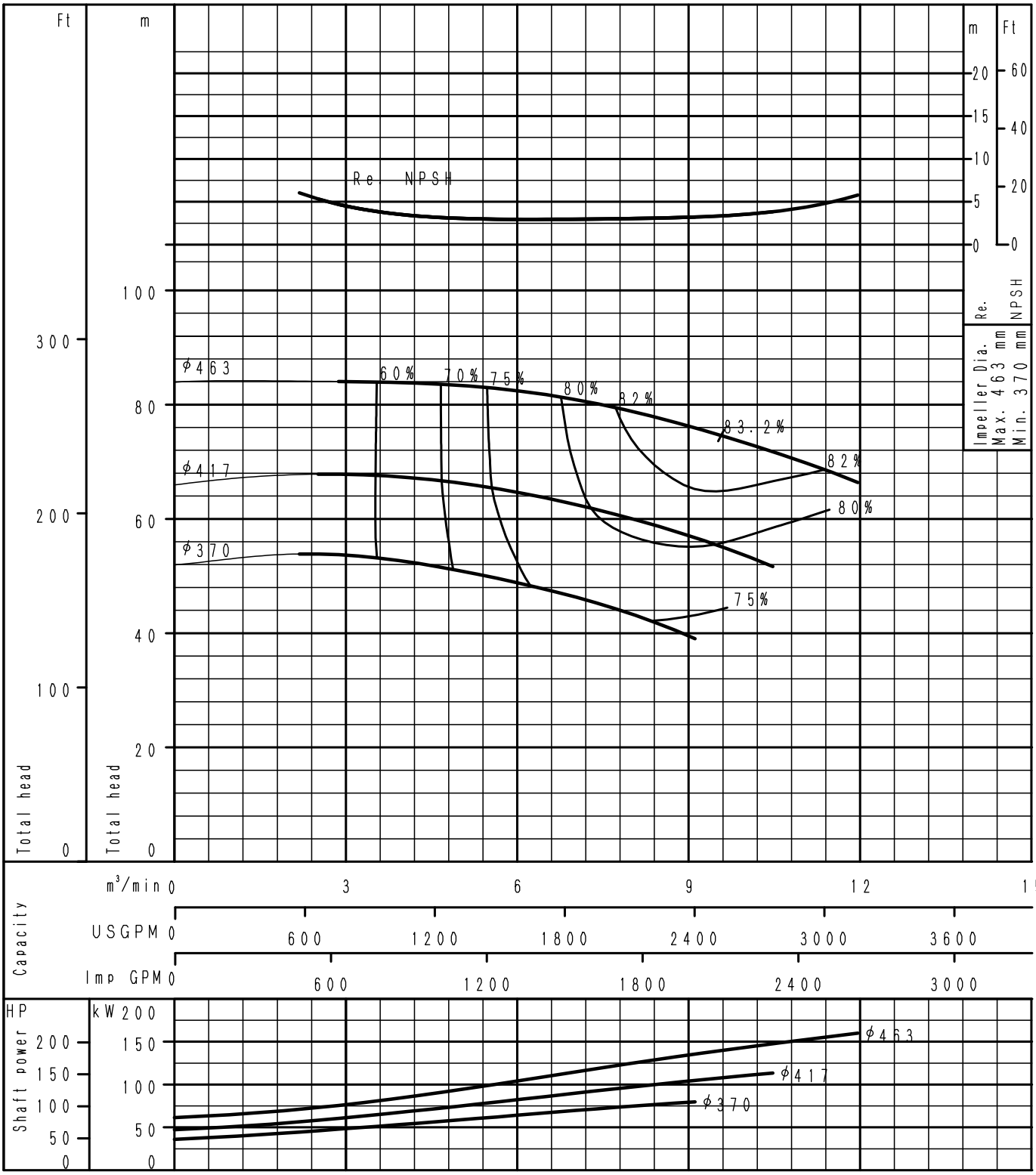
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

250X150CBK	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738886-00

EBARA

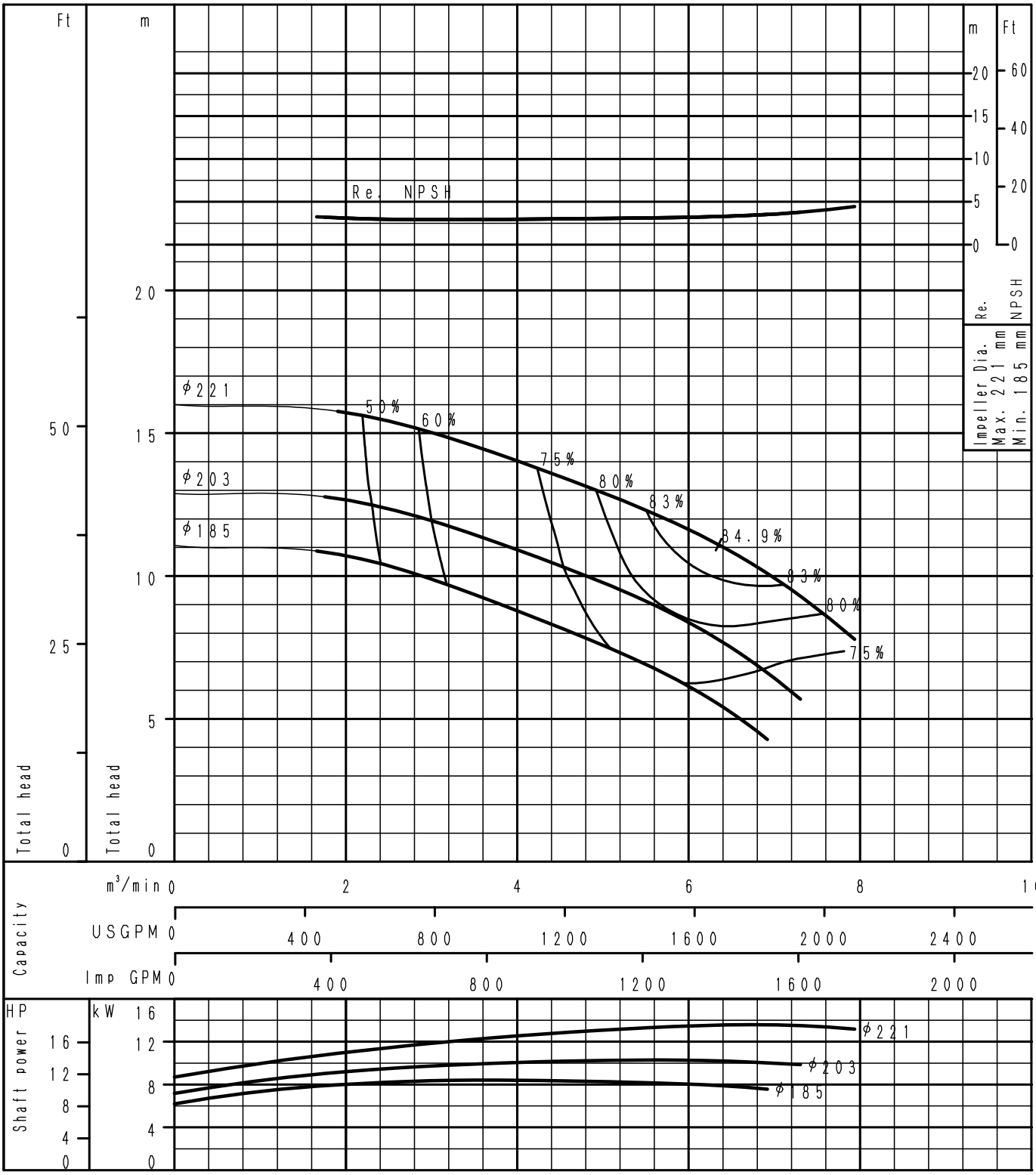
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

250X200CBF	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738893-00

EBARA

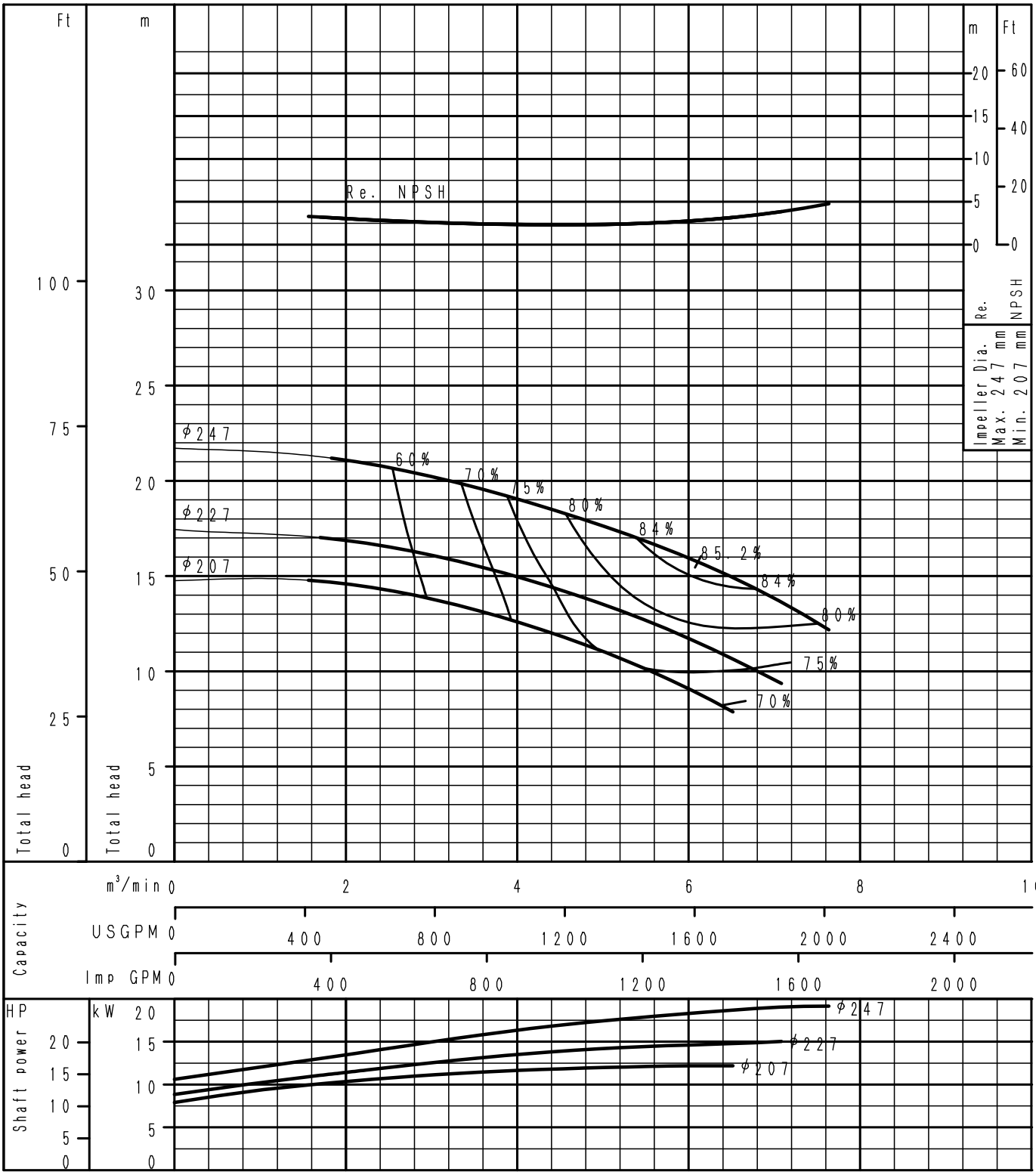
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

250X200CBGX	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738890-00

EBARA

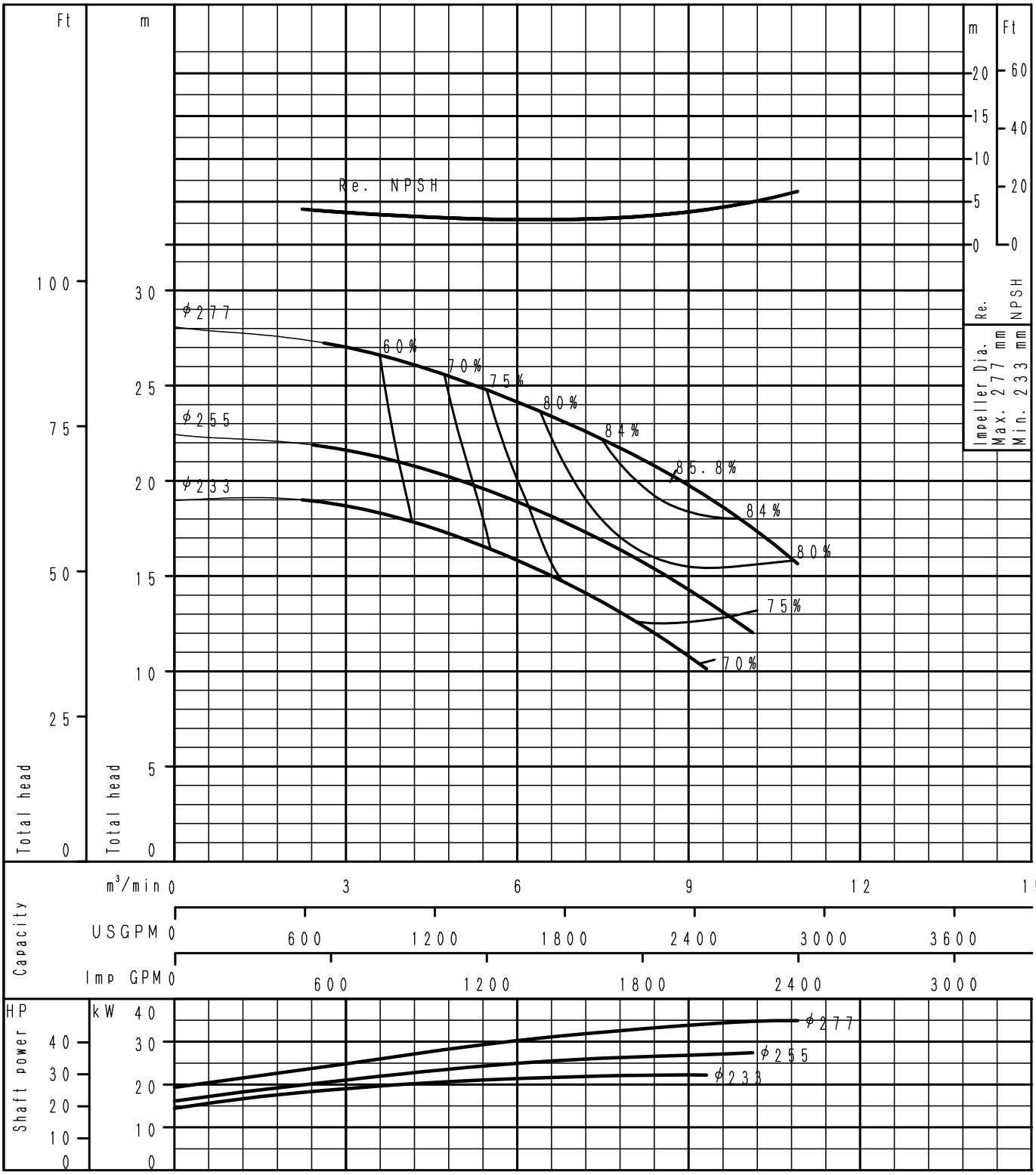
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

250X200CBGY	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1485 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738891-00

EBARA

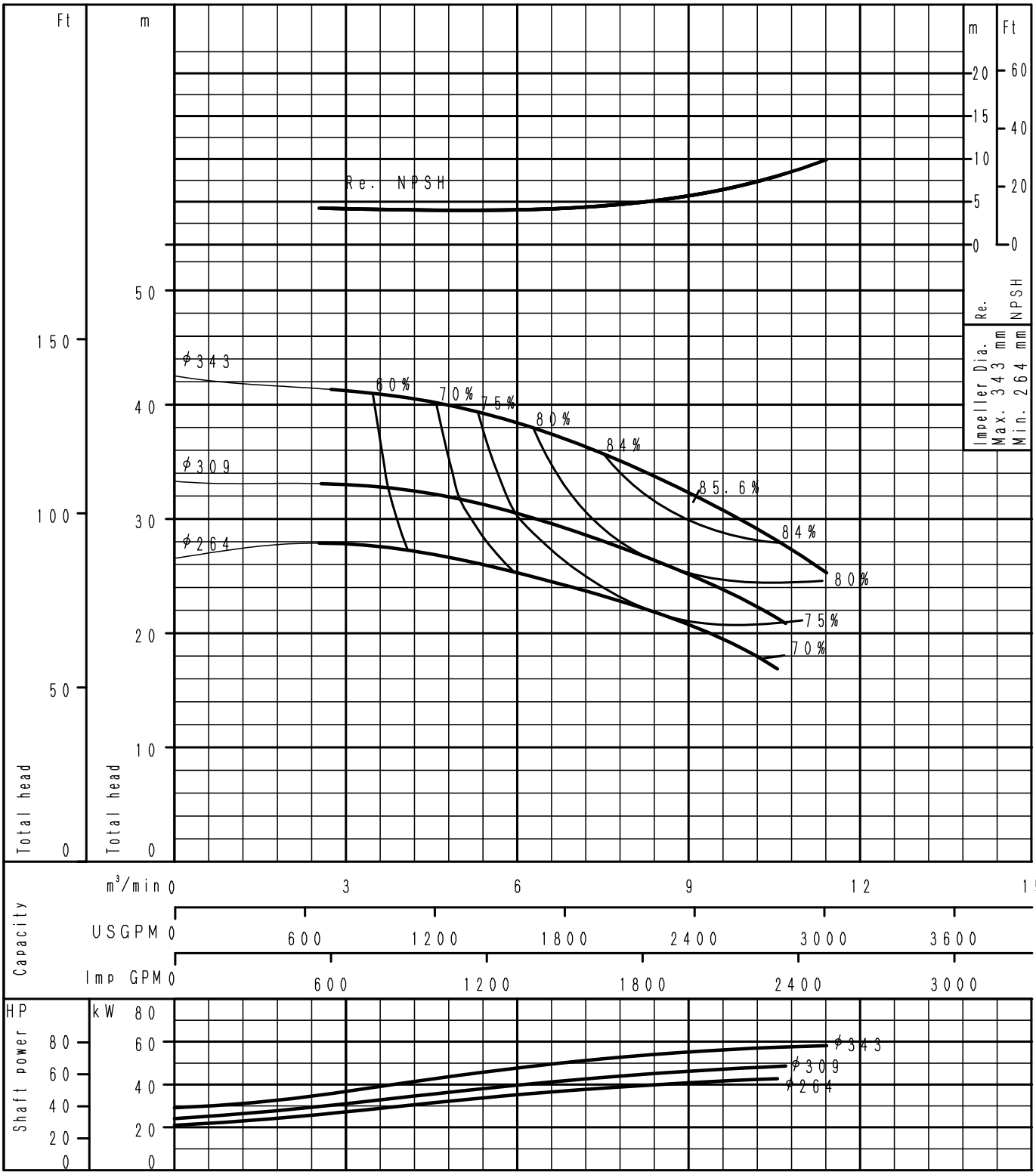
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

