SERIES

INI

IMBIL®
Pumping Solutions

INTRODUCTION

In this catalogue the entire range of pump models from the series INI/INI-bloc produced by our company are described.
It contains technical information about construction, and characteristic curves from each model.
Imbil and its DISTRIBUTORS will always be at your disposal to supply for additional information and to offer technical assistance.

NOTES

- We reserve the right to perform modifications in our products whenever necessary and this shall not incur in obligations of any type.
- The illustrations contained in this catalogue are indicative and in case there are any questions about their interpretation you must consult the IMBIL DISTRIBUTOR.

APLICATION INI

Pumping of liquids in wastwater, irrigation, chemical and petrochemical industries, sugarmills, distilleries paper and pulp industries, raw sewage, sugar bagasse, circulation of thermal oil, condensed liquids etc.

CONSTRUCTION

Constructed dimensionally according to the norms **DIN 24 256/ ISO 2858,** and mechanically according to the norm **ANSI B73.1.**

Horizontal shaft pumps, single stage, horizontal suction and vertical discharge, with **"BACK PULL-OUT"** construction, allowing the disassembly from the back for eventual maintenance and repair, without affecting the alignment and fixation of the piping.

Spiral housing, casted in one single piece, with the fixation supports incorporated.

The sealing between the impeller and the housing is made by a replaceable wear ring, facilitating the pump maintenance.

The Shaft Sealing is ensured by a gasket in the standard execution, or optionally by a mechanical seal.

The **Shaft** has a protective bushing in the stuffing box packing region, without contact with the pumped liquid.

The **Impeller** is closed, single flow radial and has **axial thrust balance** through the relief holes, except in the models 32-125 and 32-160.

Depending on the temperature of the pumped liquid, the pumps may be supplied with a cooling chamber.

APLICATION INI-BLOC

The pumps INI-Bloc are indicated for the pumping of clean or cloudy liquids and can be used in building and air conditioning facilities, in cooling services, in the condensed liquids circulation, irrigation, farming, public services, industrial water supply etc.

CONSTRUCTION TECHNIQUES

Horizontal shaft pumps, single stage, horizontal suction and vertical discharge, with "BACK PULL-OUT" construction, allowing the disassembly from the back for eventual maintenance and repair, without affecting the alignment and fixation of the piping.

Housing
Volute, caste in one single piece, with the fixation supports incorporated. The discharge and suction are flanged (ANSI B16.1 FF/ B16.5 RF/EN 1092-2).
Note: some models can be supplied with threaded suction and discharge.

Impeller
The impeller is closed, single flow radial. The axial thrust balance is made through relief holes. The impeller is and keyed directly on the engine.

Pressure cover / Junction part
All the pump sizes use the Pressure cover and some also use the Junction Part.
These parts have the function of coupling the Housing to the Engine flange, allowing a perfect alignment between them.

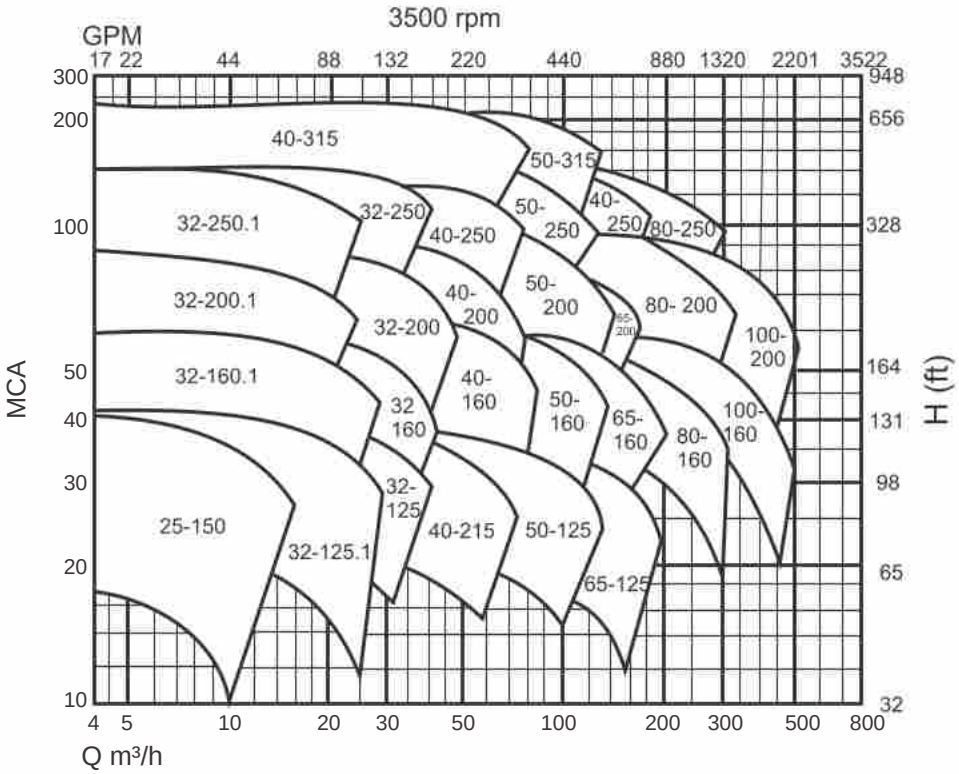
Sealing
Through Mechanical Seal, TYPE 21

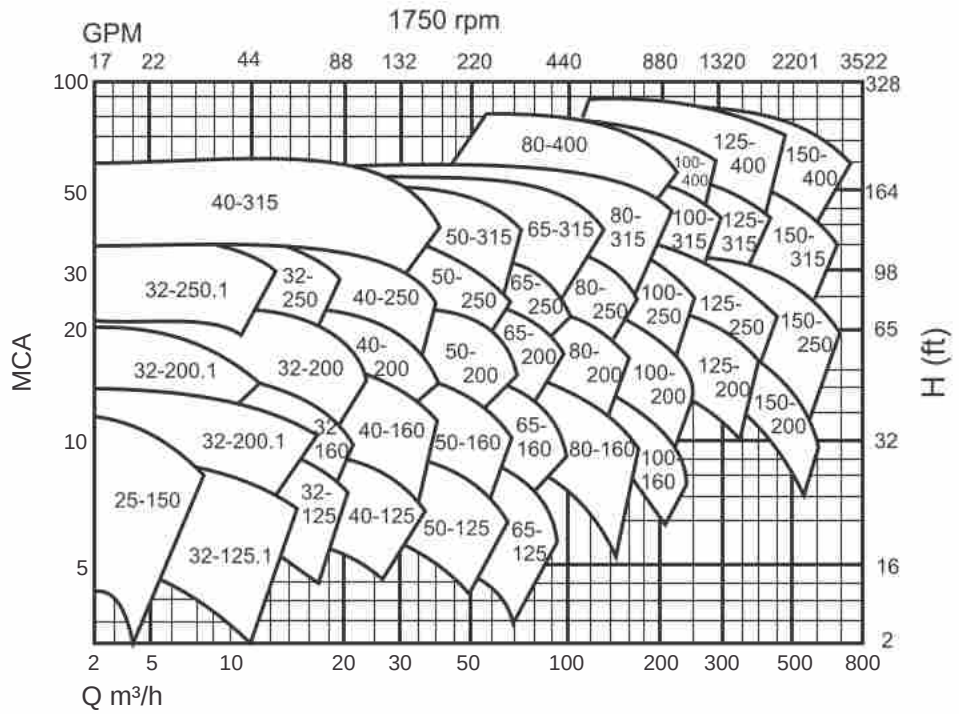
Protective Bushing
Surrounds the motor axle in the sealing region, preventing the pumped liquid from getting in contact with the shaft.

Electric Motor
Is supplied with the pump.
Standardized with Flange and shaft Stub JM/ JP according with the norm NEMA.
Motor Characteristics:
Protection Degree: IP 55
Insulation: Class B (130º C) - NBR 7094
Service Factor: 1.15 (up to 50 HP) – 1.00 (above 50 HP)
Rotation: 3500/ 1750 RPM
Frequency: 60Hz
Note: when purchasing the pump kit (without the motor), please inform the motor manufacturer.

IMBIL Pumping Solutions

Range Coverage Chart





IMBIL Pumping Solutions

TECHNICAL DATA

- Suction Maximum Pressure (bar):
10 bar**- Discharge Maximum Pressure according to**
- Discharge Maximum Pressure according to the
theTemperature:
See Figures 1, 2, 3 and 4 (page 7).DP
DP = SP + DiffP (Q = 0)
DP = Discharge Pressure
SP = Suction Pressure
DiffP= Differential Pressure

- Minimum/maximum pressure for models with no cooling chamber (°C):
With packing = -50/ + 105 ºC.With Mechanical Seal according to manufacturer
With Mechanical Seal according to manufacturerrecommendation.
recommendation.

- Minimum/Maximum Temperature for models with refrigeration chamber (Cº)
With refrigeration chamber (Cº):
With packing = see Figures 1 and 2 (pag 8);With M
With Mechanical Seal according to manufacturerre
recommendation.

- Pressure of Hydrostatic Test (bar):
According to ANSI B 73.1

- Rotation direction:
Clockwise, as seen from the actuation side.

- Type of oil that should be used during lubrication: Up to 1800 rpm - Castro
l Hyspin AWS 68.
Above 1800 rpm - Castrol Hyspin AWS 46.