250X200CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1485 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738877-00

EBARA

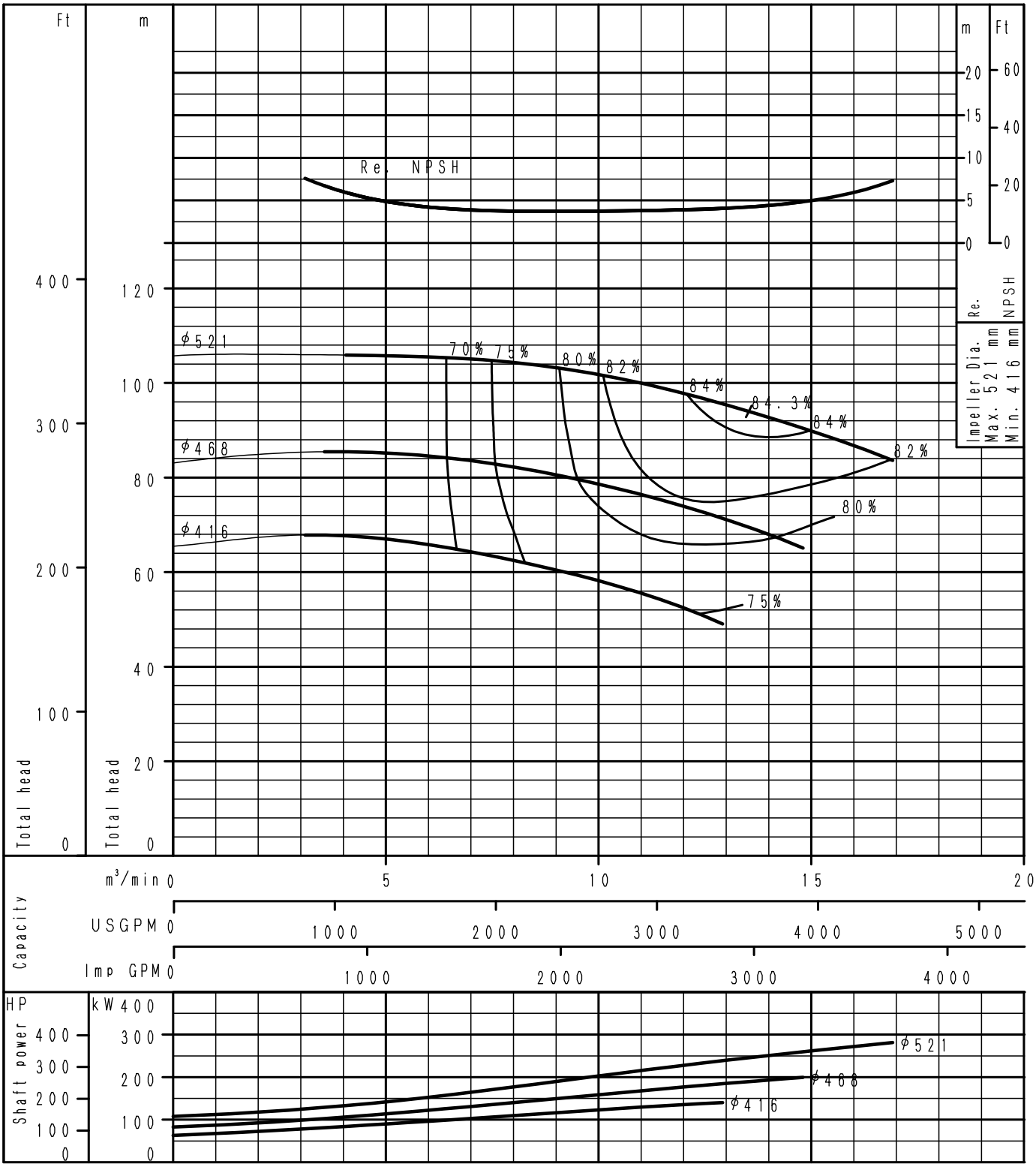
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X150CBK	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1738887-00

EBARA

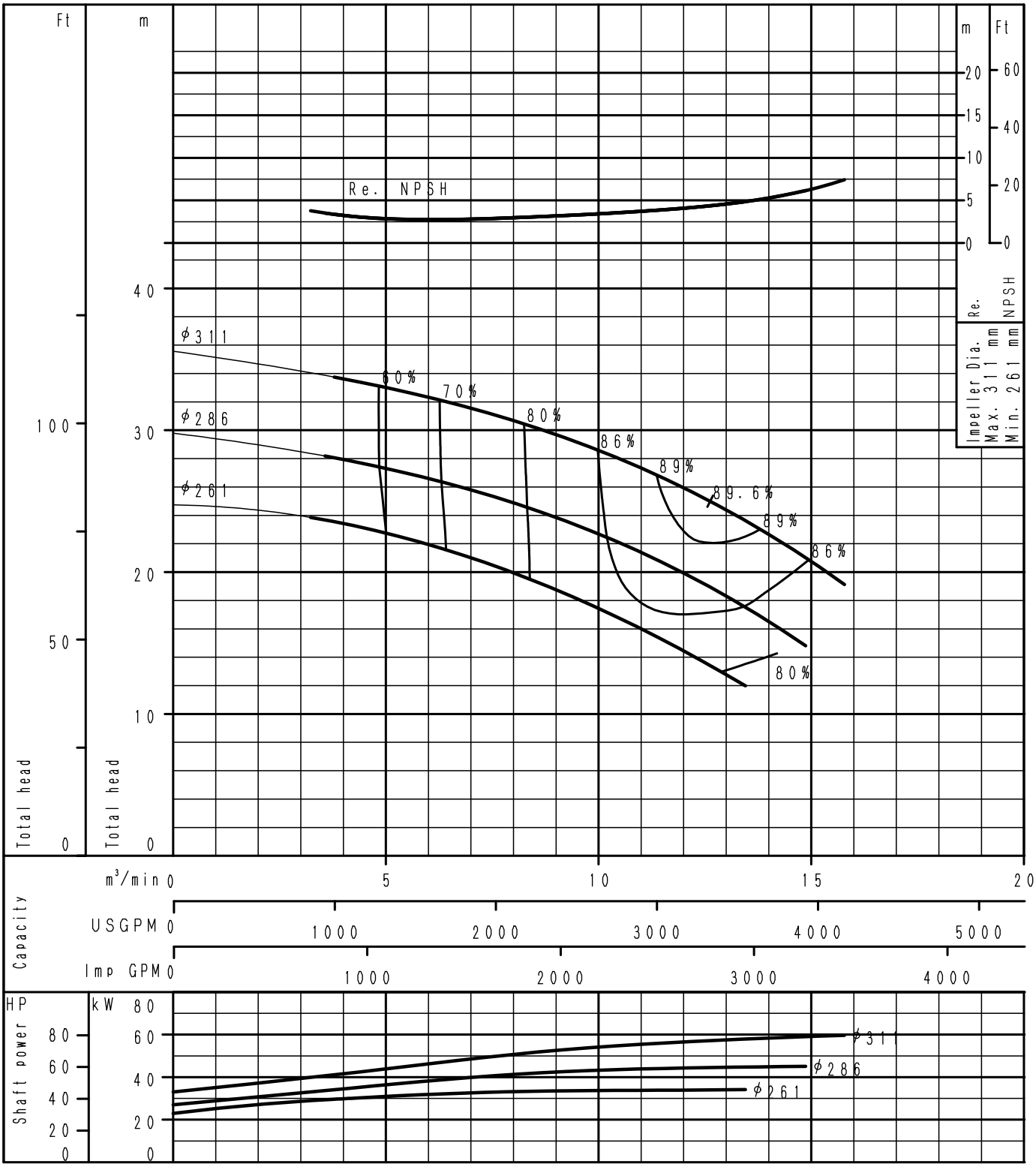
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X200CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1734506-00

EBARA

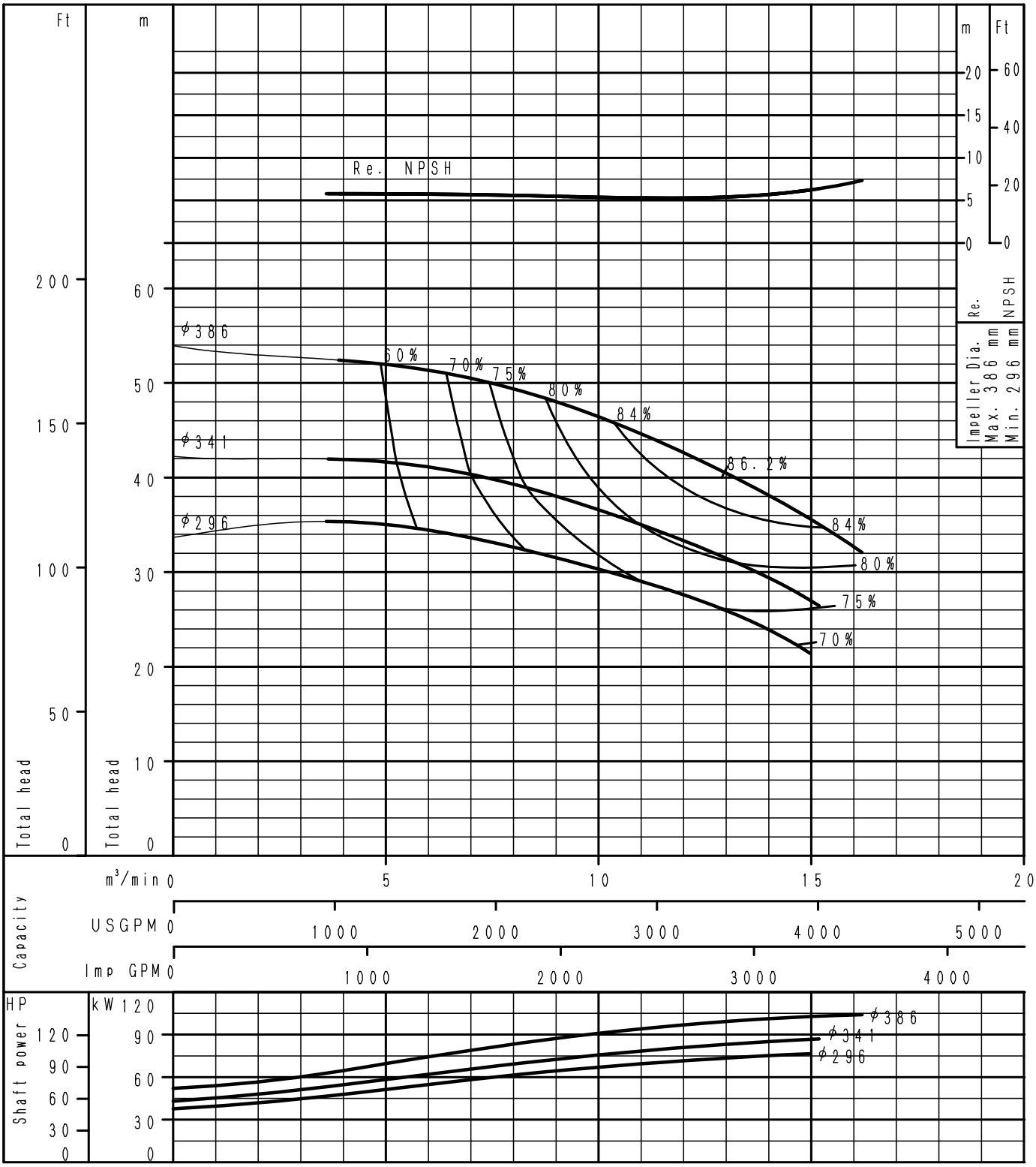
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X200CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738878-01

EBARA

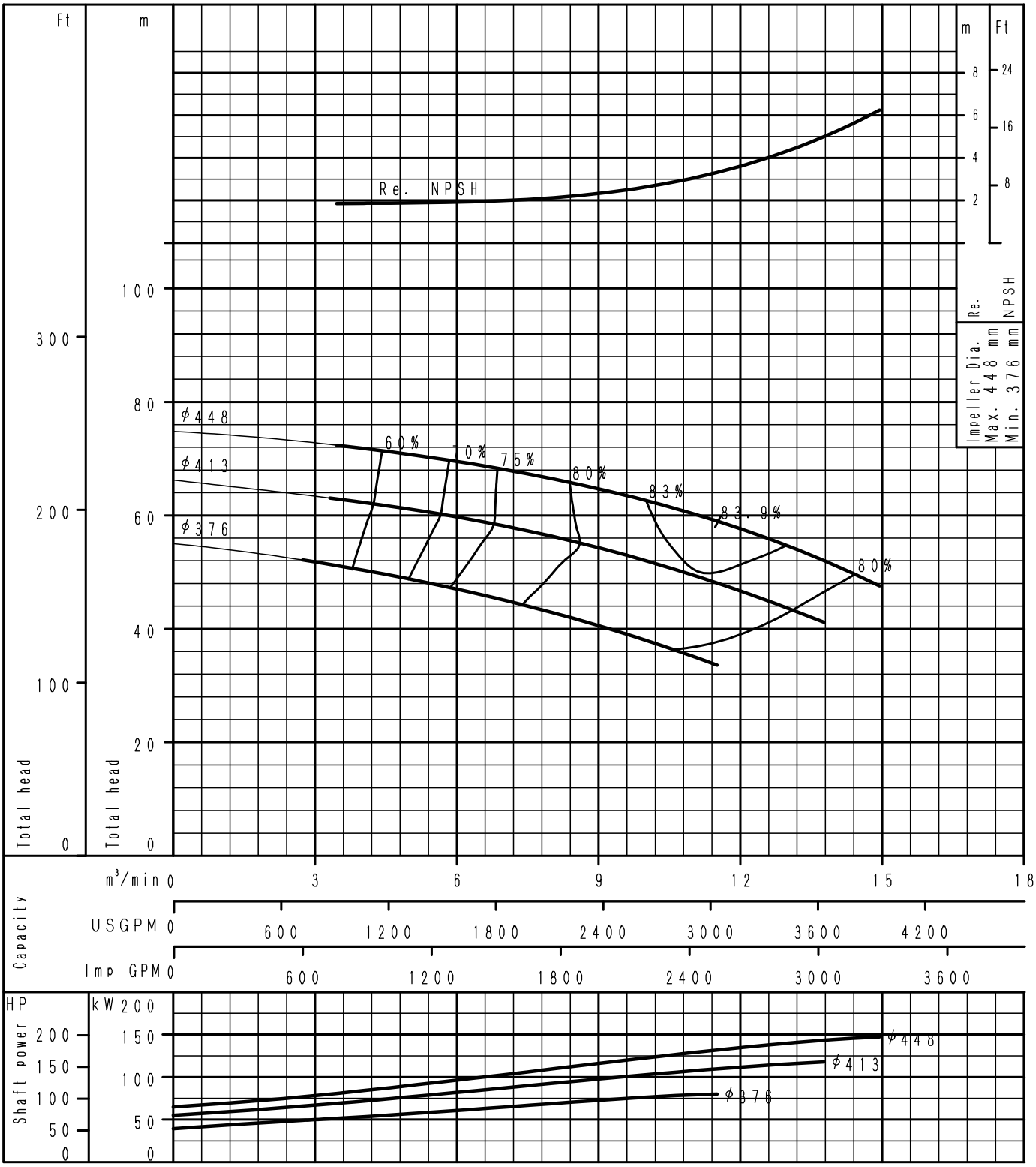
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X200CBJX	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738869-01