The values indicate in the table below for cooling liquid flow are based in a ?t of 15 ºC. The maximum temperature at the cooling chamber outlet is 50 ºC

Models			Unit	25-150	32-125.1	32-160.1	32-200.1	32-125	32-160	32-200	40-125	40-160	40-200	50-125	50-160	50-200	65-125	32-250.1	32-250	40-250	50-250	65-160	65-200	80-160	40-315	50-315	65-250	80-200	80-250	100-160	100-200	65-315	80-315	80-400	100-250	100-315	100-400	125-200	125-250	125-315	125-400	150-200	150-250	150-315	150-400
Bearing Housing				I30														I40							I40 R							I50													I60	
Impeller width			mm	6	7	5	6	9	5	6	14	12	9	20	16	11	25	8	8	8	12	21	17	31	9	9	13	23	19	36	32	13	18	13	27	23	17	40	37	30	25	59	48	39	33
GD² rotating set with water			Kg.m²	0,0216	0,0140	0,0224	0,0760	0,0140	0,0239	0,0785	0,0145	0,0334	0,0639	0,0190	0,0395	0,0749	0,0263	0,1800	0,1921	0,1879	0,1919	0,0520	0,0983	0,0640	0,4395	0,4801	0,2231	0,1569	0,2903	0,1039	0,1801	0,5121	0,5695	1,2787	0,3171	0,6101	1,3830	0,2231	0,4101	0,7739	1,6911	0,2917	0,4657	0,8681	1,8601
Weight in cast iron			Kg	28	34	34	42	37	36	45	38	38	48	40	41	47	49	68	67	73	73	70	60	90	103	107	89	93	105	106	108	125	132	161	131	143	178	135	157	156	192	182	193	245	280
Maximum rotation			rpm	3500																											1750														
Refrigeration liquid volumetric flow according to pumping temperature		140 ºC		1,2														2,2													3,1													3,7	
		160 ºC		1,5														2,7													3,3													4,5	
		200 ºC		2,2														3,3													4,4													4,7	
		250 ºC		3,0														4,0													5,6													7,3	
		350 ºC		4,0														4,9													7,0													8,0	
Refrigeration fluid maximum pressure			bar	7																																									
Maximum / minimum volumetric flow				0,1 Qot/1,1 Qot																											0,15 Qot/1,1 Qot														
Flanges	Iron/ Bronze	Stander		ANSI B 16.1 125 Lb FF														250 Lb FF			125 Lb FF				250 Lb FF			*	**	B 16.1 125 Lb FF														
		Opcional		—														125 Lb FF			250 Lb FF				125 Lb FF			**	*	B 16.1 205 Lb FF														
	Steel	Stander		ANSI B 16.5 150 Lb RF														B 16.1 150 Lb RF																													
		Opcional		—														B 16.1 300 Lb RF																													
Bearings				6303 C3														6308 C3											***	6308 C3		6310 C3												6312 C3	
P/N Maximum admissible			CV/rpm	0,0175														0,0330							0,0460							0,101												0,157	
P/N Maximum admissible for pumps with SAE 40 Impeller			CV/rpm	0,00707														0,01868							0,02420							0,03629												0,5757	
☒ Packing			mm	10																											12,5												12,5	

*125Lb FF **250Lb FF ***Bearing Pump Side: NU 308 EC/Bearing Driver Side: 7308(2x)

TECHNICAL DATA

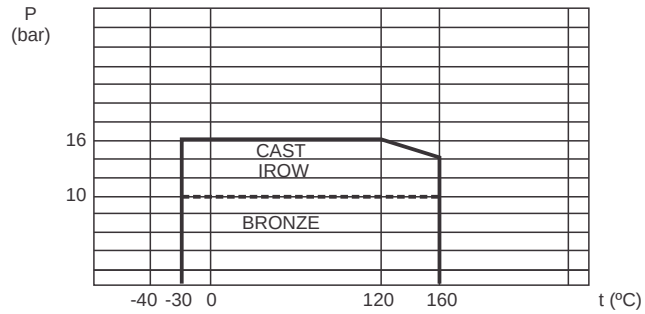


Fig. 1 – Maximum discharge pressure according to temperature.

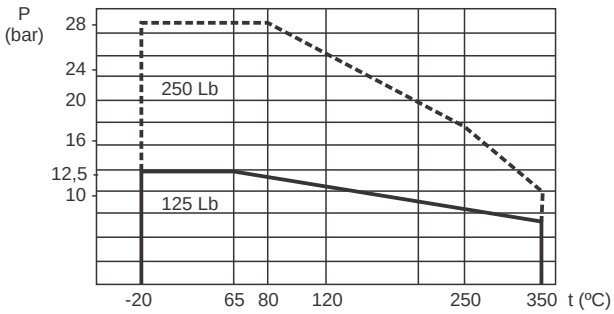


Fig. 3 - Flanges ANSI B 16.1. Adccesitable pressure according to temperature.

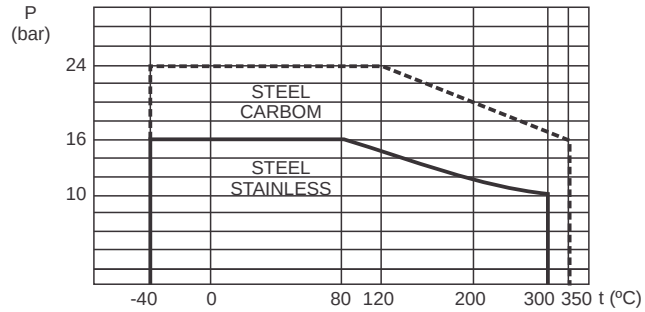


Fig.2 Maximum discharge pressure according to temperature.

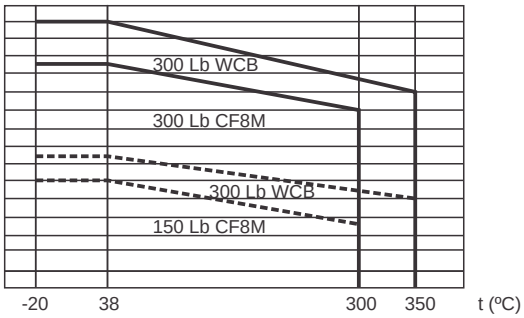


Fig. 4 - Flanges ANSI B 16.5. Accesitable pressure according to temperature.

- Peripheral speed (m/s).
When determining the pump operation rotation, besides the maximum discharge pressure the maximum peripheral speed of the motor must be considered, according to its construction material.

GG 20	40 m/s
GGG 40	60 m/s
SAE 40	60 m/s
CF8M	80 m/s

- The **NPSH** values required are found in the characteristic curves of each model, being necessary to add 0.5 m as a measure fabrication safety.

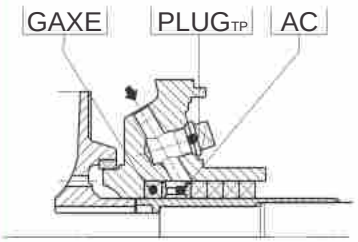
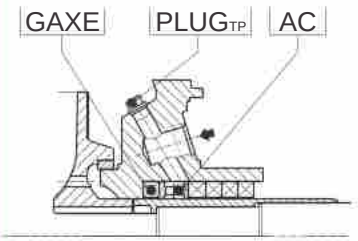
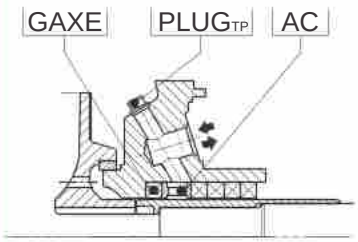
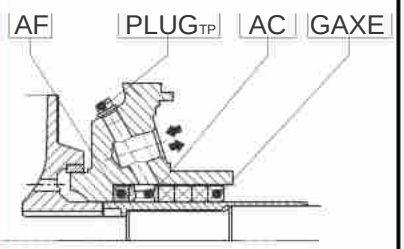
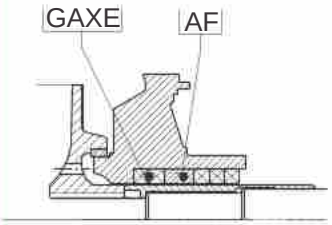
- For the execution with a CF8M stainless steel impeller, it's necessary to reduce the outputs found in the characteristic curves according to what is indicated next:

Impeller width	Reduce
Up to 12 mm	3 points
From 12 to 15 mm	2 points
Over 15 mm	No reduction

- For the pump selection, use the characteristic curves that refer to water at room temperature and specific weight equal to 1.0 kgf/ dm3.

IMBIL Pumping Solutions

TECHNICAL DATA

1		Pumping of non-aggressive clear fluids. Sealing through internal source. Temperature up to 160°C.
2		Pumping of toxic, aggressive fluids and for pumps suctioning from a tank subject to vacuum. Sealing with clear liquid through external source. Temperature up to 105°C.
3		Pumping of fluids with suspended solid particles and/or when avoiding contamination from external source. Temperature up to 105°C.
4		Pumping of fluids with abrasive particles or particles prone to crystallization. Flushing with clear liquid from external source. Temperature up to 105°C.
5		Pumping of thermal oils with temperatures higher than 180°C (Rothaterm Packing).

The manufacturing codes 2, 3 and 4 may only be applied for models without refrigeration chamber.

- Volumetric flow rate of sealing liquid (l/min):

Sealing = approximately 1 l/min

Washing = approximately from 3 to 5 l/min.

- Pressure of external sealing liquid (bar):

$1 + \frac{DP}{2}$ for models 32-125 and 32-160.

1 + SP for the all the other models.

DP = Discharge Pressure

SP = Suction Pressure

The driver is performed by means of flexible coupling, with or without spacer, by: electric motor, combustion engine, etc.

The driver may be performed by pulleys and belts as long as reinforced intermediate bearings are used.

- Power reserve for driver in relation to power consumed by pump (HP):

Up to 2 HP approximately 20% of reserve.

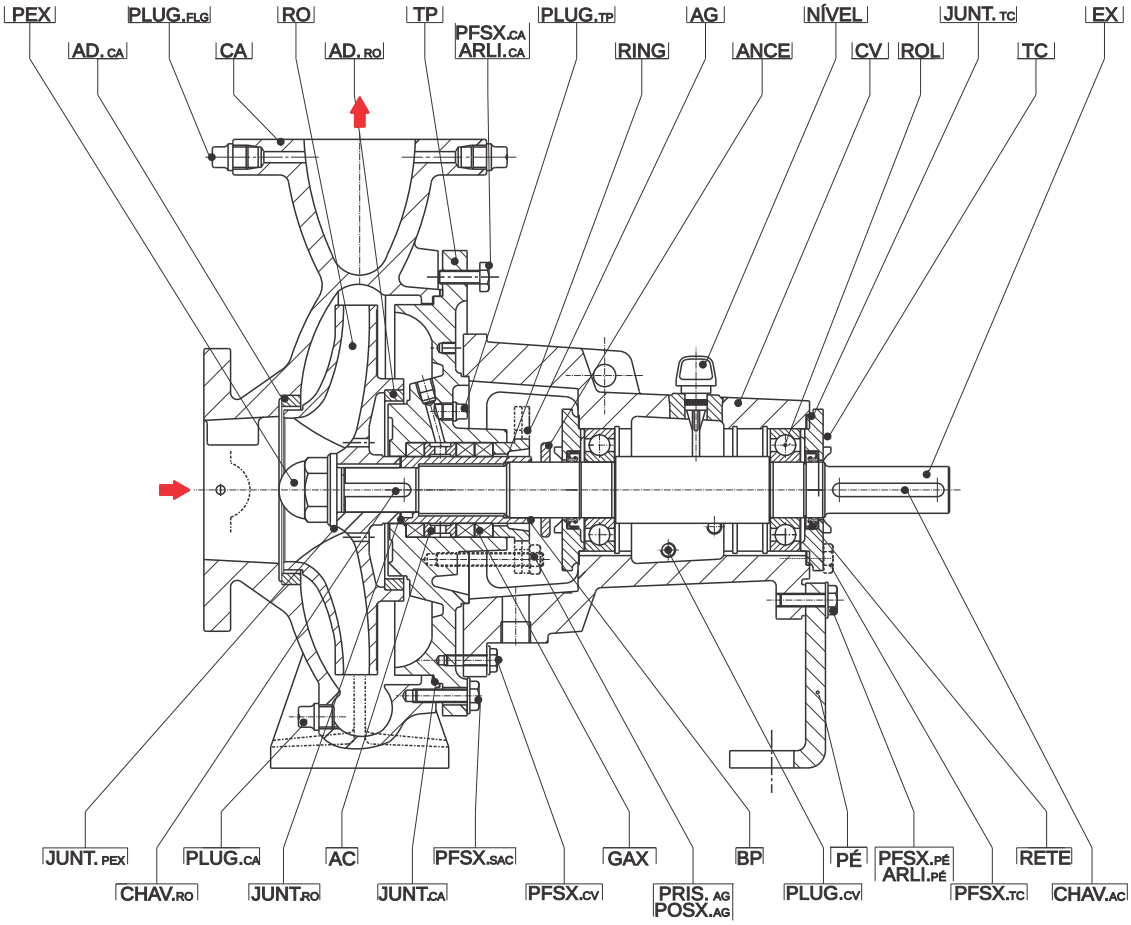
Up to 20 HP approximately 15% of reserve.

Over 20 HP approximately 10% of reserve.

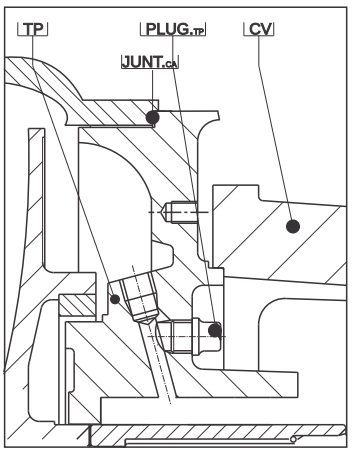
The following accessories are optionally available:

- IMBIL standard coupling or from other manufacturers.
- IMBIL standard coupling protector.
- IMBIL standard base, in plate or U-shaped.
- IMBIL standard counterflange.

CROSS SECTION AND IDENTIFICATION OF PARTS

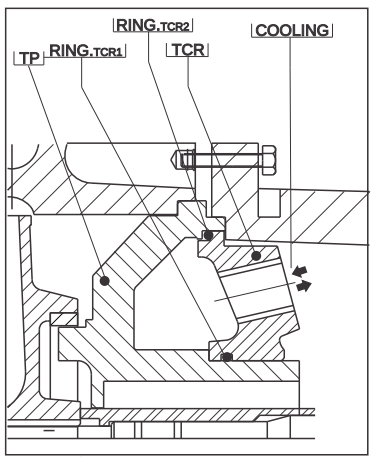


DETAIL OF PRESSURE COVER



For Models		
I 3 0	32, 40, 50, 65-125	32, 40, 50-160
I 4 0	65, 80-160	
I 5 0	125, 150-200	
I 6 0	150-315	

DETAIL COOLING CHAMBER

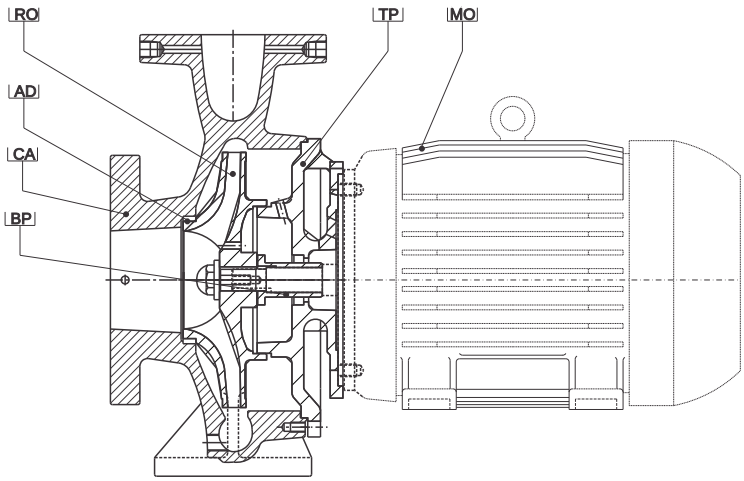


PART LIST – INI

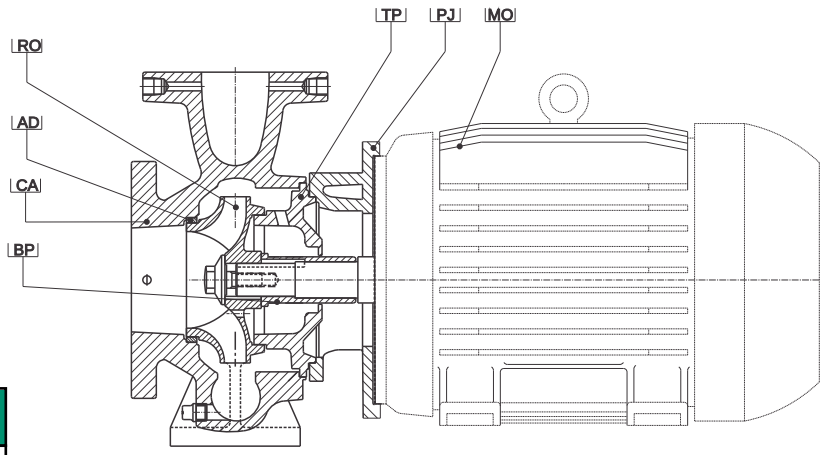
Part	Denomination	Ref.	Material	Qtdy	Reference notes
AC	Lantern ring		A48 CL30	1	
ANCE	Centrifuge ring		Nylon	1	
AD. CA	Volute case wear ring		A48 CL30	1	
AD. RO	Impeller wear ring		A48 CL30	1	
AF	Back ring	1	A48 CL30	1	
AG	Stuffing box packing gland		A48 CL30	1	
ARLI. CA	Smooth washer of volute case	2	SAE 1020	8	(1) Only applicable for sealing codes 4 and 5
ARLI. PÉ	Smooth washer of feet		SAE 1020	1	
BP	Shaft sleeve		SAE 1020	1	
CA	Volute case		A48 CL30	1	
CV	Bearing Housing		GG-20	1	(2) Qty = 8 in models: 32/ 40/ 50/ 65/ 80/ 100-200 and 100-160 Qty. = 10 in models: 32/ 40/ 50/ 65/ 80/ 100/ 125 and 150-250 Qty. = 12 in models: 40/ 50/ 65/ 80/ 100 and 125-315 Qty. = 16 in models: 80/ 100/ 125 and 150-400
CHAV. ACP	Coupling Key		SAE 1045	1	
CHAV. RO	Impeller key		SAE 1045	1	
EX	Shaft		SAE 1045	1	
GAXE	Packing		Graphitized	1	
JUNT. CA	Volute case joint		K. oilit	1	
JUNT. PEX	Shaft nut joint		K. oilit	1	
JUNT. TC	Bearing housing cover joint		Velumoide	2	
JUNT. RO	Impeller joint		K. oilit	1	(3) Only applicable for models with refrigeration
RING. BP	Shaft sleeve o'ring		Nitrilic	1	
RING. TCR1	Refrigeration cover o'ring	3	Nitrilic	1	
RING. TCR2	Refrigeration cover o'ring	3	Nitrilic	1	
PFSX. CA	Volute case screw	2	SAE 1020	8	(4) Qty. = 6 for bearing housing I30 and I40. Qty. = 8 for bearing housing I50 and I60.
PFSX. TC	Bearing housing cover screw		SAE 1020	8	
PFSX. CV	Bearing housing screw	4	SAE 1020	6	
PFSX PÉ	Feet screw		SAE 1020	1	
PFSX SAC	Cover opener screw	5	SAE 1020	1	(5) Only applicable in models: 32/ 40/ 50/ 65/ 80/ 100-200 32/ 40/ 50/ 65/ 80/ 100/ 125/ 150-250 40/ 50/ 65/ 80/ 100 and 125-315 80/ 100/ 125 and 150-400 100-160
PÉ	Feet		GG-20	1	
PLUG. CA	Volute case plug		Galvanized iron	1	
PLUG. FLG	Flange plug		Galvanized iron	3	
PLUG. TP	Pressure cover plug		Galvanized iron	2	
PLUG. CV	Bearing housing plug		Galvanized iron	2	
POSX. AG	Stuffing box packing gland nut		SAE 1020	2	
PEX	Shaft nut		SAE 1045	1	
PRIS. AG	Tap bolt of stuffing box		SAE 1045	2	
RETE	Retainer		Nitrílica	2	
ROL	Ball bearing		Steel	2	
RO	Impeller		GG-20	1	
TCR	Refrigeration chamber cover	3	GG-20	1	
TP	Pressure cover		GG-20	1	
TC	Bearing housing cover		GG-20	2	
Nível	Oil dip stick		Nylon	1	

Note: The materials specified for the parts are for standard pumps. The parts can be manufactured in the following materials: nodular iron, carbon steel, stainless steel, bronze, aluminum and special alloys and or other material according to the purpose of the pump.