EBARA

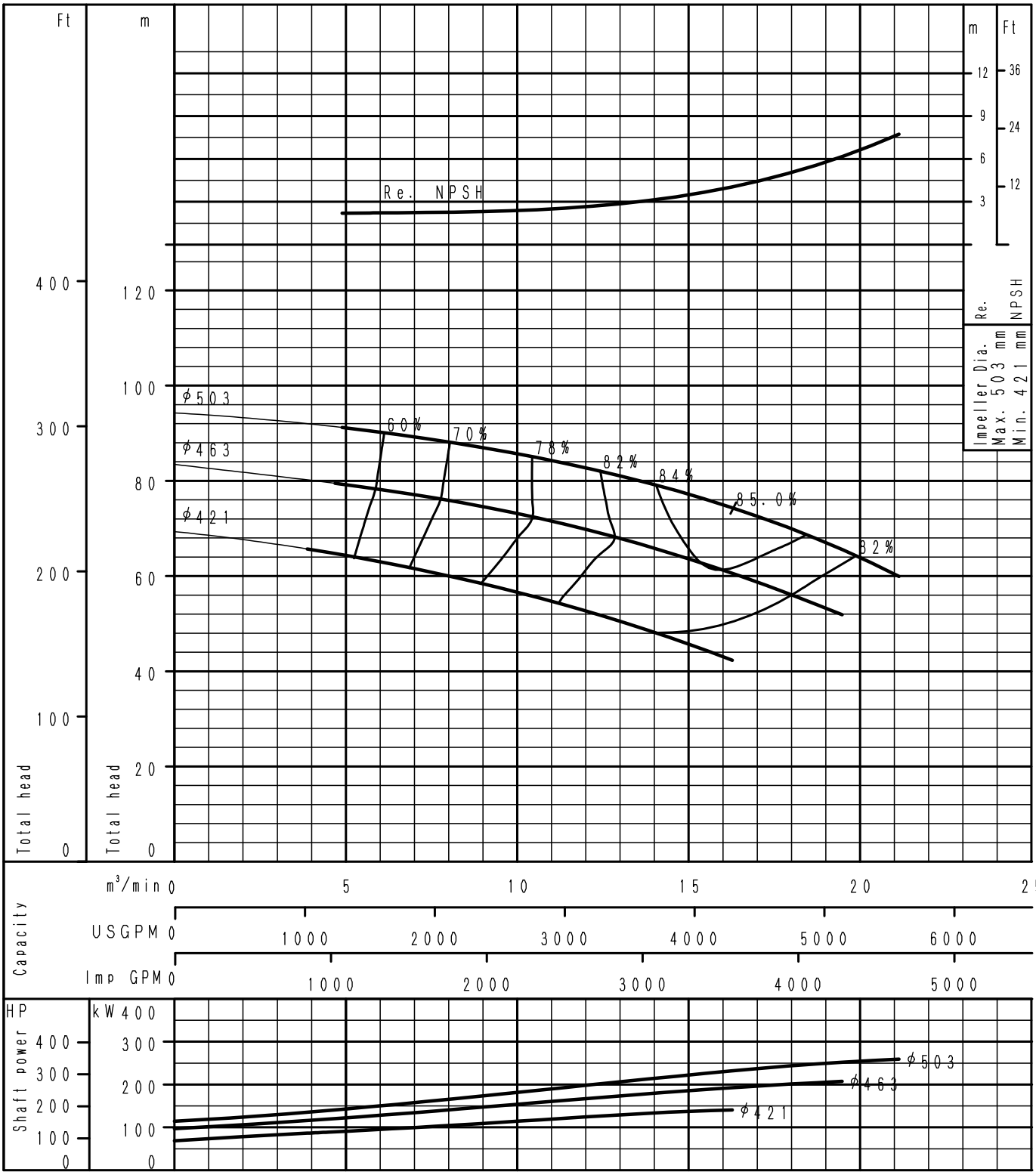
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X200CBJY	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738870-01

EBARA

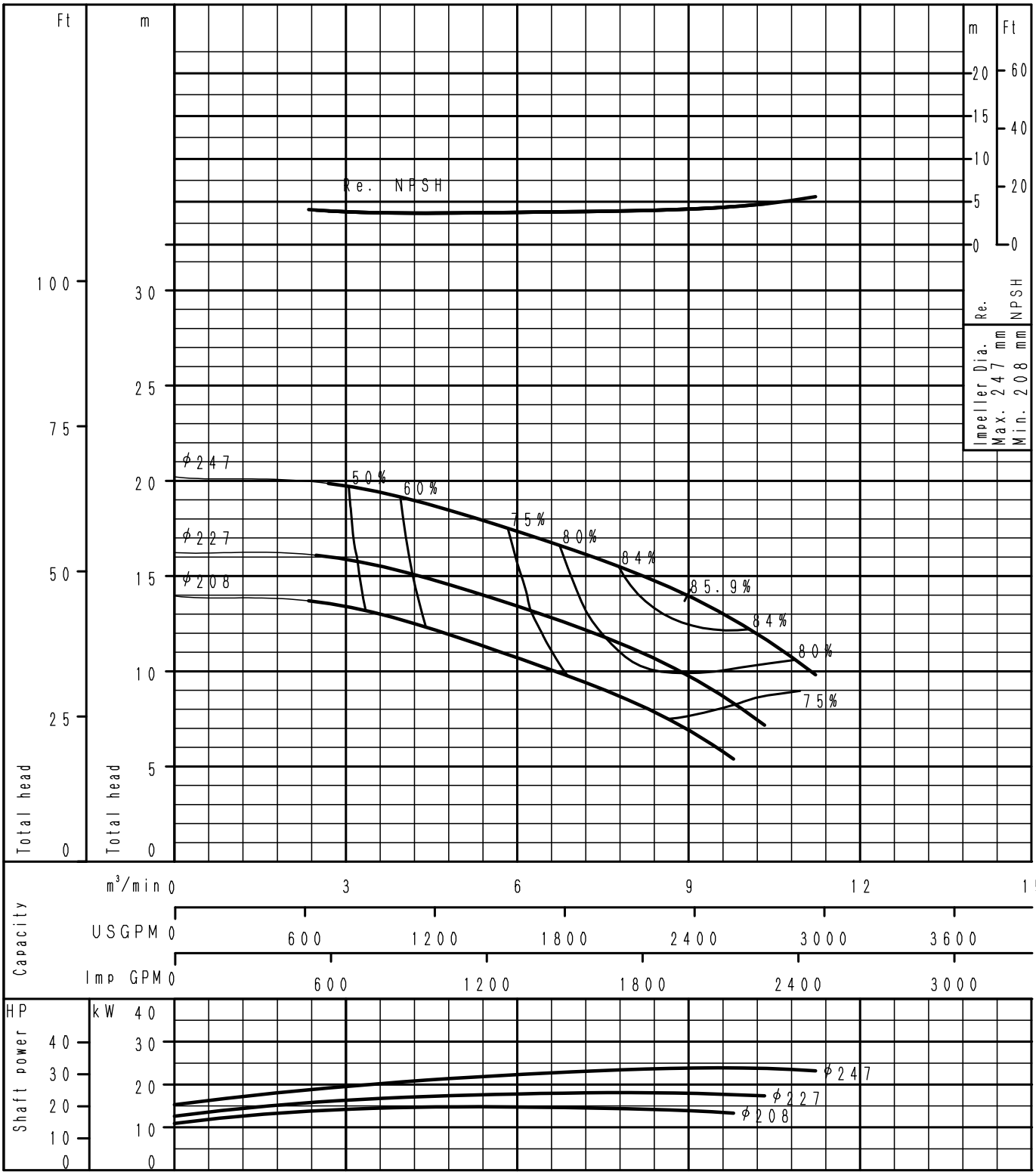
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X250CBFX	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738894-00

EBARA

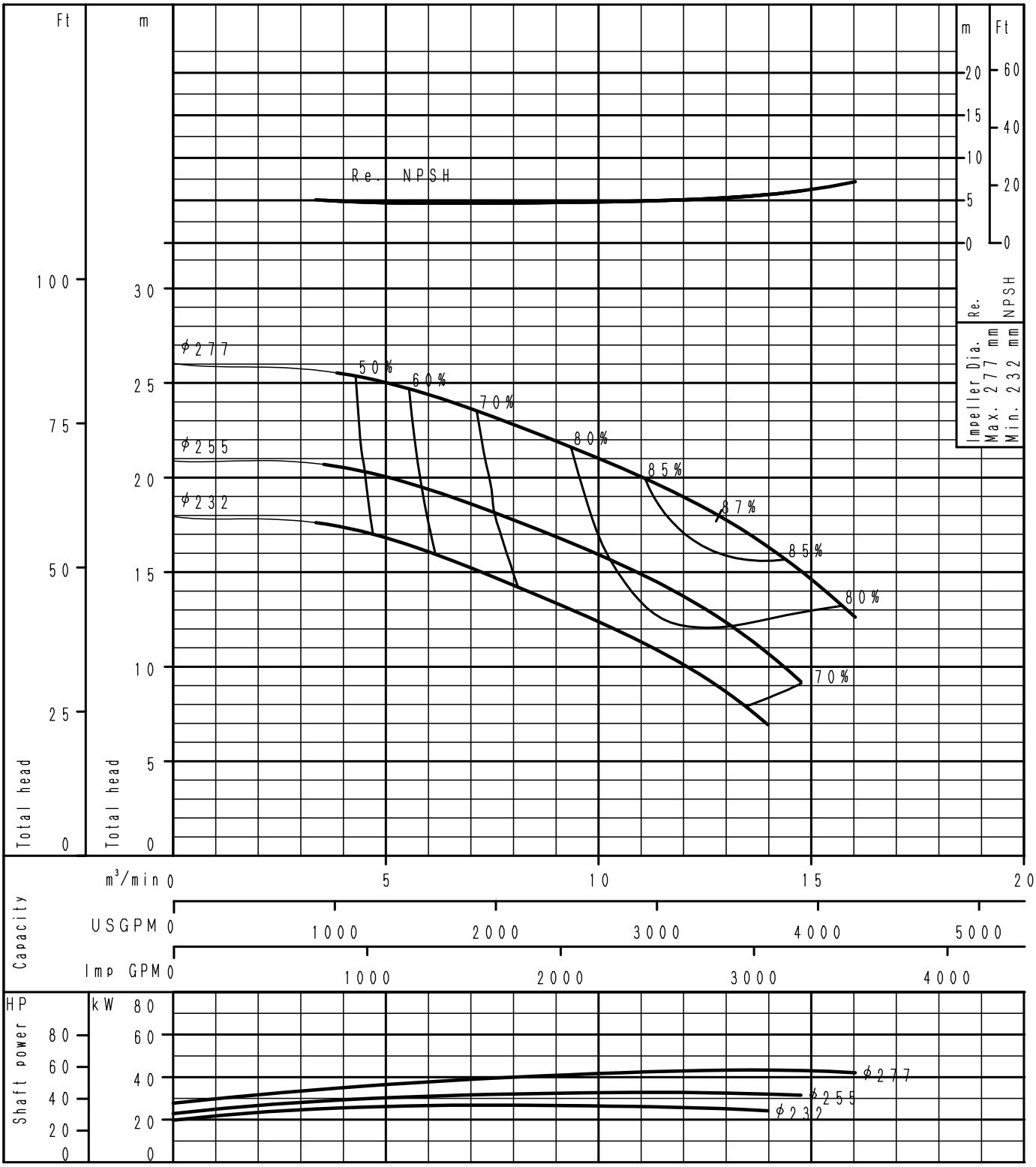
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X250CBFY	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1470 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738895-00

EBARA

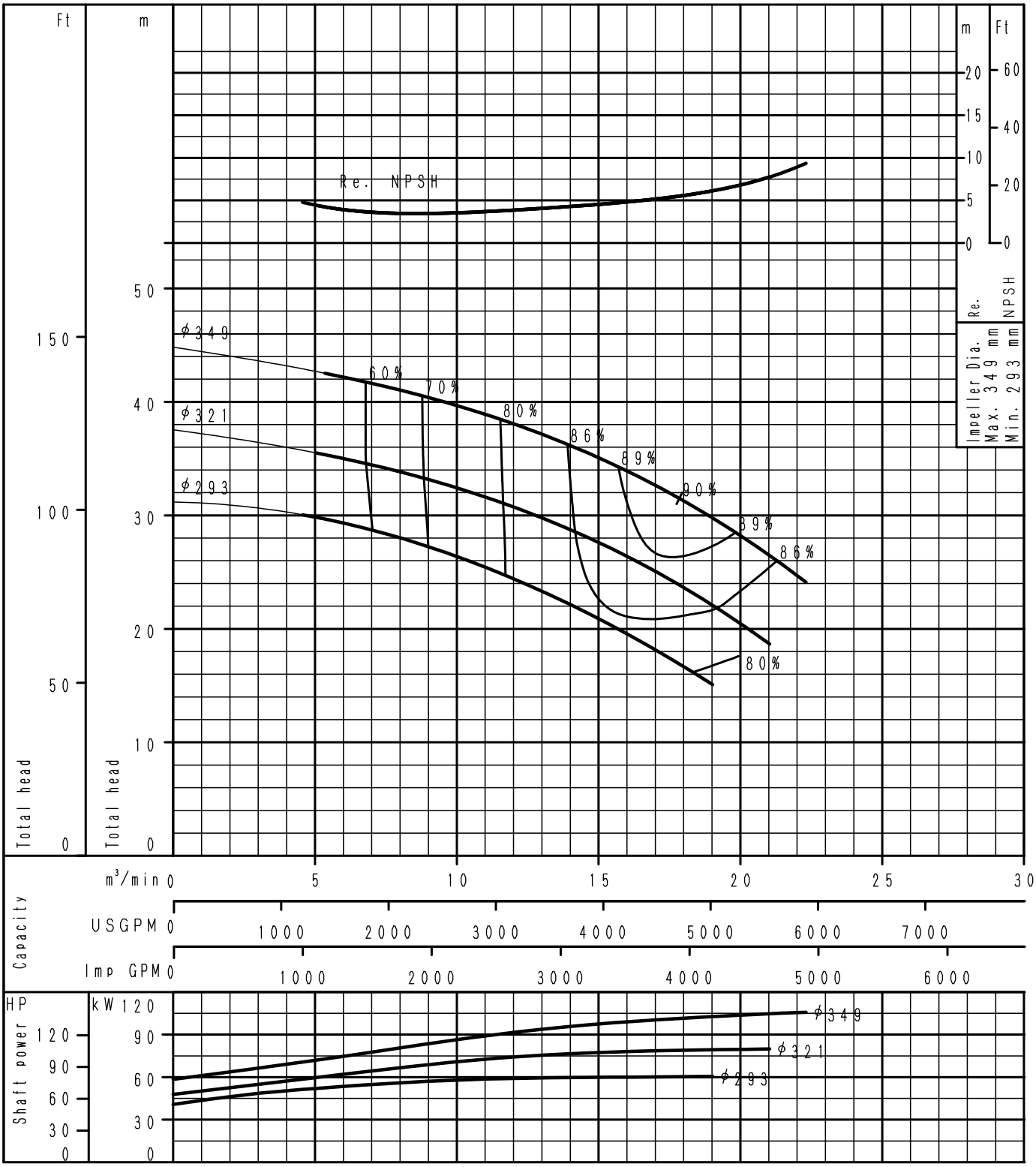
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X250CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1734507-00

EBARA

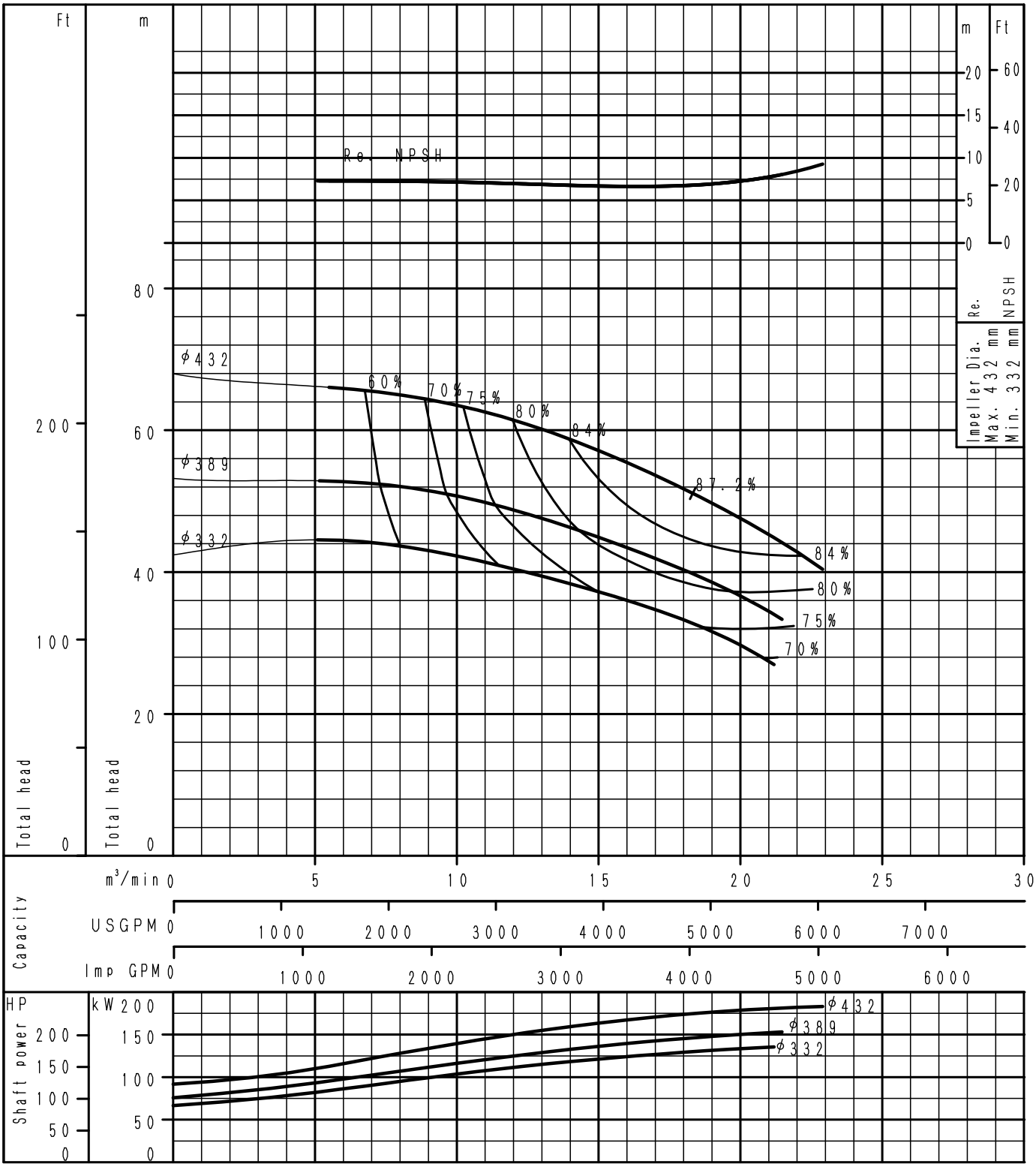
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