INI-BLOC PUMP



INI-BLOC PUMP (With coupling pieces)

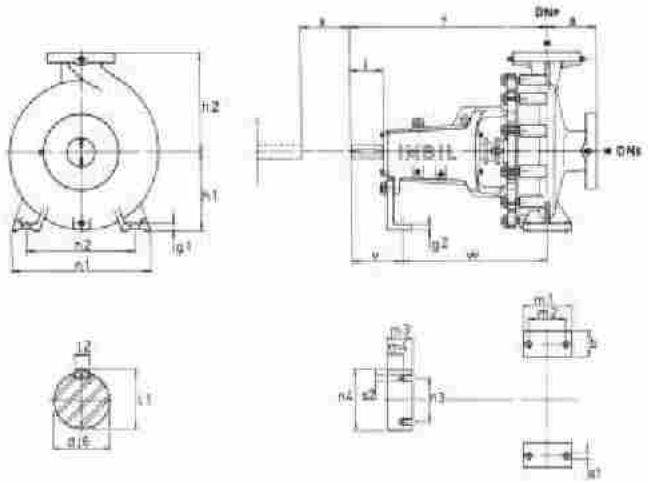


Part	Qtdy.	Denonination
AD	01	Wear Ring
BP	01	Shaft Sleeve
CA	01	Volute Case
MO	01	Engine
PJ*	01	Coupling Piece
RO	01	Impeller
TP	01	Pressure Couver

*** Used only some models, when required**

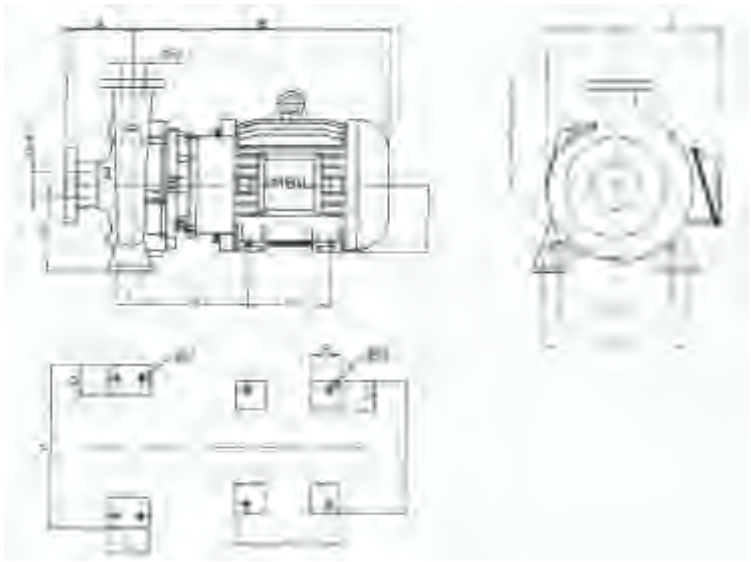
IMBIL Pumping Solutions

BASIC DIMENSIONS (mm) – INI



Bearing Hosing	Models	Pump dimensions						Feet dimensions														Shaft End				
		DNs	DNp	a	f	h_1	h_2	b	g_1	g_2	m_1	m_2	m_3	m_4	n_1	n_2	n_3	n_4	s_1	s_2	v	w	dj_6	l	l_1	l_2	x
I30	25-150	32	25	73	400	112	160	50	15	6,5	100	70	64	38	190	140	110	152,4	14	14	118	282	24	50	26,9	8	100
	32-125.1	50	32	80	385	112	160	50	15	6,5	100	70	66,5	41,5	190	140	110	152,4	14	14	100	285	24	50	26,9	8	100
	32-160.1	50	32			132	160								240	190											
	32-200.1	50	32			160	180								240	190											
	32-125	50	32			112	160								190	140											
	32-160	50	32			132	160								240	190											
	32-200	50	32			160	180								240	190											
	40-125	65	40			112	140								210	160											
	40-160	65	40			132	160								240	190											
	40-200	65	40	100		160	180								265	212											
	50-125	80	50			132	160								240	190											
	50-160	80	50			160	180								265	212											
	50-200	80	50			160	200								265	212											
	65-125	100	50			160	180	65	18		125	95			280	212											
I40	32-250.1	50	32	100	500	180	225	65	18	9,5	125	95	64,5	39,5	320	250	110	152,4	14	14	130	370	32	80	35,3	10	100
	32-250	50	32	100		180	225								320	250											
	40-250	65	40	100		180	225								320	250											
	50-250	80	50	125		180	225								320	250											
	65-160	100	65	125		160	200								280	212											
	65-200	100	65	100		180	225								320	250											140
	80-160	125	80	100		180	225								320	250											
I40 R	65-250	100	65	125	500	200	250	80	18	9,5	125	95	64,5	39,5	360	280	110	152,4	18	14	130	370	32	80	35,3	10	140
	80-250	125	80			225	280								400	315											140
	100-160	125	100			200	280								360	280											140
	100-200	125	100			200	280								360	280											140
	40-315	65	40			200	250								345	280			14								140
	50-315	80	50			225	280								345	280											140
	80-200	125	80			180	250								345	280											140
I50	65-315	100	65	125	530	225	280	80	19	9,5	160	120	61,5	36,5	400	315	110	152,4	18	14	160	370	42	110	45,1	12	140
	80-315	125	80	125		250	315		19						400	315											
	80-400	125	80	125		280	355		20						435	315											
	100-250	125	100	140		225	280		20						400	315											
	100-315	125	100	140		250	315		18						400	315											
	125-200	150	125	140		250	315		20						400	315											
	125-250	150	125	140		250	355		18						400	315											
	100-400	125	100	140		280	355	100	20		200	150			500	400			22								180
	125-315	150	125	140		280	355		20						500	400											
	125-400	150	125	140		315	400		20						500	400											
	150-200	200	150	160		280	375		20						500	400											
	150-250	200	150	160		280	375		20						500	400											
I60	150-315	200	150	160	670	315	400	100	20	15	200	150		38	550	450	140	210	22	20	170	500	48	110	51,1	14	180
	150-400	200	150				400																				

BASIC DIMENSIONS (mm) – INI-BLOC



Model	Motor		Dimensions																								
	4 POLOS	2 POLOS	Dns	Dnp	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	S	T	U	∅V1	∅V2	X
32-125		2/ 3 CV	50	32	80	361	89	150	112	70	138	100	90	140	140	140	190	50	42	38	164	131	14	10	100
		4 CV				386						125										156			
		5 CV				411	99	140			135	140	100		160				50	44	188	173		12	
		6/ 7,5 CV				432	112				142		112		190					48	220	177			
32-160		2/ 3 CV				363	89	150	132		140	100	90	160	140	190	240		42	38	164	131		10	
		4 CV				388						125										156			
		5 CV				413	99	140			137	140	100		160				50	44	188	173		12	
		6/ 7,5 CV				434	112				144		112		140					48	220	177			
		10 CV				-	135				-		132		216				55	51	248	187			
32-200	1,5/ 2 CV					360	89	150	160		137	100	90	180	140	190	240		42	38	164	131		10	
	3 CV					385						125										156			
		6/ 7,5 CV				431	112	140			141	140	112		190				50	48	220	177		12	
		10 CV				471	135				160		132		216				55	51	248	187			
		12,5/ 15 CV				509		178				178										225			
		20/ 25 CV				614	155	210			205	210	160		254				65	64	308	256		15	
32-250	3 CV				100	-	89	150	180	95	-	125	90	225	140	250	320	65	42	38	164	156		10	125
	4 CV						99	140				140	100		160				50	44	188	173		12	
		20/ 25 CV					155	210				210	160		254				65	64	308	256		15	
		30 CV					177	241				241	180		279				75	80	350	294			
		40 CV					195	267				267	200		318				85	82	385	332		19	
40-125		4 CV	65	40	80	387	89	150	112	70	139	125	90	140	140	160	210	50	42	38	164	156		10	100
		5 CV				412	99	140			136		100		140				50	44	188	173		12	
		6/ 7,5 CV				433	112				143		112		190					48	220	177			
		10 CV				473	135				162		132		216				55	51	248	187			
40-160	1,5/ 2 CV					364	89	150	132		140	100	90	160	140	190	240		42	38	164	131		10	
		10 CV				476	135	140			164	140	132		216				55	51	248	187		12	
		12,5/ 15 CV				514		178				178										225			
		20 CV				616	155				206	210	160		254				65	64	308	256		15	
40-200	3 CV				100	385	89	150	160		137	125	90	180	140	212	265		42	38	164	156		10	
	4 CV					514	99	140			134	140	100		160				50	44	188	173		12	
		20/ 25 CV				614	155	210			205	210	160		254				65	64	308	256		15	
		30 CV				677	177	241			218	241	180		279				75	80	350	294			
40-250	4/ 5 CV				100	408	99	140	180	95	120	140	100	225	160	250	320	65	50	44	188	173		12	125
	6 CV					429	112				127		212		190					48	220	177			
		25 CV				-	155	210			-	210	160		254				65	64	308	256		15	
		30 CV				678	177	241			207	241	180		279				75	80	350	294			
		40 CV				744	195	267			219	267	200		318				85	82	385	332		19	
		50 CV				782		305				305										370			

IMBIL Pumping Solutions

BASIC DIMENSIONS (mm) – INI-BLOC

Model	Motor		Dimensions																						
	4 POLOS	2 POLOS	Das	Dnp	A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R	S	T	U	ØV1	ØV2	X
50-125	1/1,5 CV		80	50	100	-	89	150	132	70	-	100	90	160	140	190	240	50	42	38	164	131	14	10	100
		10 CV				476	135	140			165	140	132		216				55	51	248	187		12	
		12,5/ 15 CV				514		178				178										225			
50-160	3 CV					-	89	150	160		-	125	90	180	140	212	265		42	38	164	156		10	
	4 CV						99	140				140	100		160				50	44	188	173		12	
		20/ 25 CV				616	155	210			207	210	160		254				65	64	308	256		15	
50-200	4/ 5 CV					411	99	140			135	140	100	200	160				50	44	188	173		12	
	6 CV					432	112				142		112		190					48	220	177			
		25 CV				615	155	210			206	210	160		254				65	64	308	256		15	
		30 CV				678	177	241			219	241	180		279				75	80	350	294			
		40 CV				744	195	267			231	267			318				85	82	385	332		19	
50-250	6 CV				125	-	112		180	95	-		112	225	190	250	320	65	50	48	220	177			125
	7,5/ 10 CV					474					150														
50-315	10 CV					470	135	140			146	140	132	280	216	280	345		55	51	248	187		12	
	12,5/ 15 CV					508		178	225			178										225			
	20 CV					-	155	210			-	210	160		254				65	64	308	256		15	
65-125	2 CV		100	65	100	-	89	150	160	95	-	100	90	180	140	212	280	65	42	38	164	131	14	10	125
		15 CV					135	178				178	132		216				55	51	248	225		12	
		20 CV				314	155	210			193	210	160		254					64	308	256		15	
65-160	4 CV					414	99	140			125	140	100	200	160				50	44	188	173		12	
		25 CV				622	155	210			196	210	160		254				65	64	308	256		15	
		30 CV				679	177	241			209	241	180		279				75	80	350	294			
		40 CV				745	195	267			211	267	200		318				85	82	385	332		19	
65-200	4/ 5 CV					-	99	140	180		-	140	100	225	160	250	320		50	44	188	173		12	
	6 CV						122						112		190					48	220	177			
	7,5/ 10 CV						135						132		216				55	51	248	187			
		30 CV					177	241				241	180		279				75	80	350	294		15	
		40 CV					195	267				267	200		318				85	82	385	332		19	
		50 CV						305				305										370			
65-250	7,5/ 10 CV		125	80	125	472	135	140	200	120	136	140	132	250	216	280	360	80	55	51	248	187	18	12	160
	12,5/ 15 CV					510		178				178										225			
65-315	15 CV					-					-														
	20 CV					604	155	210	225		170	210	160	280	254	315	400		65	64	308	256		15	
	25/ 30 CV					667	177	241			183	241	180		279				75	80	350	294			
80-160	5 CV					-	99	140	180	95	-	140	100	225	160	250	320	65	50	44	188	173	14	12	125
	6 CV						112						112		190					48	220	177			
	7,5 CV						135						135		216				55	51	248	187			
80-200	6 CV						112		200				112	250	190	280			50	48	220	177			
	7,5/ 10 CV														216							187			
	12,5/ 15 CV		125	80	125		135	178				178	132						55	51	248	225			
80-250	12,5/ 15 CV					502			225		128			280											
	20 CV					604	155	210			170	210	160		254				65	64	308	256		15	
80-315	25/ 30 CV					674	177	241			190	241	180		279	315	400		75	80	350	294			
	40 CV					740	195	267	250		202	267	200	315	305				85	82	385	332		19	
	50 CV					778		305				305										370			
100-200	12,5/ 15 CV			100		604	135	178	200	120	230	178	132		216	280	360	80	55	51	248	225	18	12	160
	20 CV						155	210				210	160	280	254				65	64	308	256		15	
100-250	20 CV				140	-			225		-			2 0		315	400								
	25/ 30 CV						177	241				241	180		279				75	80	350	294			
100-315	40 CV						195	267	250		-	267	200	315	318	315	400		85	82	385	332		19	
	50 CV							305				305										370			
	60 CV						243	280				286	225		356				105	80	436	391			
100-400	75 CV					830			280	150	199			355		400	500	100					22		200
125-200	20 CV		150	125		610	155	210	250	120	176	210	160	315	254	315	400	80	65	64	308	256	18	15	160
	25 CV						177	241				241	180		279				75	80	350	294			
125-250	25/ 30 CV					-					-			355											
	40 CV						195	267				267			318				85	82	385	332		19	
	50 CV							305				305										370			
150-200	20 CV		200	150	160		155	210	280	150		210	160	375	254	450	550	100	65	64	308	256	22	15	200
	25/ 30 CV					668	177	241			169	241	180		279				75	80	350	294			
150-250	40 CV					-	195	267			-	267	200		315	400	500		85	82	385	332		19	
	50 CV					-		305				305										370			
	60 CV					-	243	286				286	225		356				105	80	436	391			

Notes:

1 – Models with engine with power different from those described above may be supplied, for such orders, please, contact IMBIL.

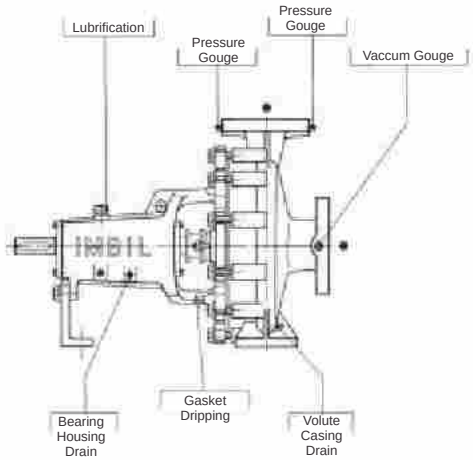
2 –The following models are available with Threaded Suction/Pressure:

32-125, 32-160, 32-200,40-125,40-160,40-200,50-125 and 65-160.

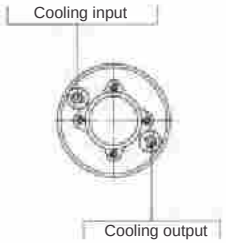
3 – Consult IMBIL for any missing dimensions.

IMBIL Pumping Solutions

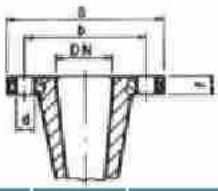
CONNECTION SIZES AND FLANGE TABLE



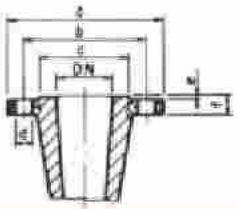
Detail of the cooling cap



Connection / Denomination	BSP screw threads				
	I 30	I 40	I 40 R	I 50	I60
Pressure gauge	3/8"	3/8"	3/8"	1/2"	1/2"
Pressure/Vacuum Meter	3/8"	3/8"	3/8"	1/2"	1/2"
Volute case drain	3/8"	3/8"	3/8"	1/2"	1/2"
Bearing Housing Drain	1/4"	1/4"	1/4"	1/4"	1/4"
Lubrication	-	-	-	-	-
Dripping	1/2"	1/2"	1/2"	3/4"	3/4"
Inlet refrigeration	1/2"	1/2"	1/2"	1/2"	1/2"
Outlet refrigerarion	1/2"	1/2"	1/2"	1/2"	1/2"

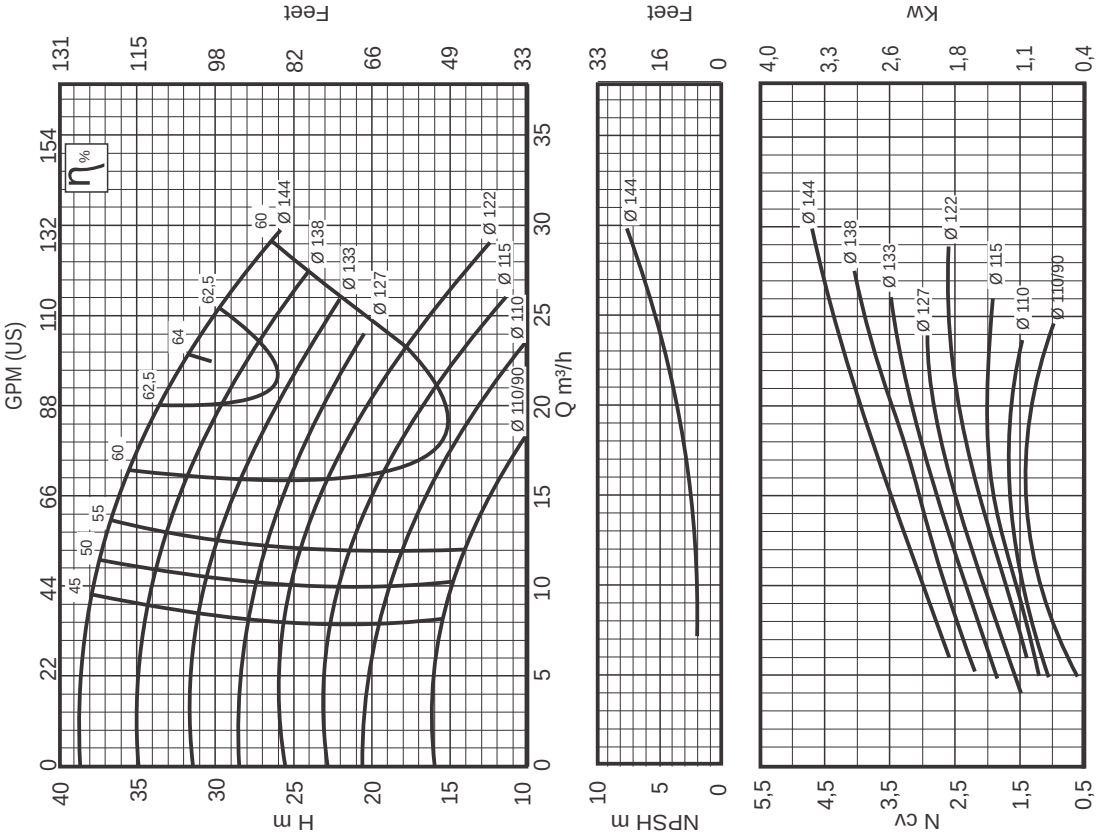


	ANSI B 16.1FF Standard	a	b	d	f	Number of holes
25	125 Lb	108	79	16	11	4
	250 Lb	124	89	19	18	4
32	125 Lb	117	89	16	13	4
	250 Lb	133	98	19	17	4
40	125 Lb	127	98	16	14	4
	250 Lb	155	114	22	19	4
50	125 Lb	152	120	19	16	4
	250 Lb	165	127	19	20	8
65	125 Lb	178	140	19	17	4
	250 Lb	190	149	22	24	8
80	125 Lb	190	152	19	19	4
	250 Lb	209	168	22	27	8
100	125 Lb	228	190	19	24	8
	250 Lb	254	200	22	30	8
125	125 Lb	254	216	22	24	8
	250 Lb	279	235	22	35	8
150	125 Lb	279	241	22	25	8
	250 Lb	317	270	22	36	12
200	125 Lb	343	298	22	28	8
	250 Lb	381	330	25	41	12



	ANSI B 16.1FF Standard	a	b	c	d	e	f	Number of holes
25	150 Lb	110	79,4	50,8	16	2,0	14,7	4
	300 Lb	125	88,9	50,8	19	2,0	17,9	4
32	150 Lb	115	88,9	63,5	16	2,0	16,3	4
	300 Lb	135	98,4	63,5	19	2,0	19,5	4
40	150 Lb	125	98,4	73,0	16	2,0	17,9	4
	300 Lb	155	114,3	73,0	22	2,0	21,1	4
50	150 Lb	150	120,7	92,1	19	2,0	19,5	4
	300 Lb	165	127,0	92,1	19	2,0	22,7	8
65	150 Lb	180	139,7	104,8	19	2,0	22,7	4
	300 Lb	190	149,2	104,8	22	2,0	25,9	8
80	150 Lb	190	125,4	127,0	19	2,0	24,3	4
	300 Lb	210	168,3	127,0	22	2,0	29,0	8
100	150 Lb	230	190,5	157,2	19	2,0	24,3	8
	300 Lb	255	200,0	157,2	22	2,0	32,2	8
125	150 Lb	255	215,9	185,7	22	2,0	24,3	8
	300 Lb	280	235,0	185,7	22	2,0	35,4	8
150	150 Lb	280	241,3	215,9	22	2,0	25,9	8
	300 Lb	320	269,9	215,9	22	2,0	37,0	12
200	150 Lb	345	298,5	269,9	22	2,0	29,0	8
	300 Lb	380	330,2	269,9	25	2,0	41,7	12