300X250CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738879-00

EBARA

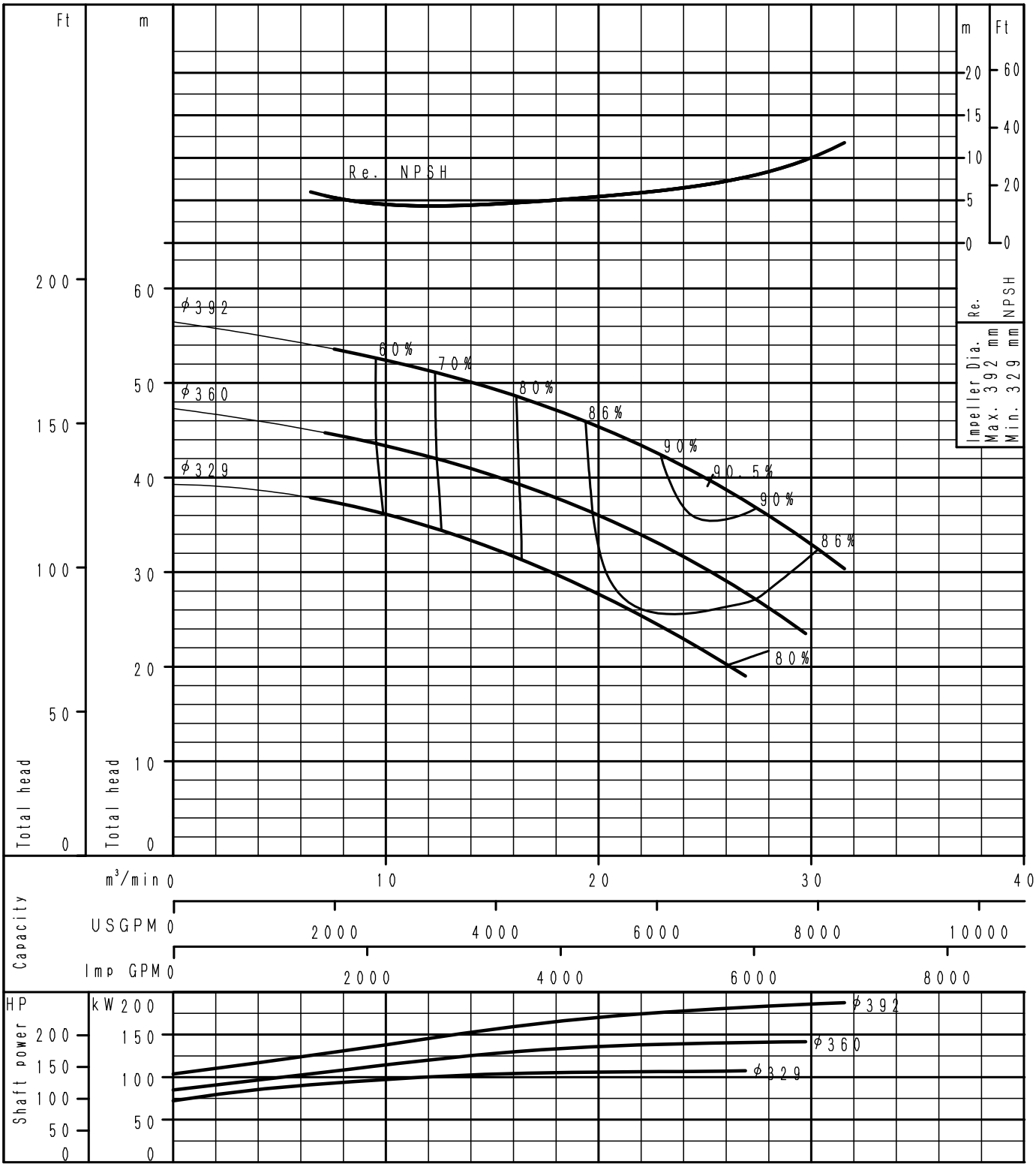
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

350X250CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1734508-00

EBARA

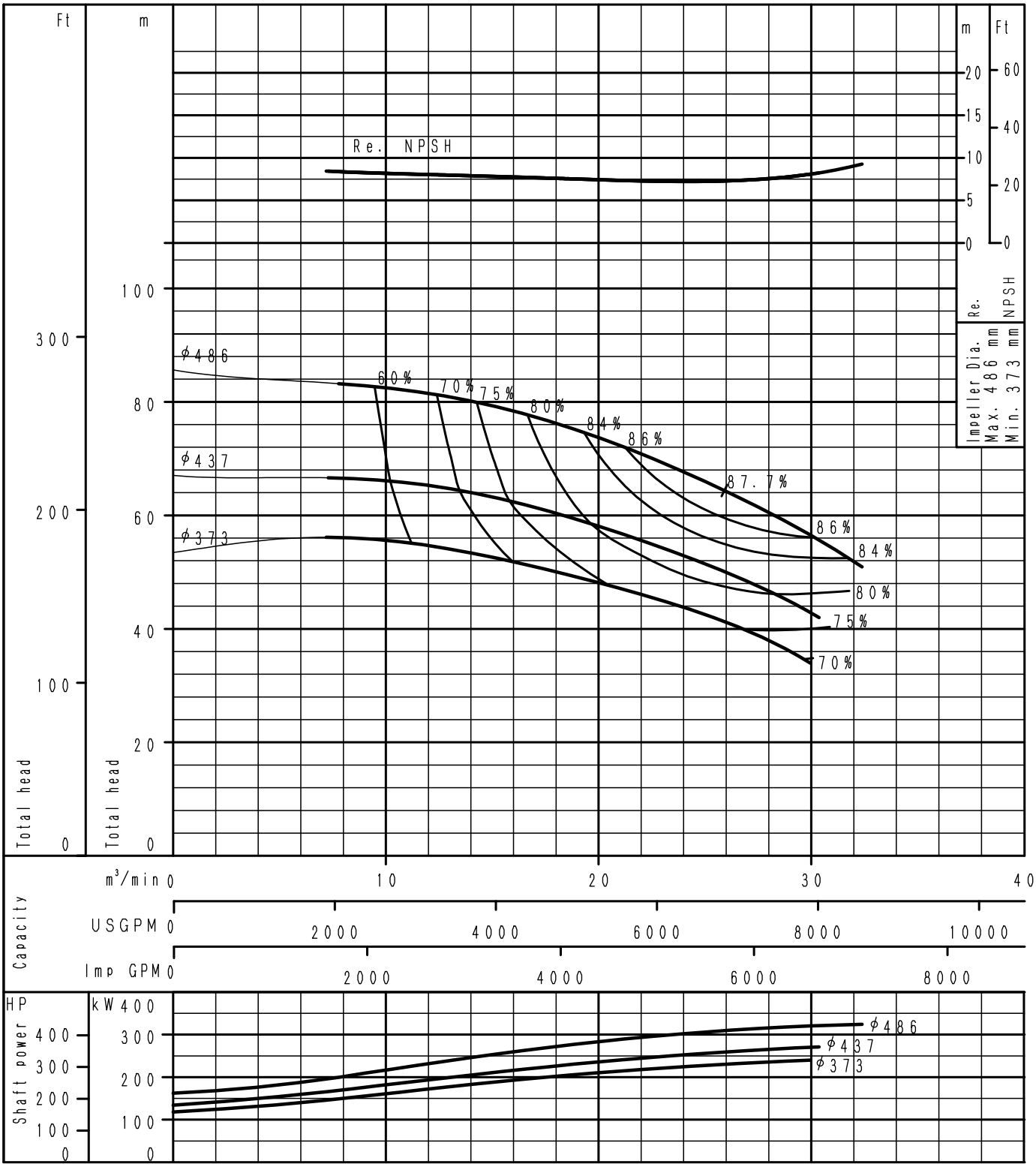
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

350X250CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738880-00

EBARA

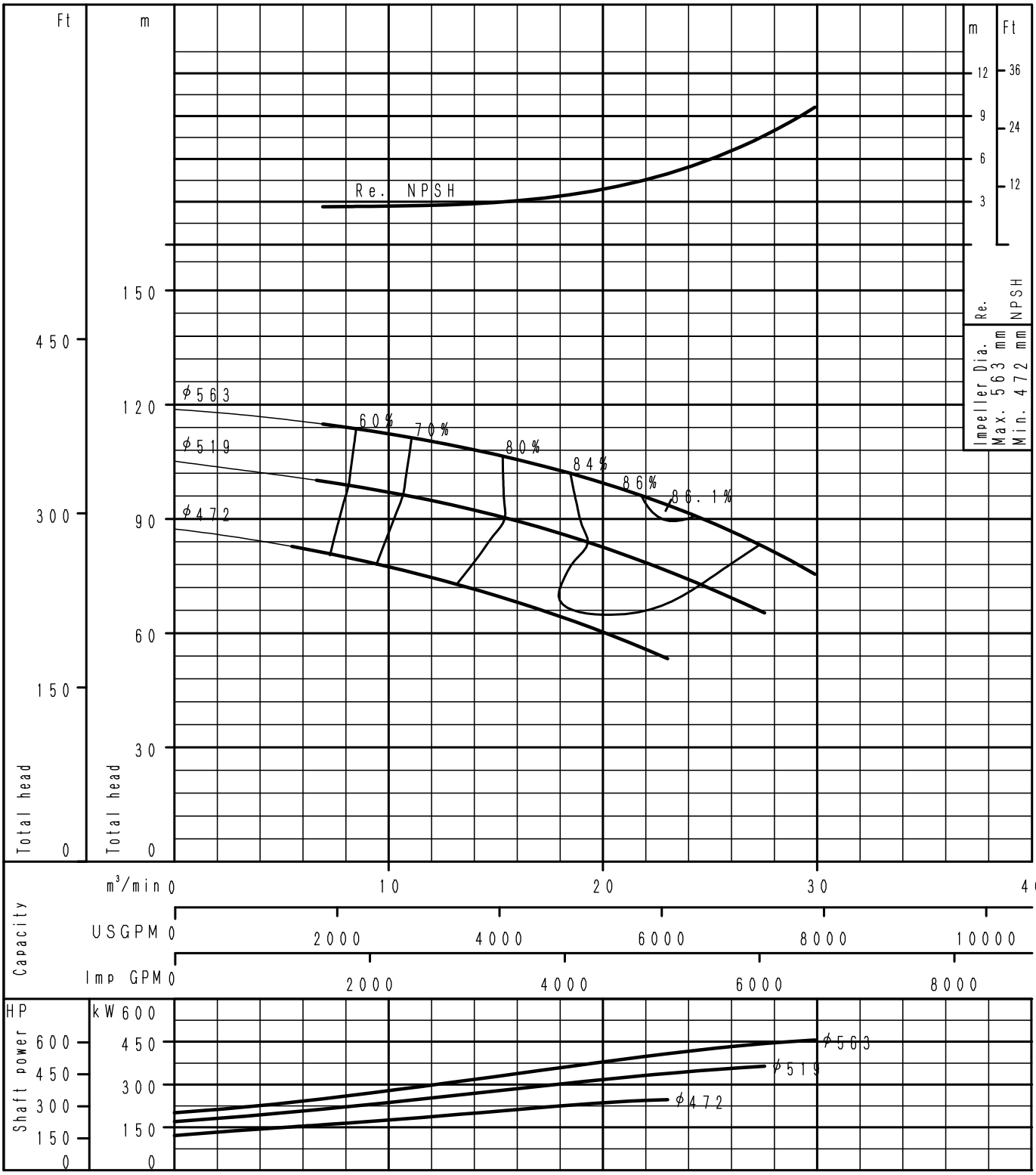
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

350X250CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738871-01

EBARA

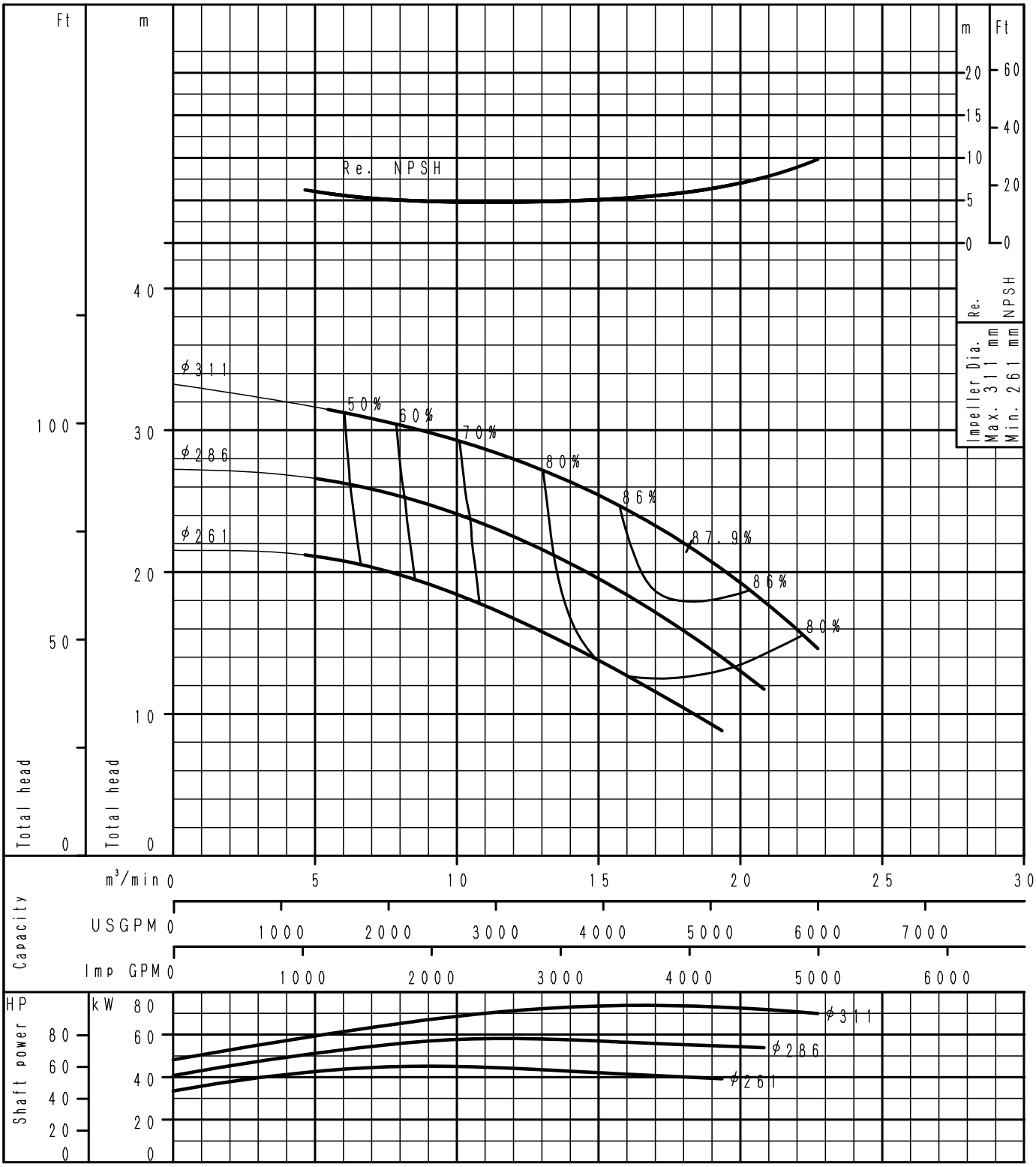
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

350X300CBF	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1734509-00

EBARA

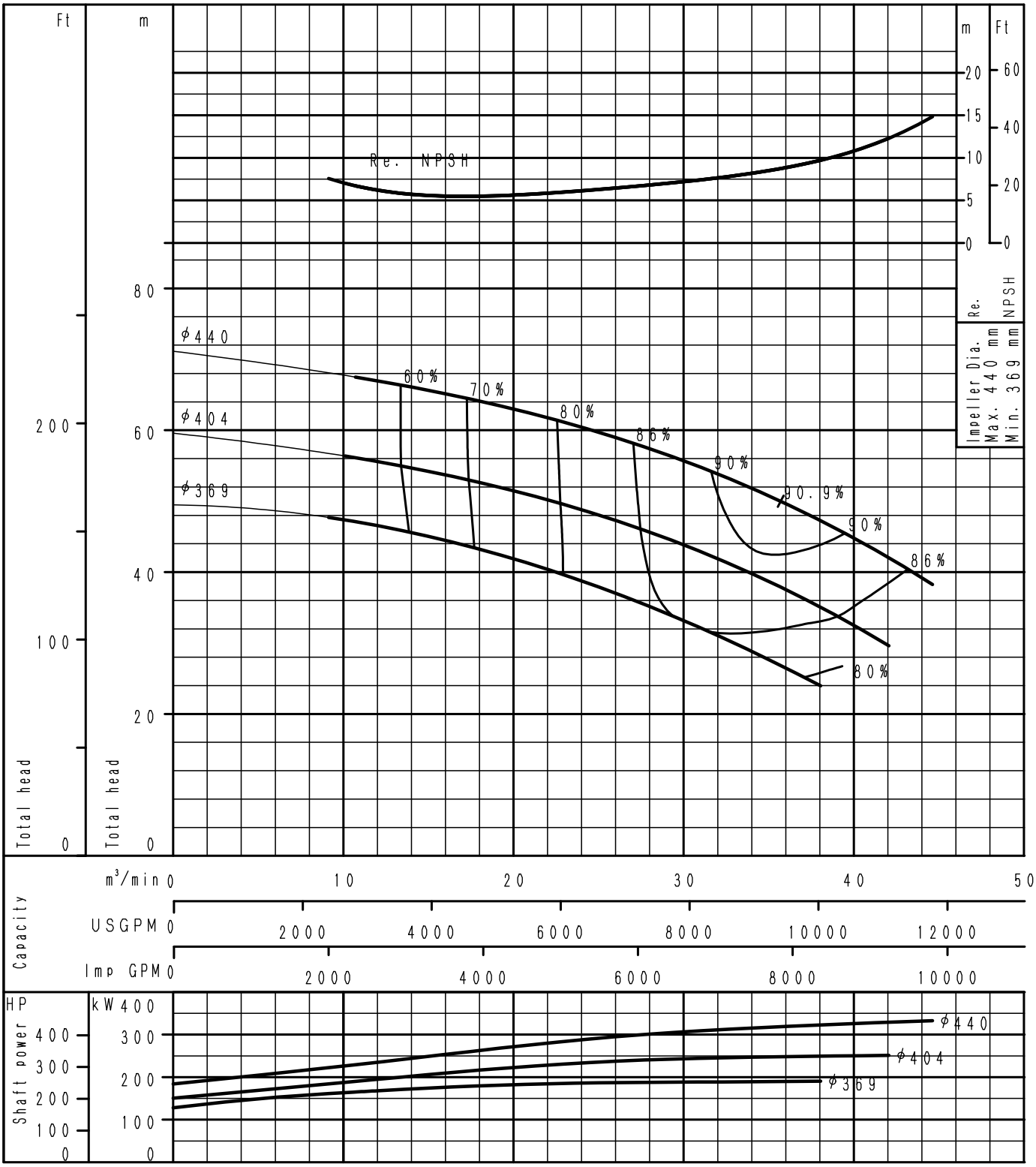
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

400X300CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



S8-1734510-00

EBARA

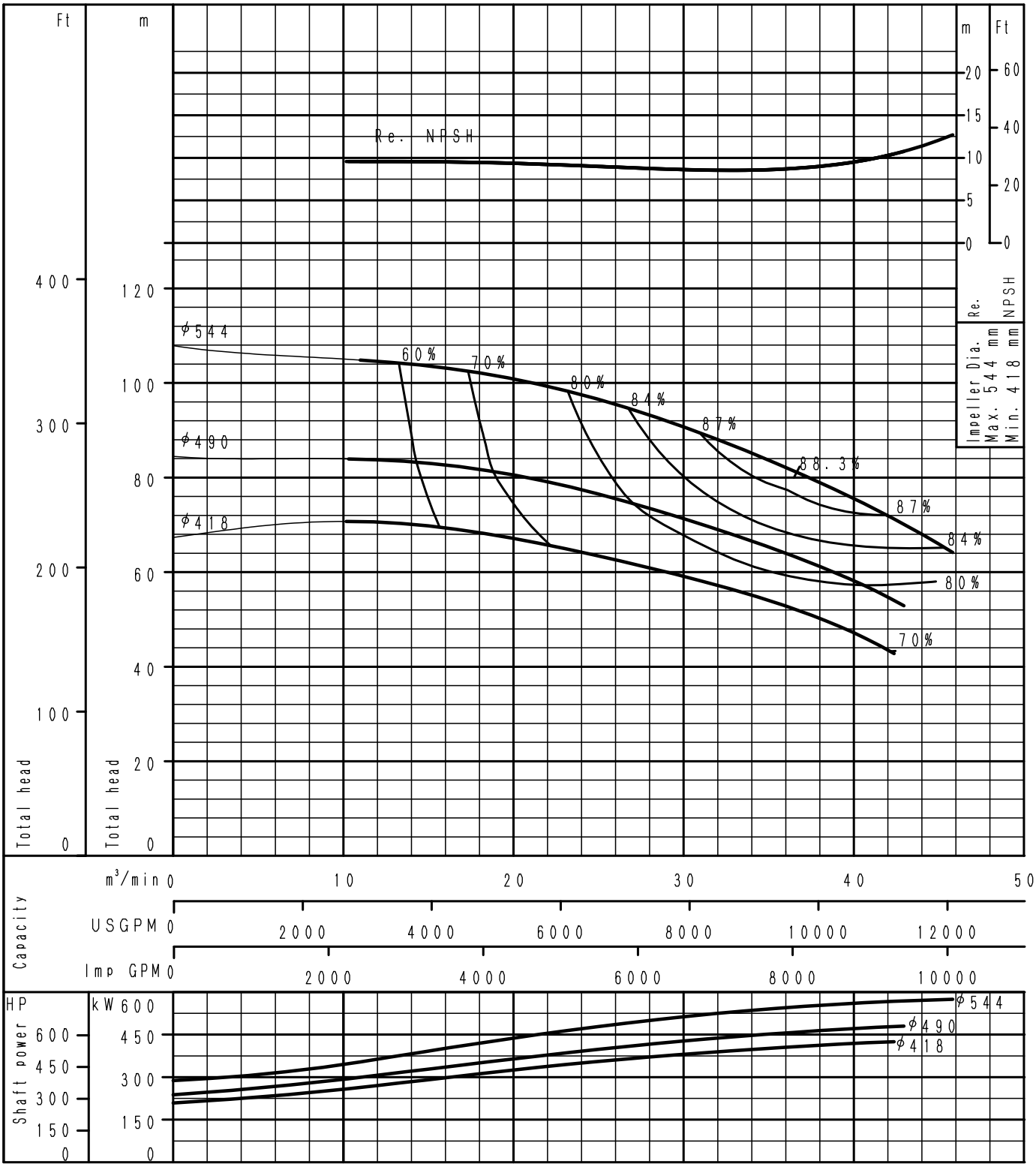
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

400X300CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738881-00

EBARA

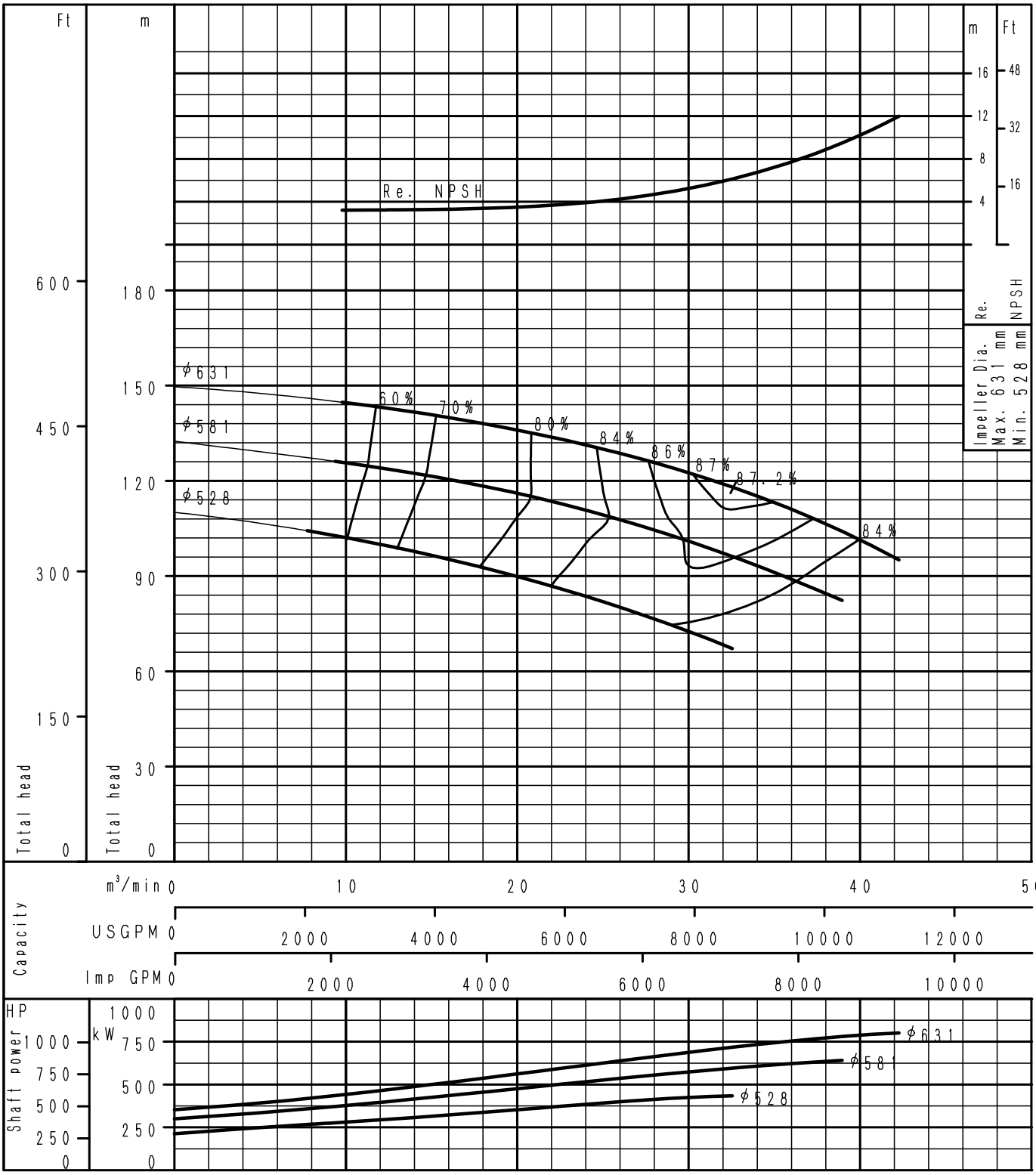
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

400X300CBJX	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1738872-01

EBARA

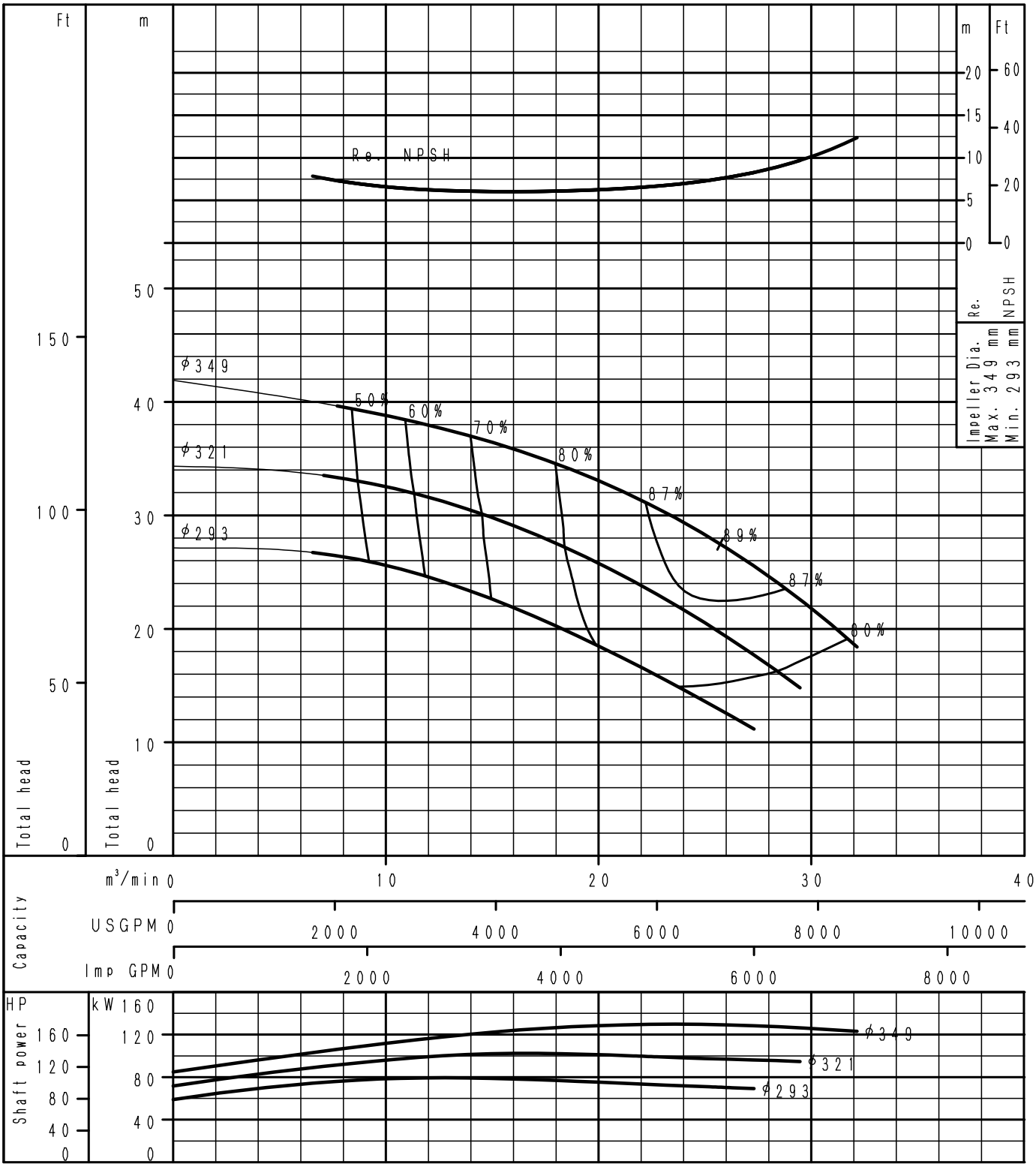
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

400X350CBF	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1734511-00

EBARA

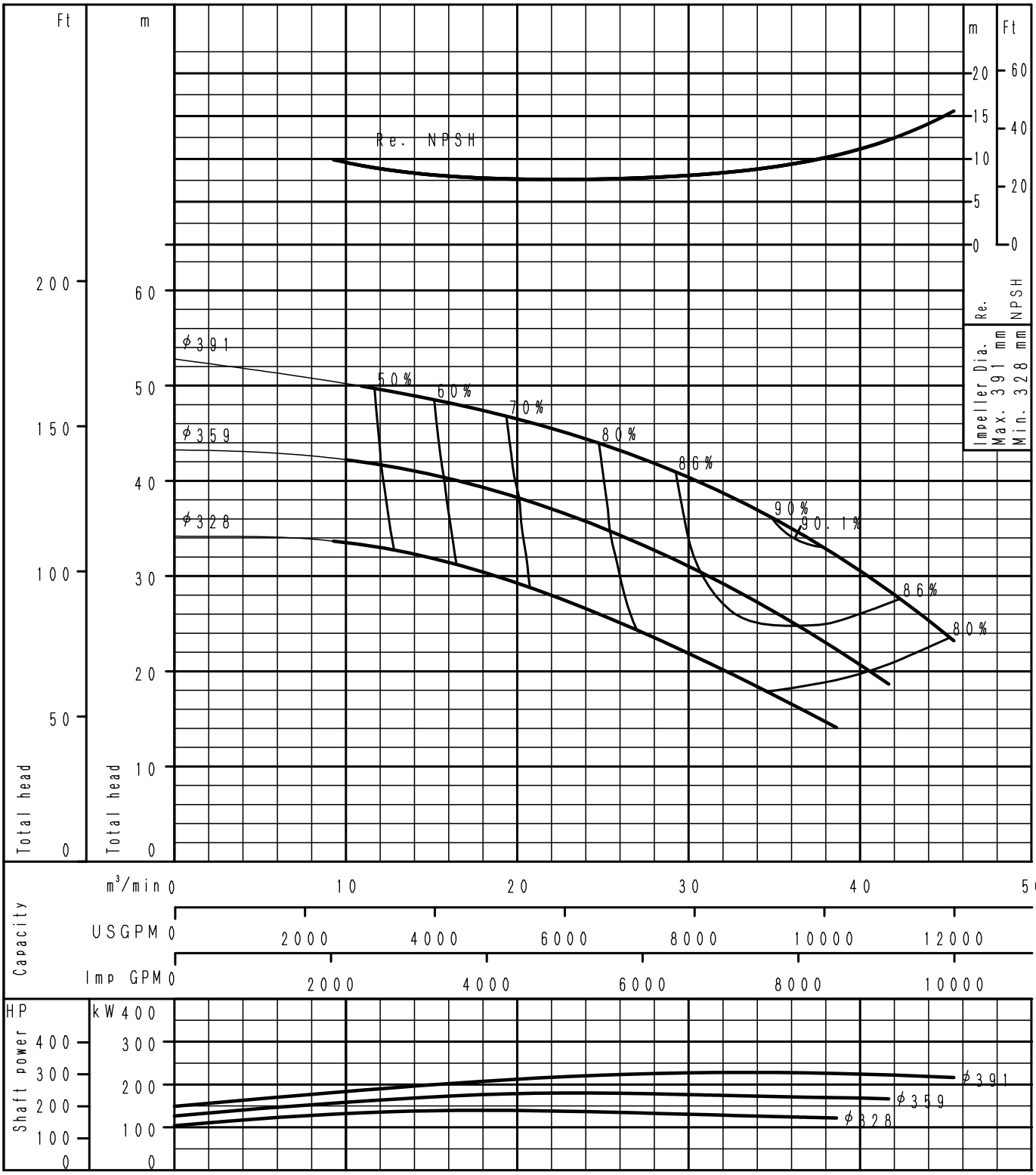
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