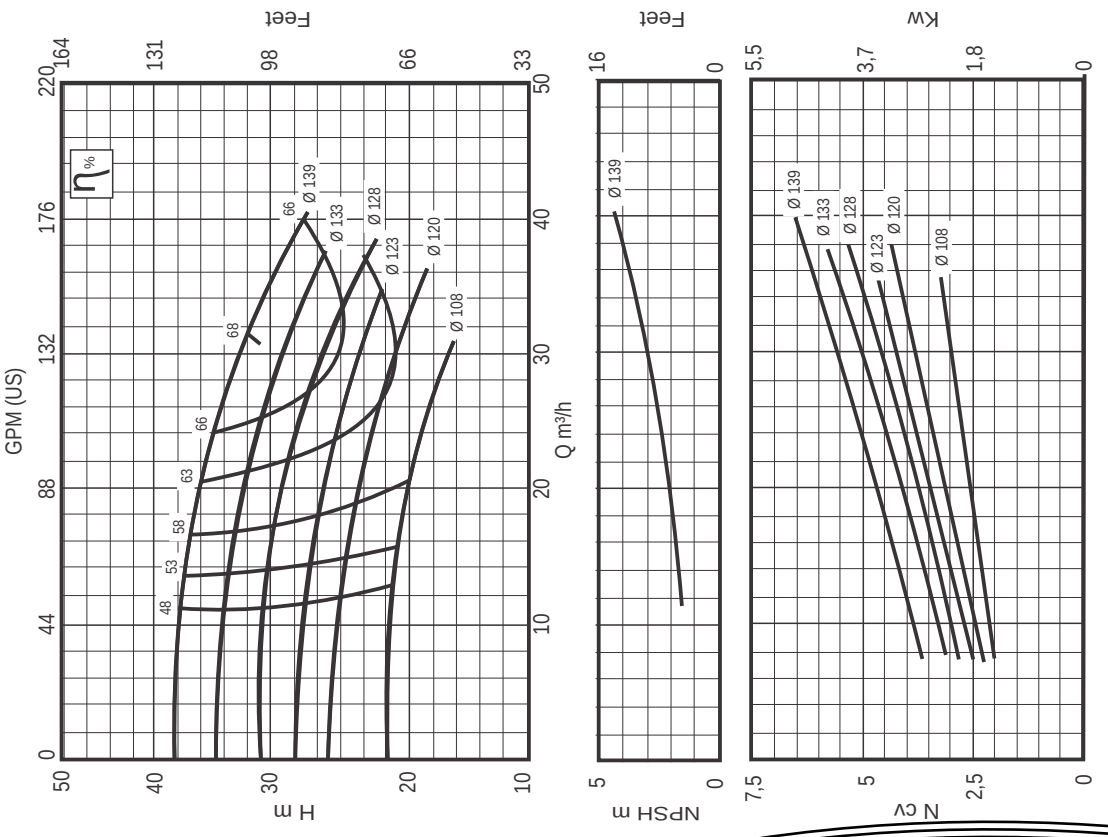
INI 32-125.1 — 3500 rpm



Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 144 mm
Impeller Ø Min. 110/90 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

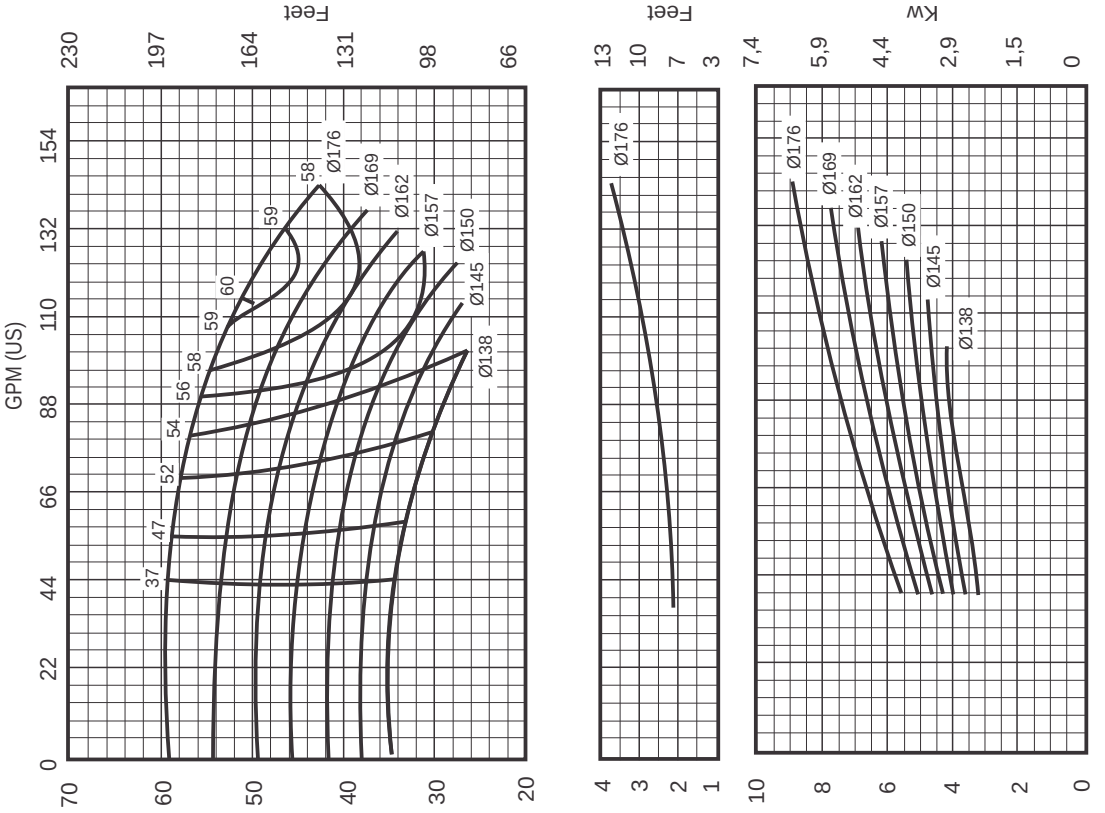
INI 32-125 — 3500 rpm



Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 139 mm
Impeller Ø Min. 108 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

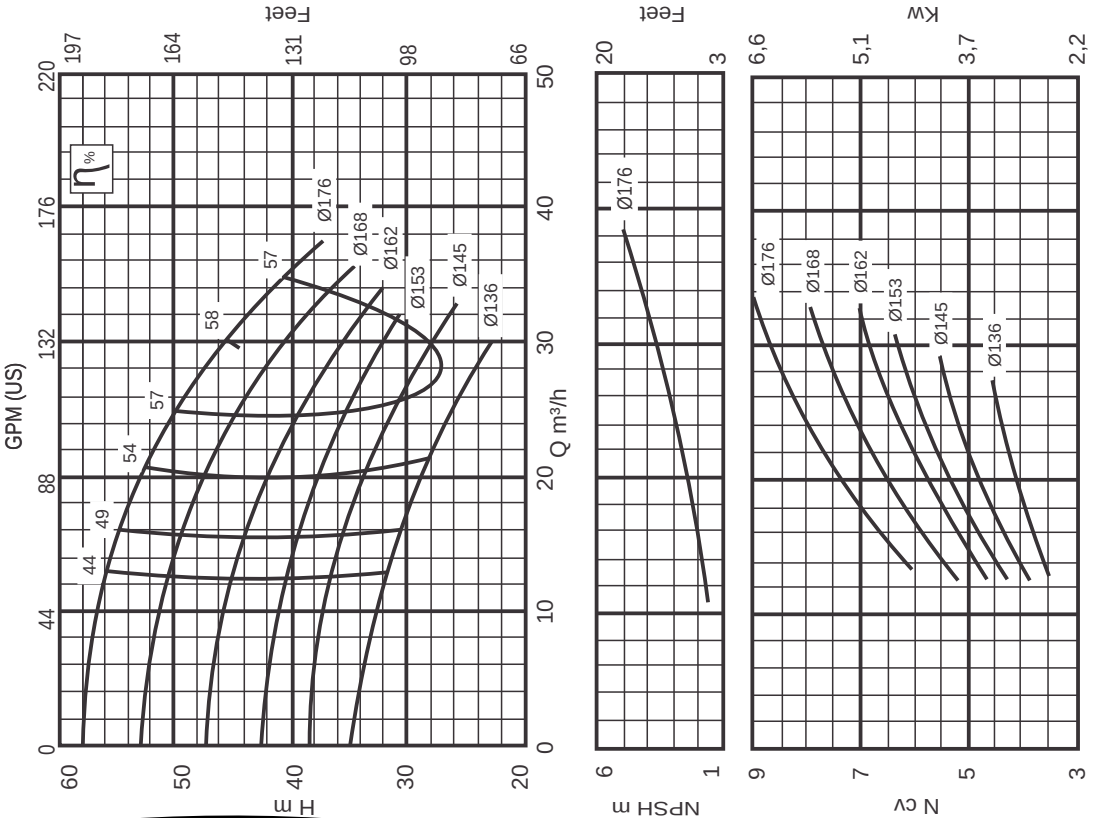
INI 32-160.1 — 3500 rpm



Impeller Ø Max. 176 mm
Impeller Ø Min. 138 mm
Viscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth γ= 1kgf/dm³