4 Poles

400X400CBF	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 1490 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



S8-1734512-00

EBARA

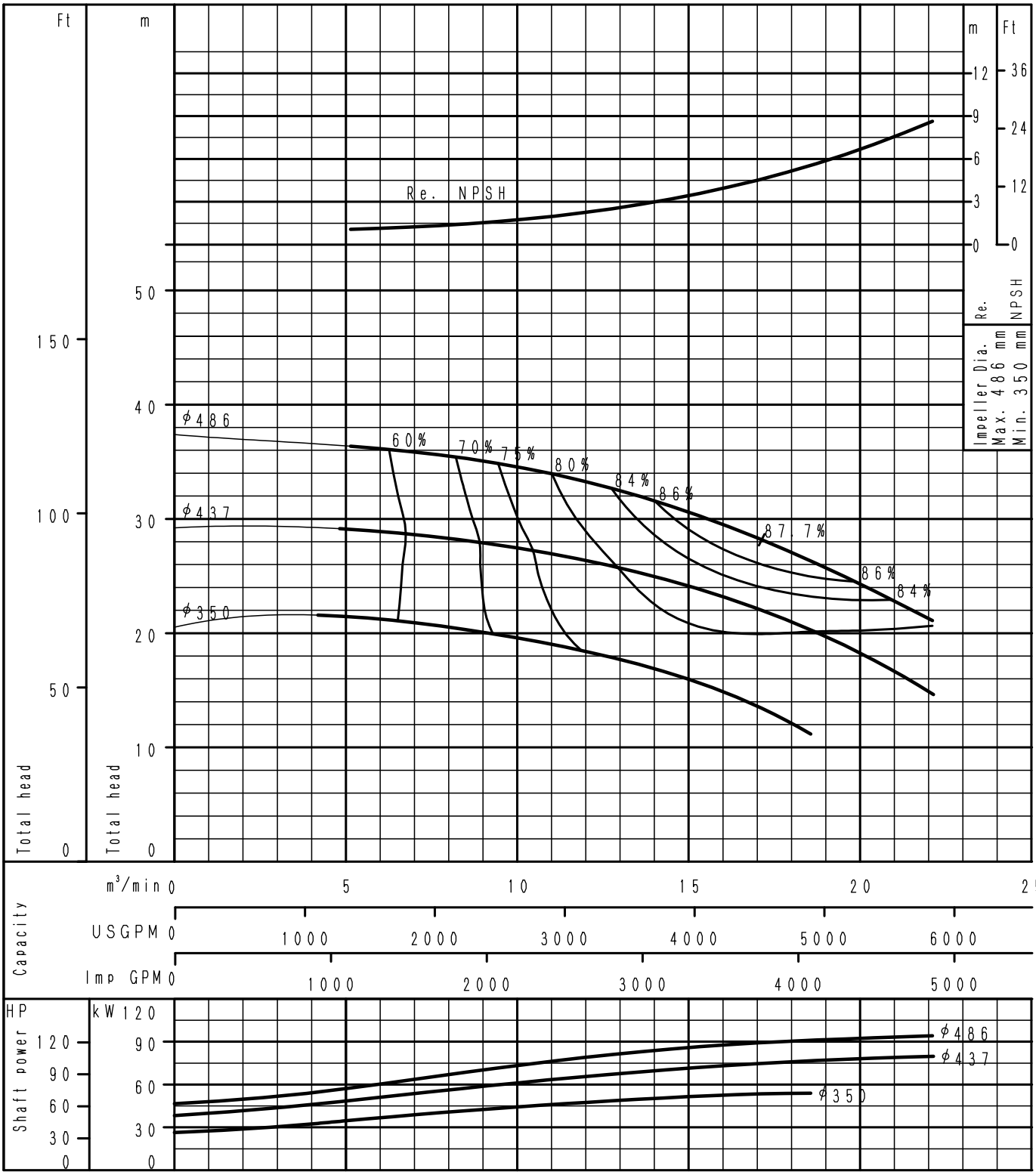
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

350X250CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 985 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932885-00

EBARA

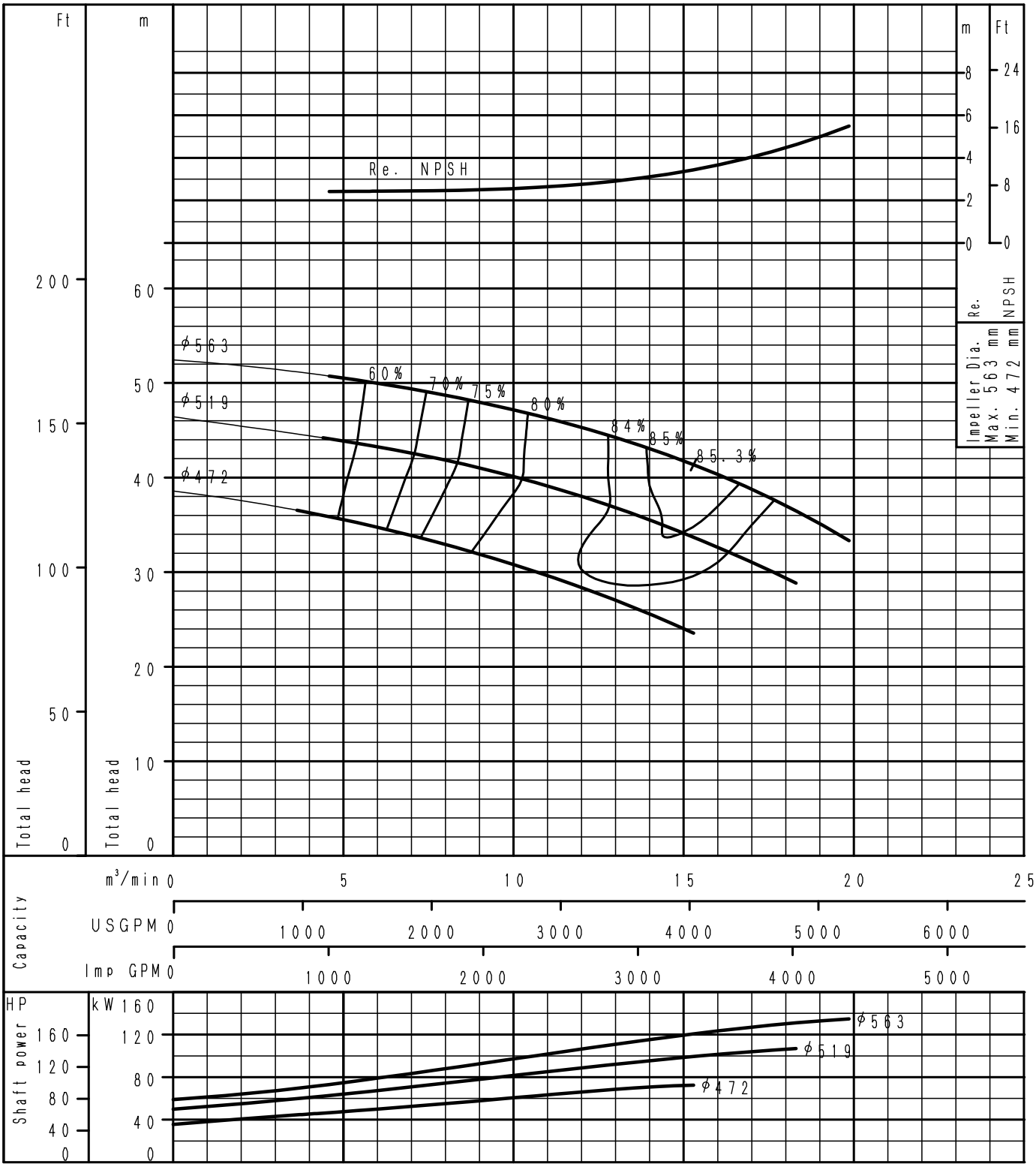
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

350X250CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY=1.0kg/ℓ, VISCOSITY=1.0mPa·s



F8-1932886-00

EBARA

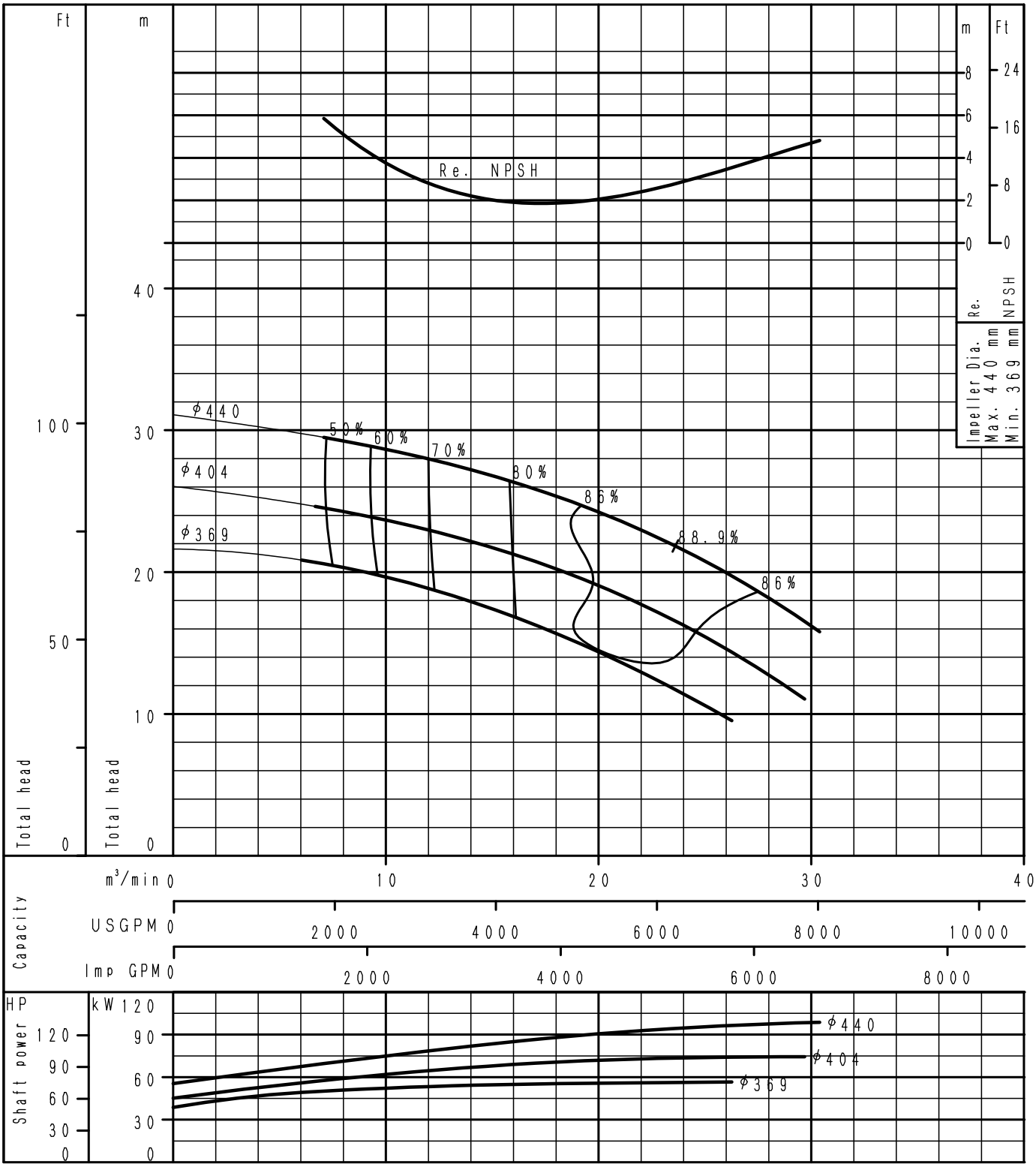
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

400X300CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 985 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932887-00

EBARA

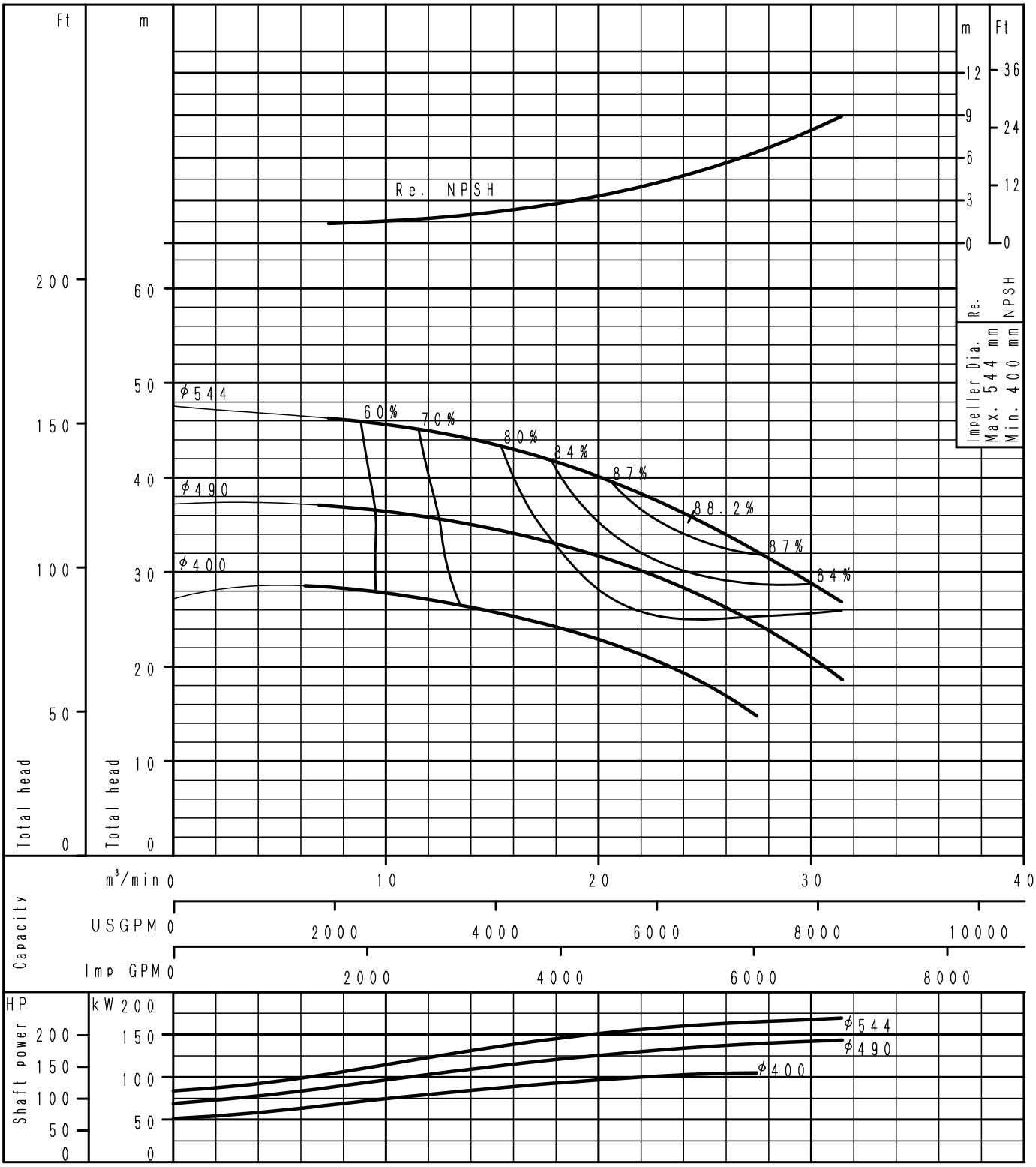
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

400X300CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932888-00

EBARA

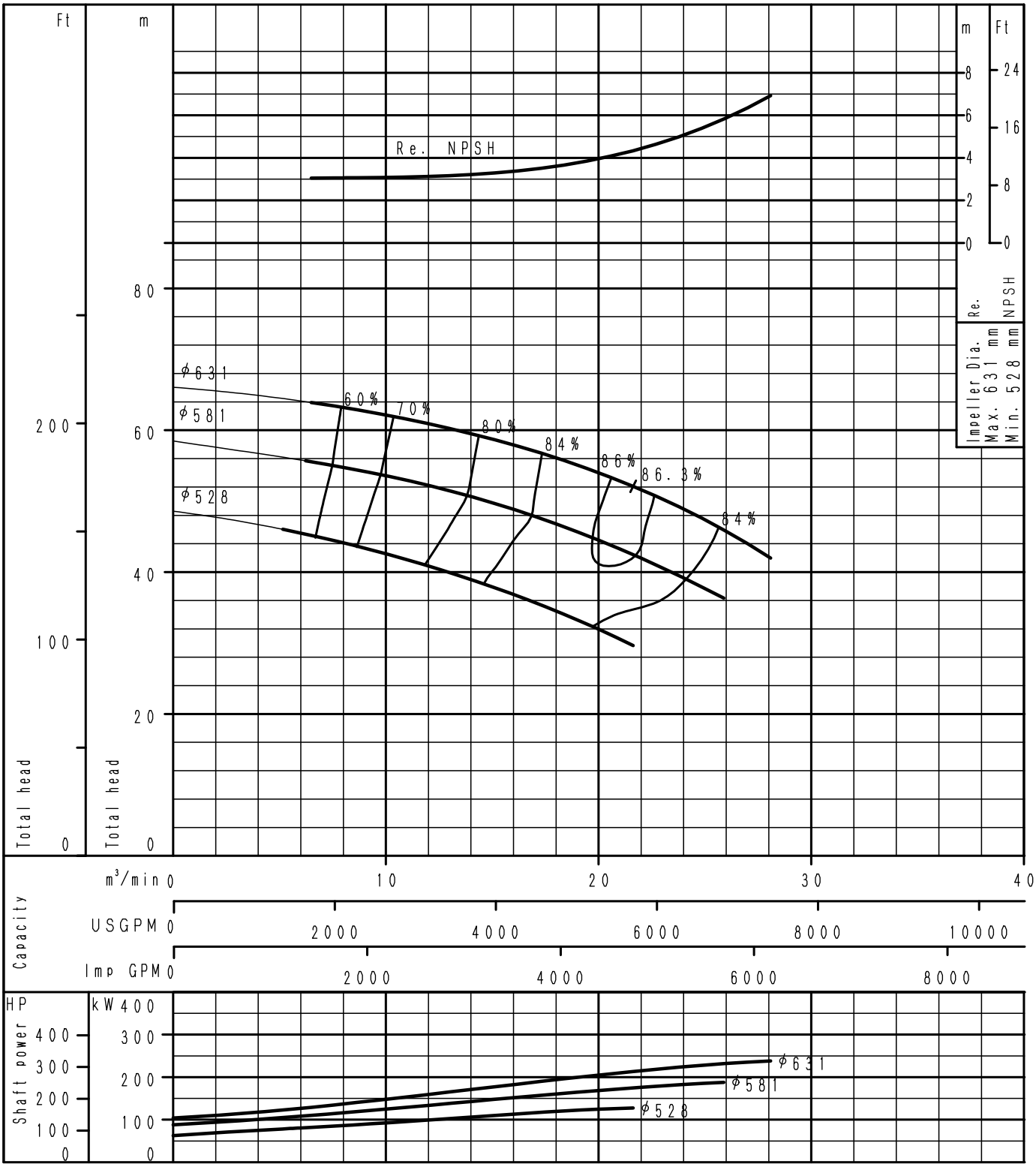
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

400X300CBJX	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932889-00

EBARA

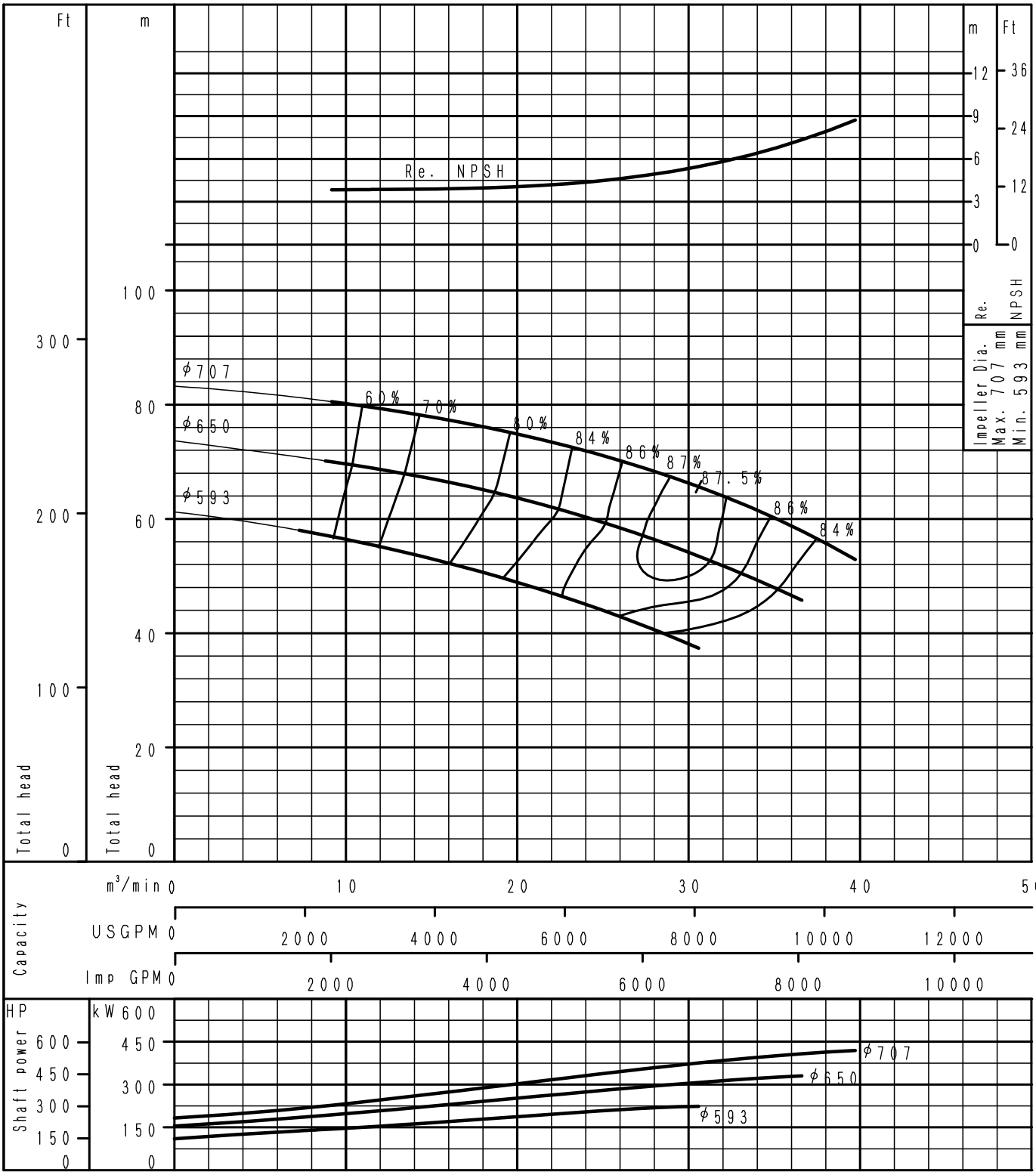
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

400X300CBJY	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932890-00

EBARA

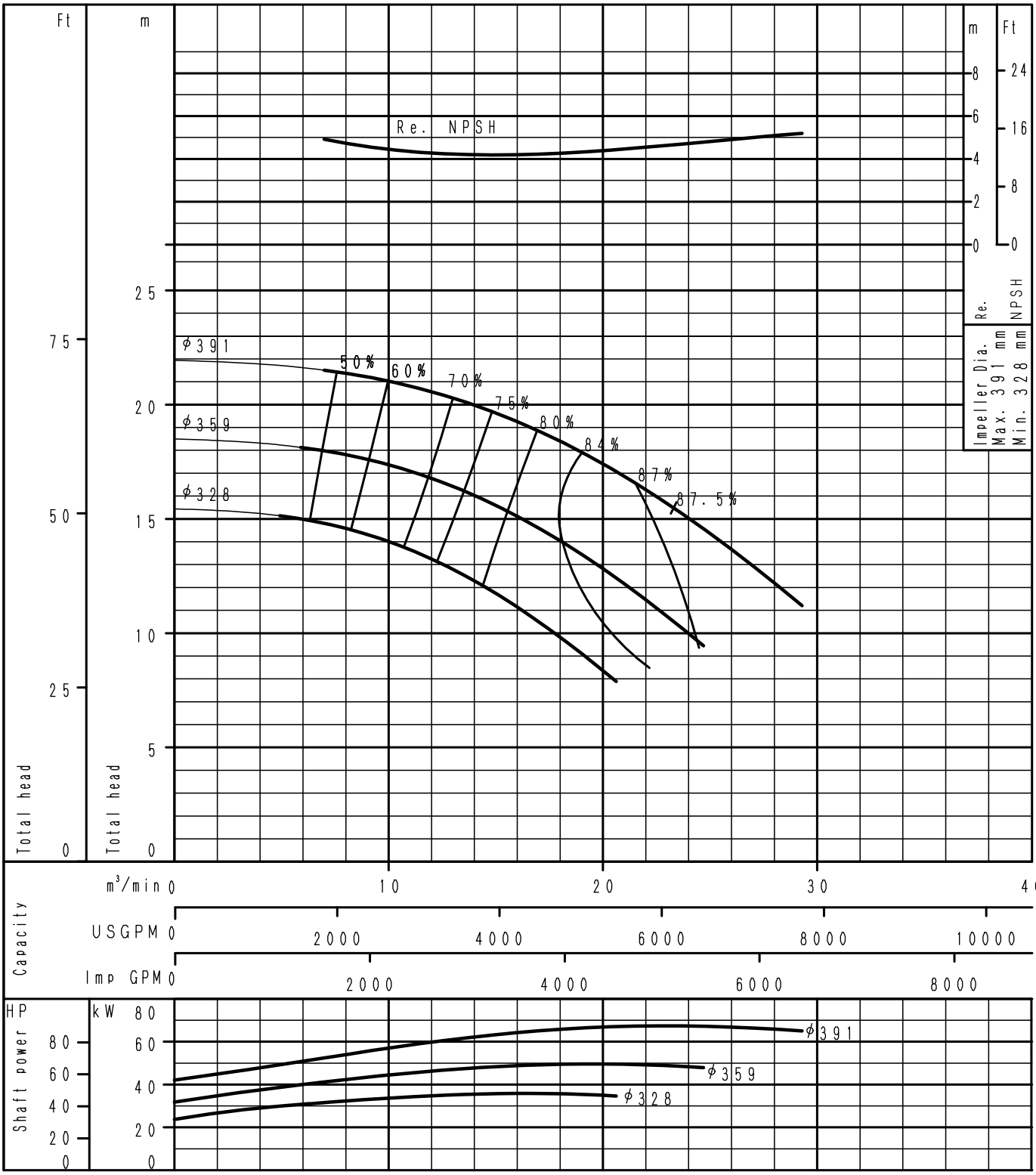
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

400X400CBF	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 985 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932891-00

EBARA

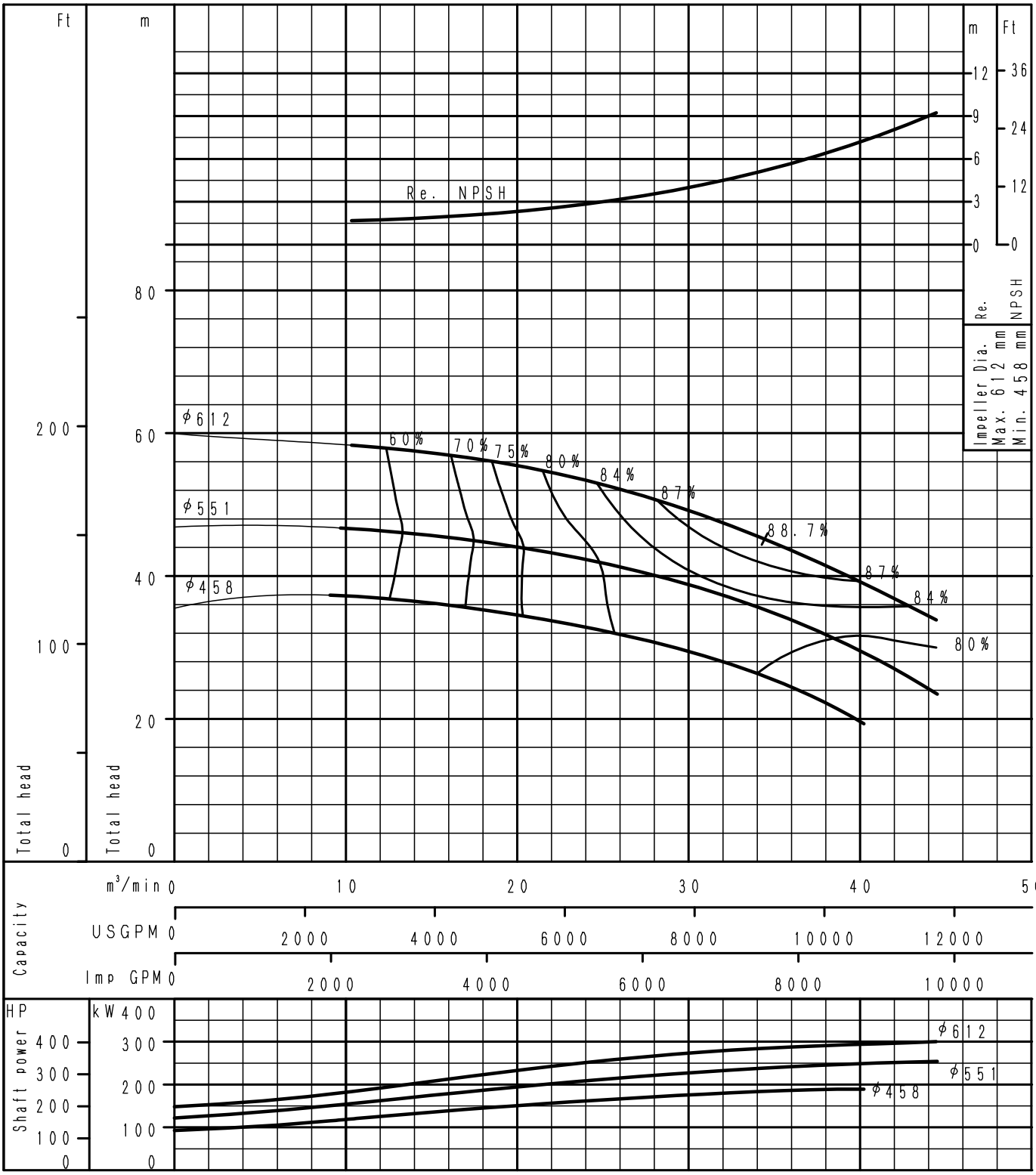
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

450X300CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932892-00

EBARA

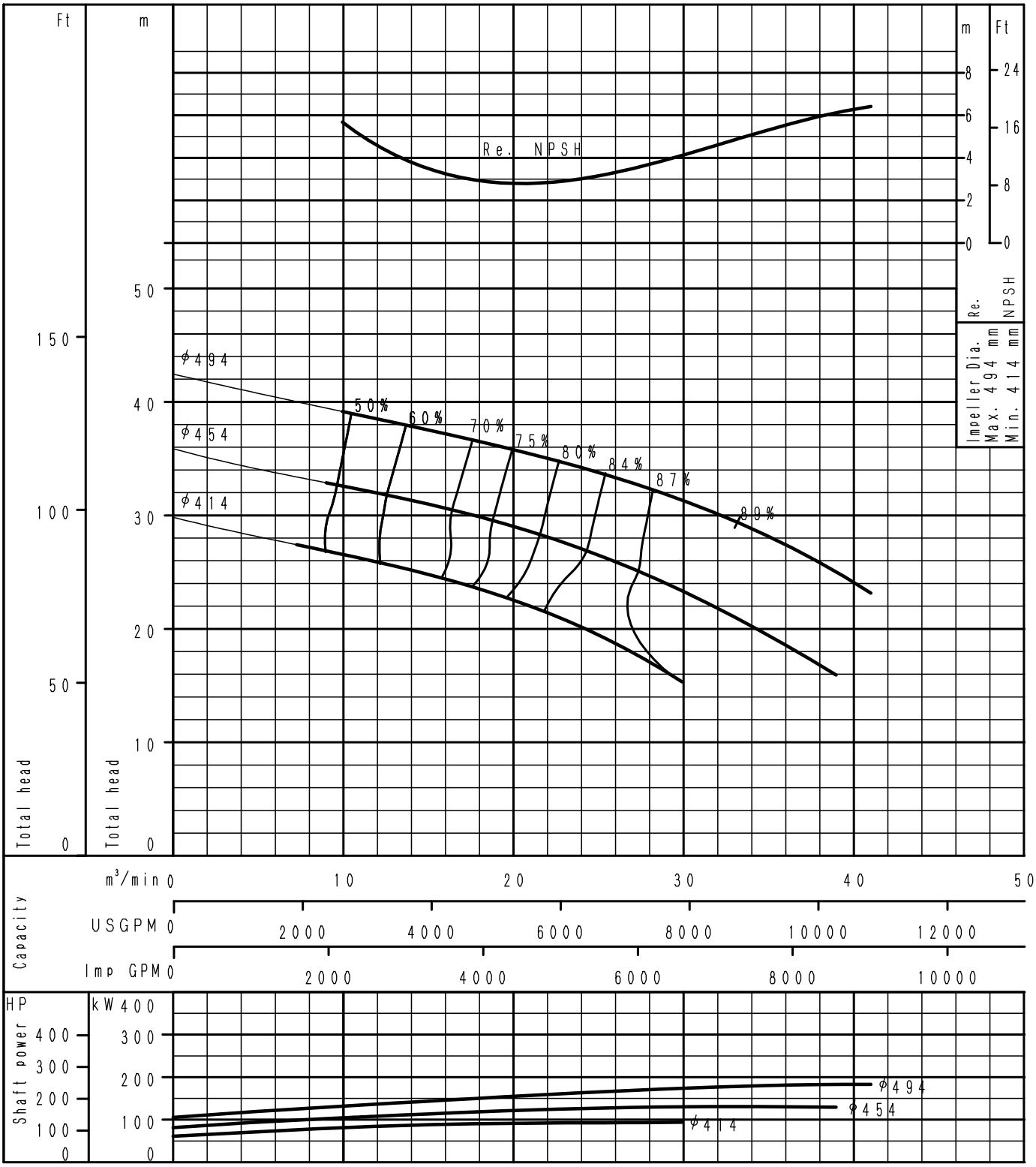
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