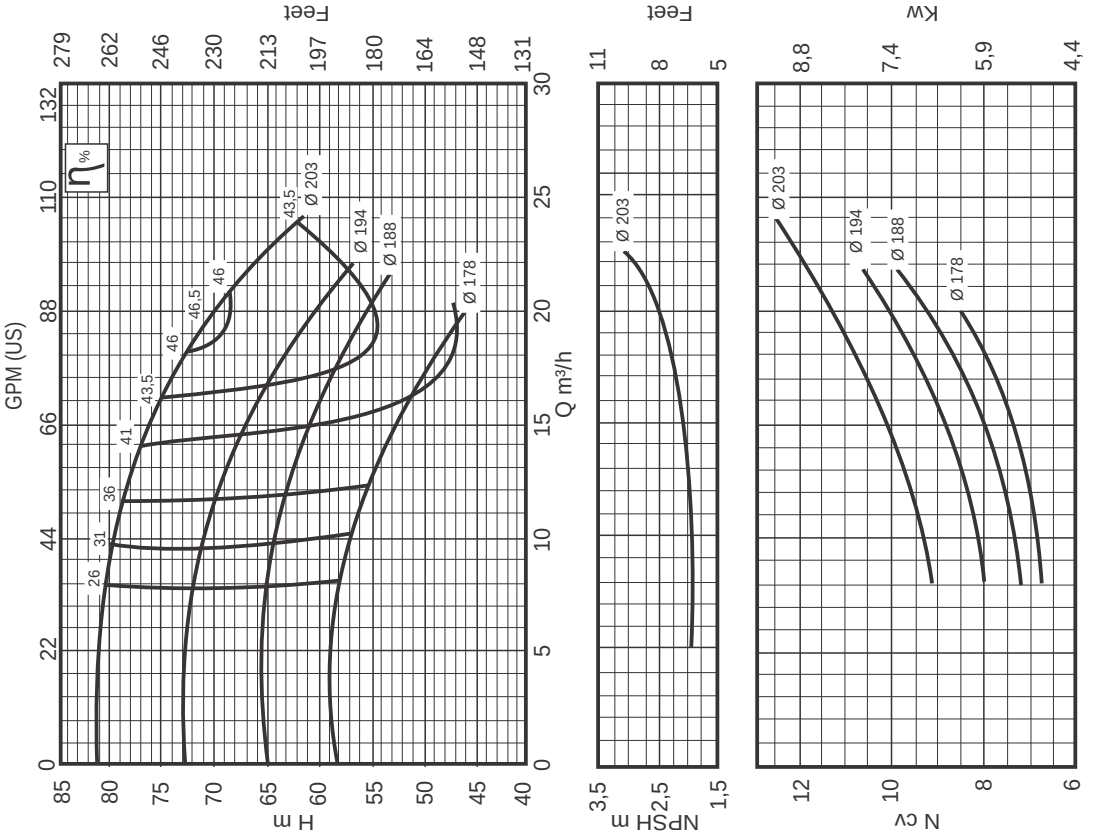
INI 32-160 — 3500 rpm



Impeller Ø Max. 176 mm
Impeller Ø Min. 136 mm
Impeller of Width 5 mm
Viscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth γ= 1kgf/dm³

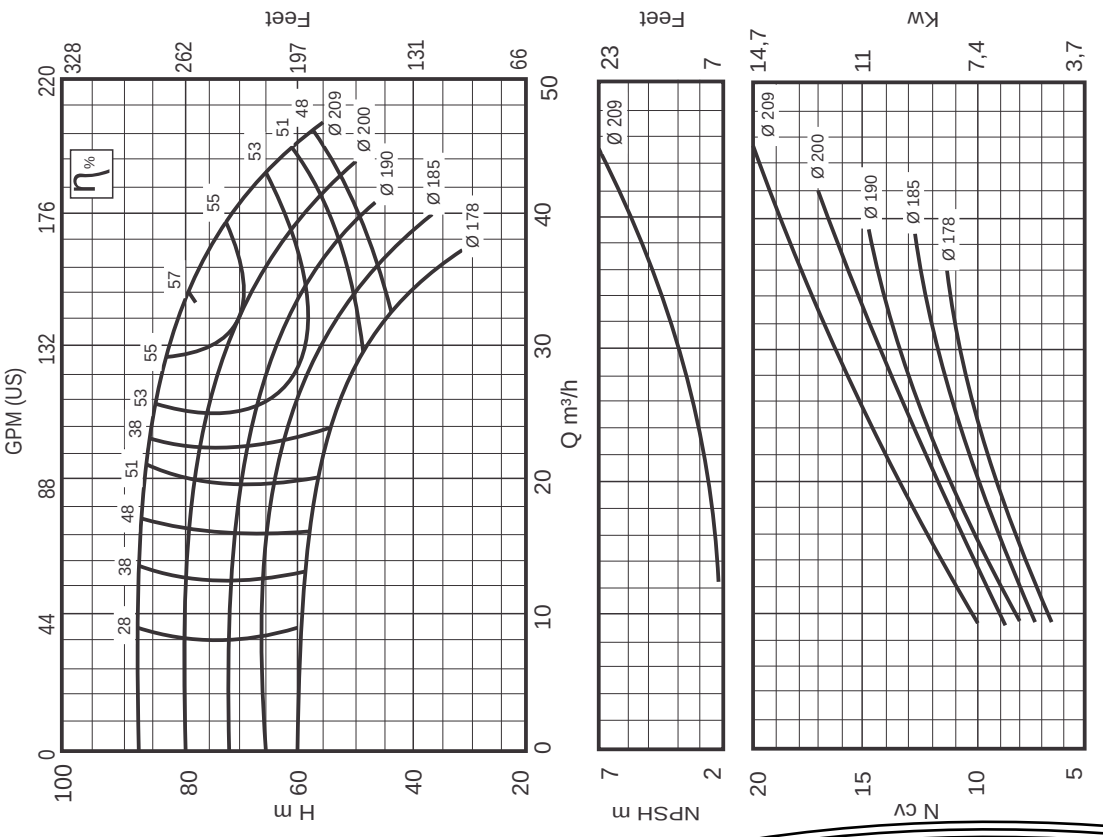
INI 32-200.1 — 3500 rpm



Impeller Ø Max. 203 mm
Impeller Ø Min. 178 mm
Viscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth γ= 1kgf/dm³

INI 32-200 — 3500 rpm

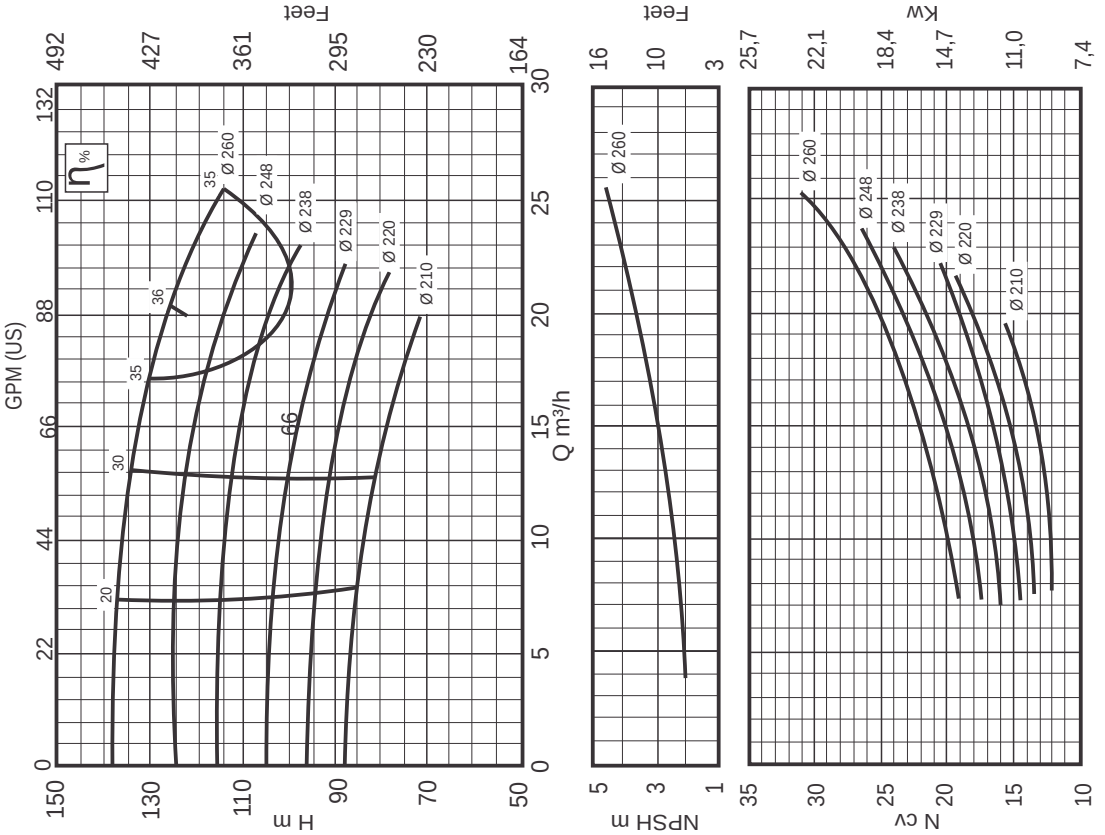


Impeller Ø Max. 209 mm
Impeller Ø Min. 178 mm
Impeller of Width 6 mm
Viscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth γ= 1kgf/dm³

IMBIL Pumping Solutions

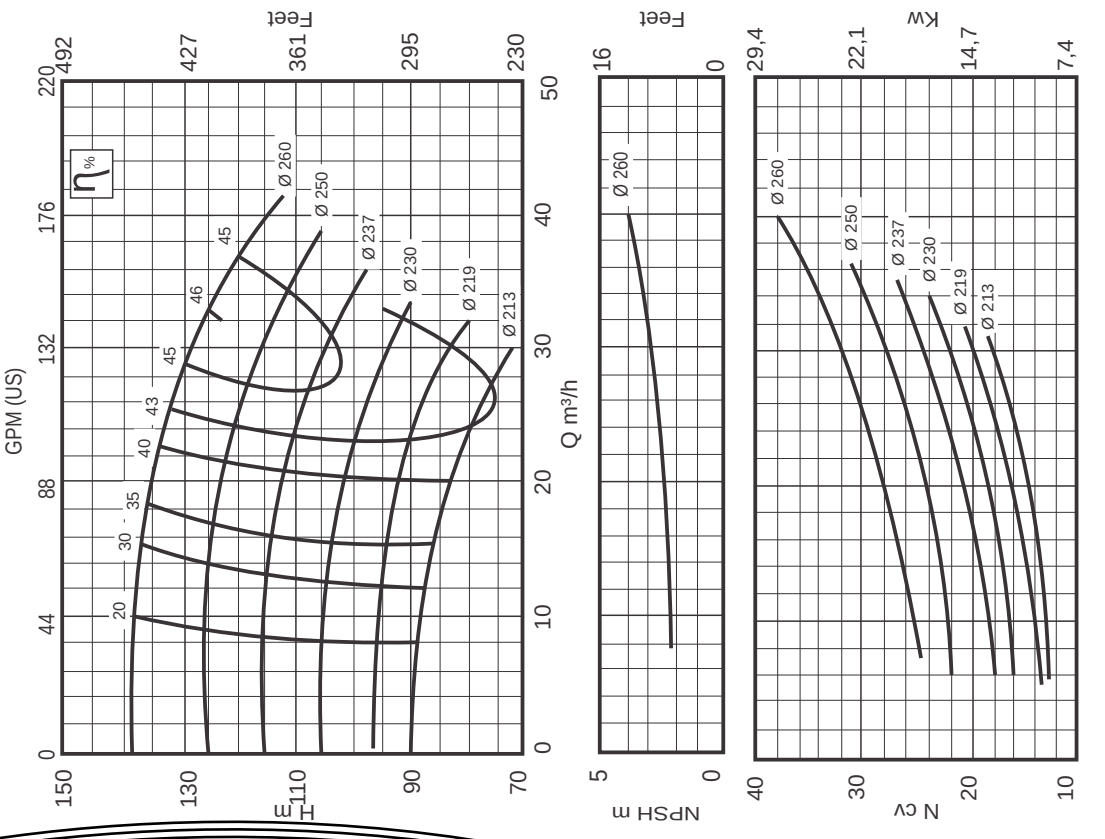
INI 32-250.1 — 3500 rpm



Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 260 mm
Impeller Ø Min. 210 mm
Viscosity μ = 1cP