450X350CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932893-00

EBARA

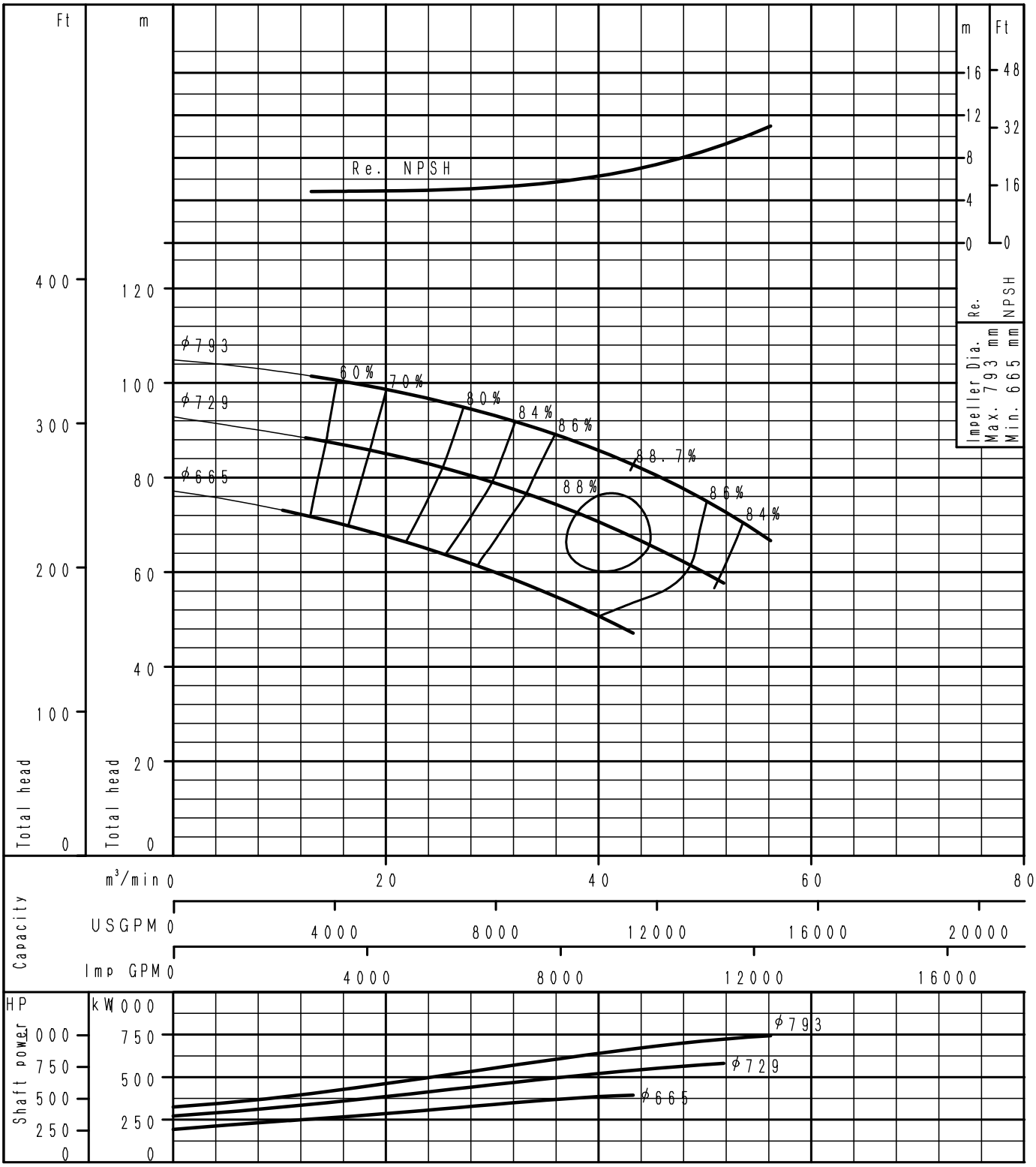
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

450X350CBJ	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932894-00

EBARA

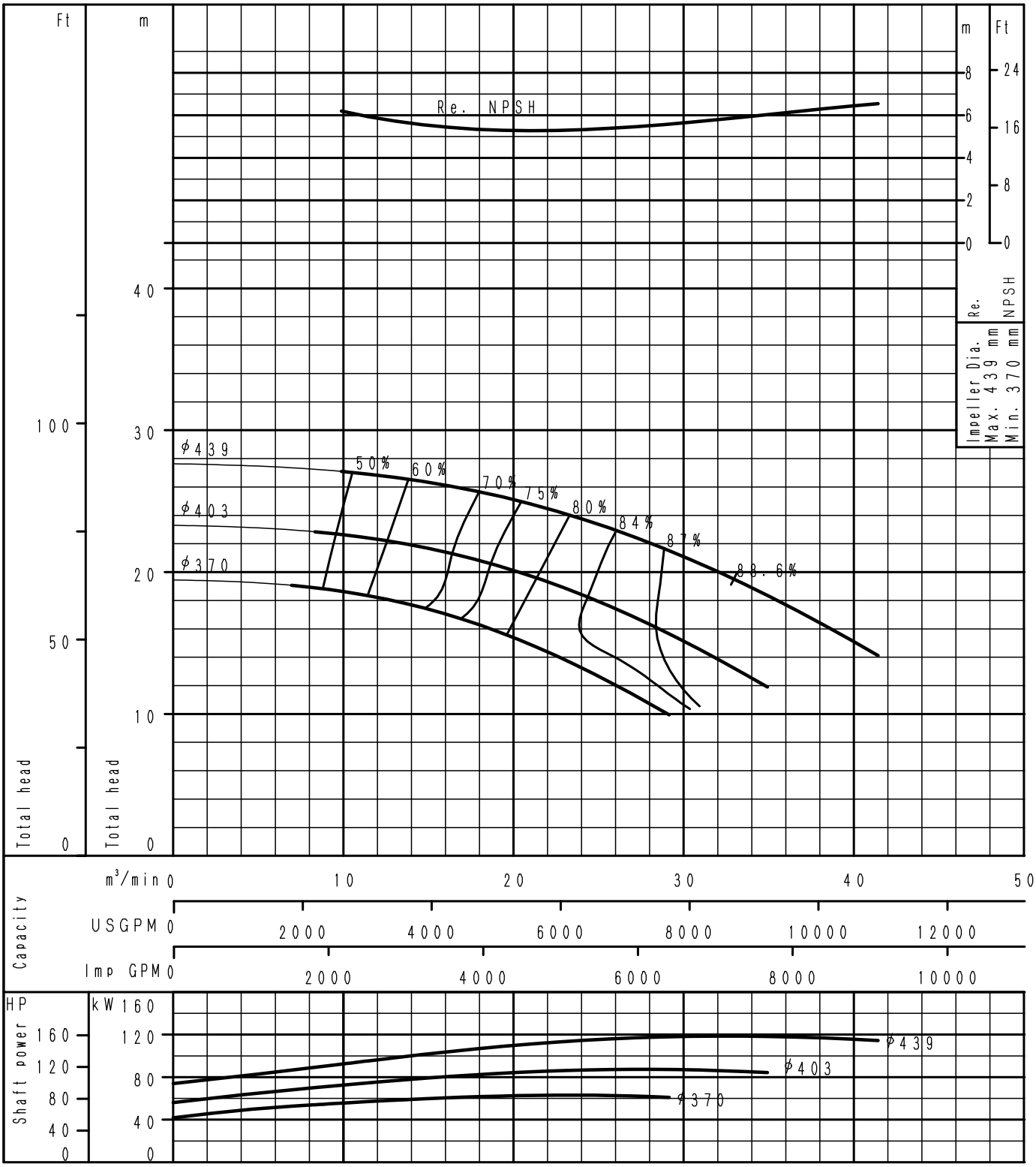
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

450X400CBF	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 985 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932895-00

EBARA

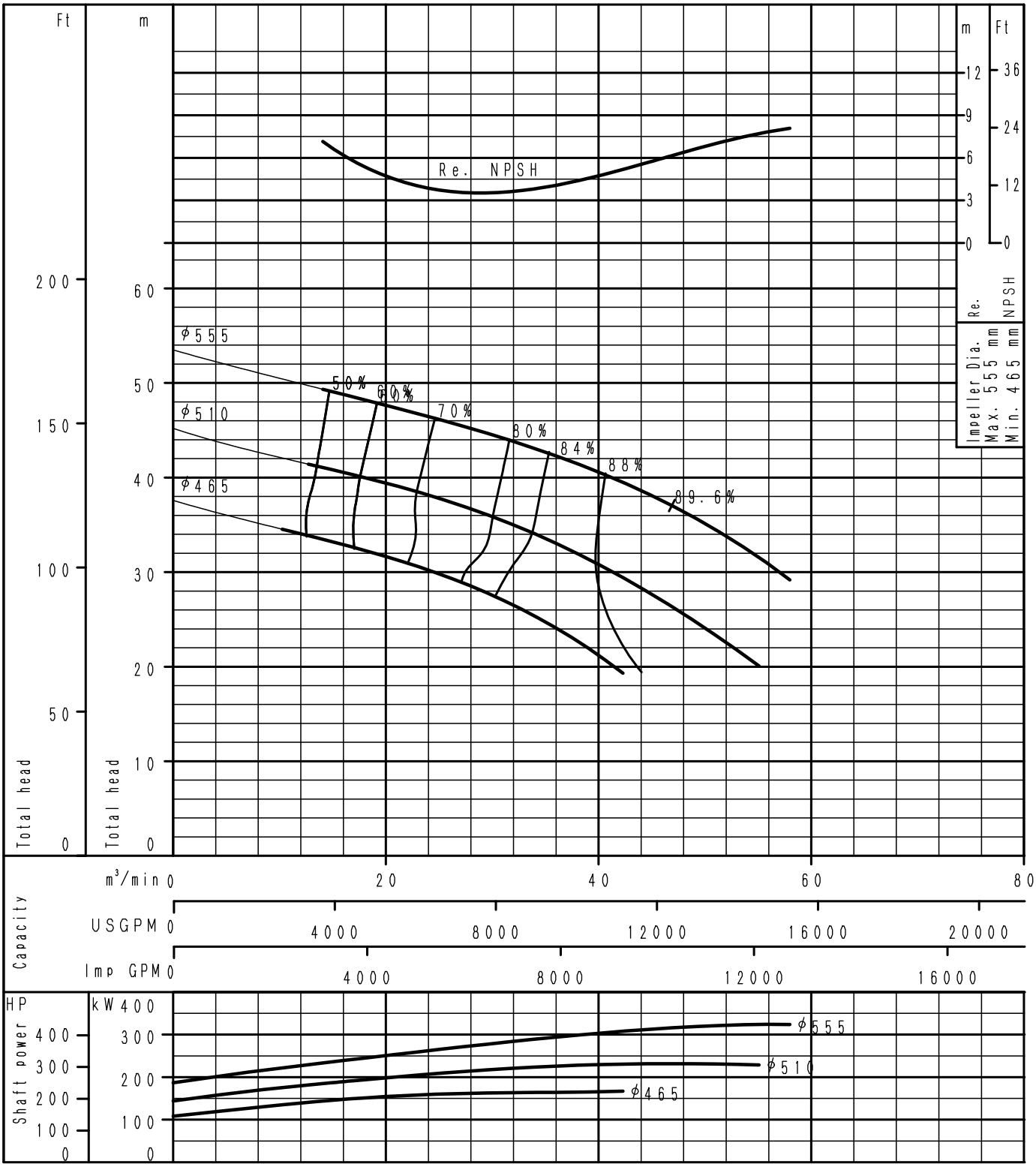
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

500X350CBG	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932896-00

EBARA

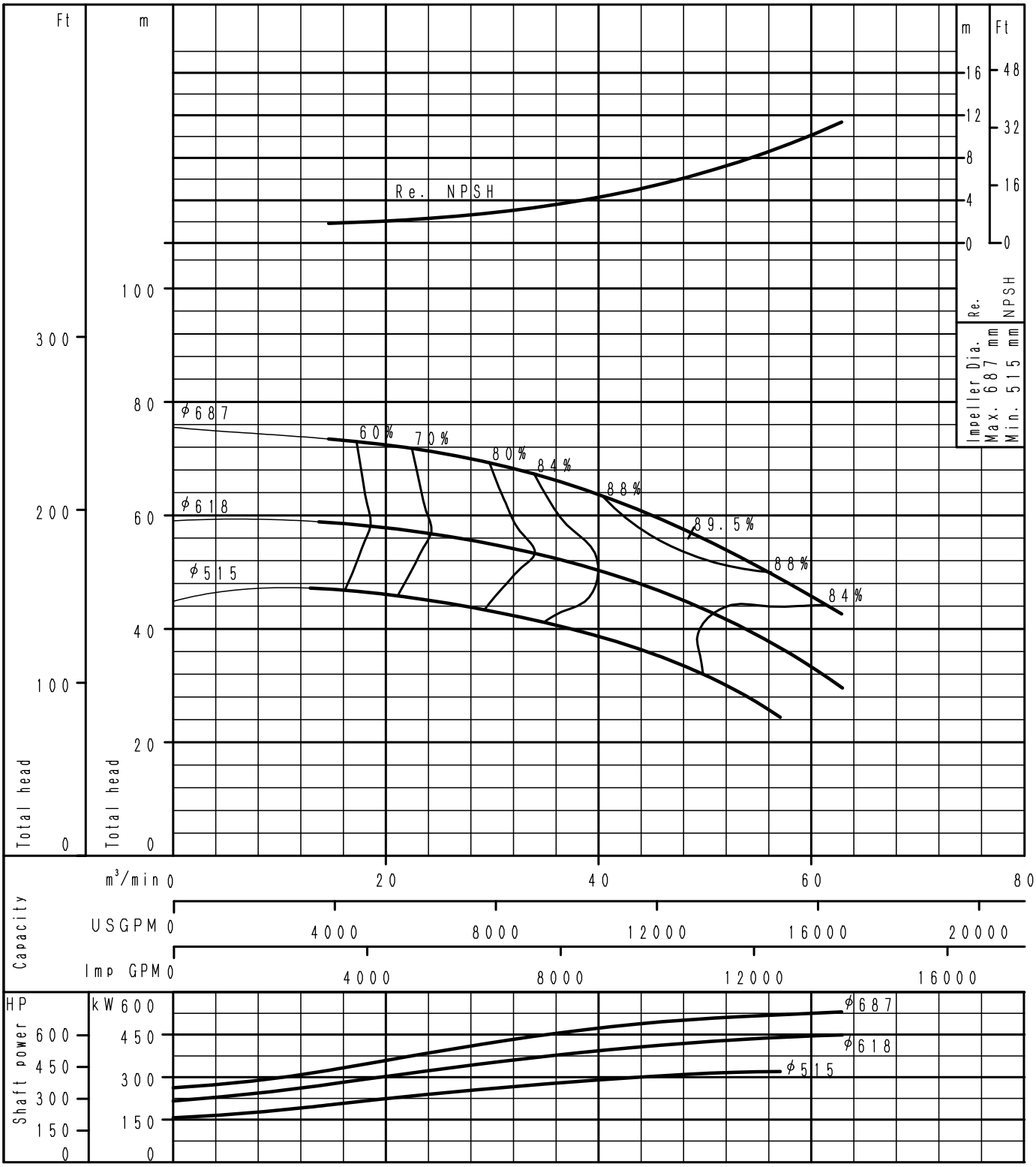
Ebara Horizontal Split Casing Pump

Model CB

Performance Curve

6 Poles

500X350CBH	According to ISO testing code 9906 Grade 2B Class 2
50 Hz (Speed 990 min^{-1})	DENSITY= 1.0 kg/ℓ, VISCOSITY= 1.0 mPa·s



F8-1932897-00

EBARA