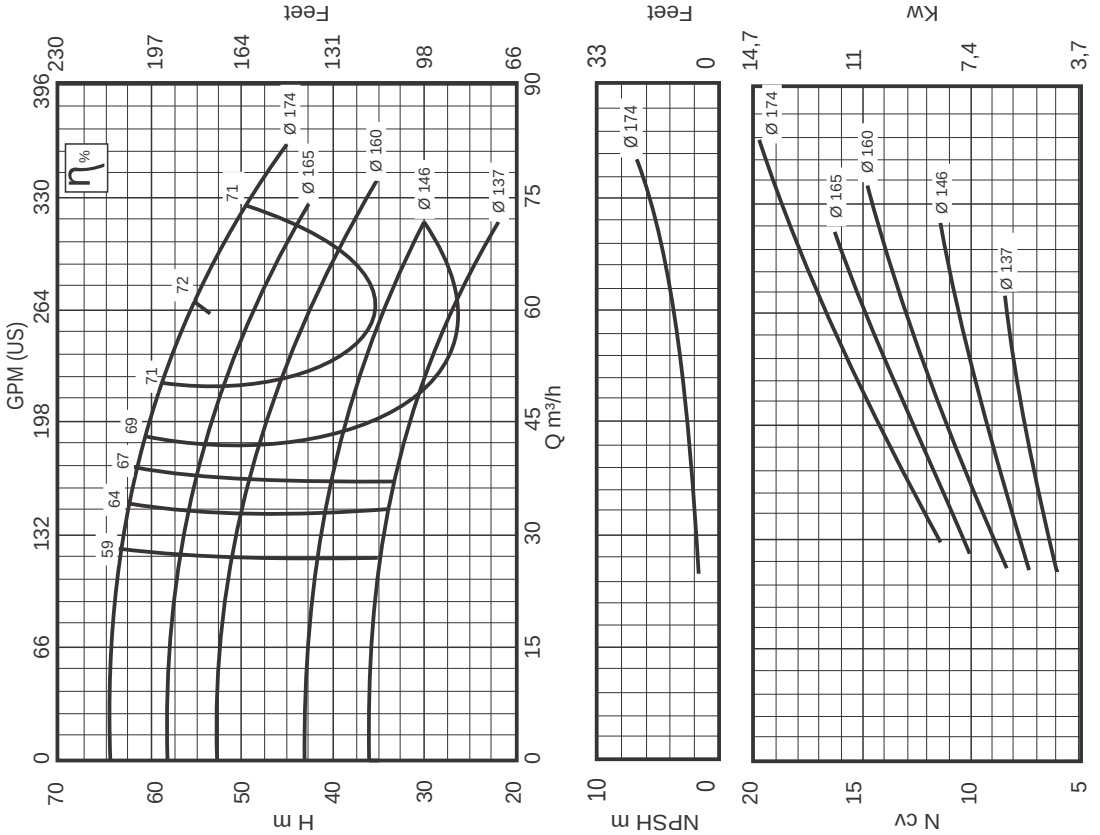
INI 32-250 — 3500 rpm



Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 260 mm
Impeller Ø Min. 213 mm
Impeller of Width 8 mm
Viscosity μ = 1cP

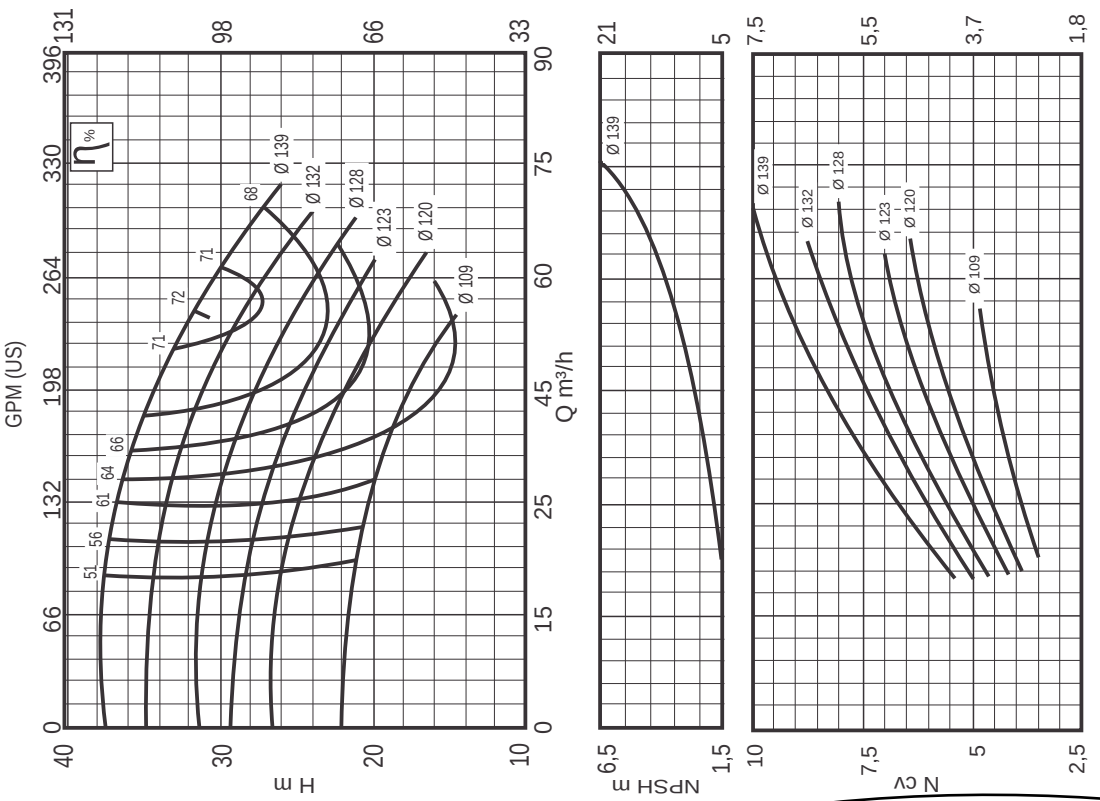
INI 40-160 — 3500 rpm



Impeller Ø Max. 174 mm
Impeller Ø Min. 137 mm
Impeller of Width 12 mm
Viscosity μ = 1cP

Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth γ= 1kgf/dm³

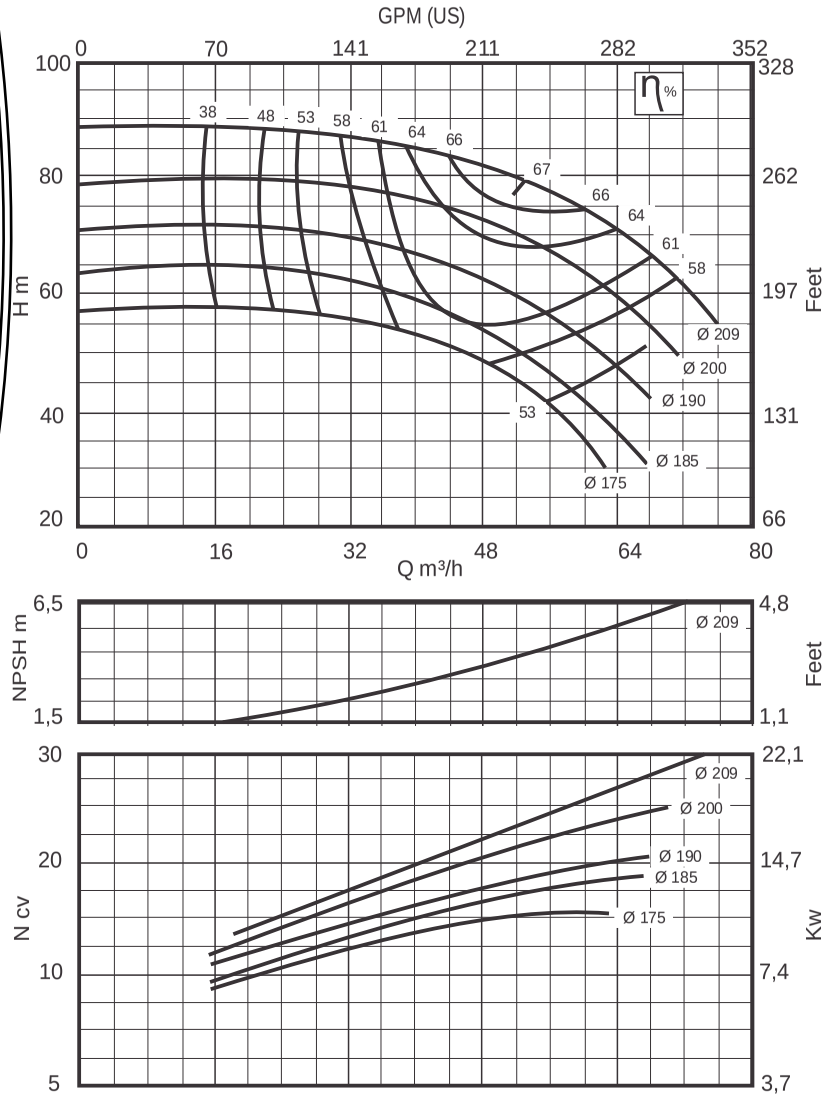
INI 40-125 — 3500 rpm



Impeller Ø Max. 139 mm
Impeller Ø Min. 109 mm
Impeller of Width 14 mm
Viscosity μ = 1cP

Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth γ= 1kgf/dm³

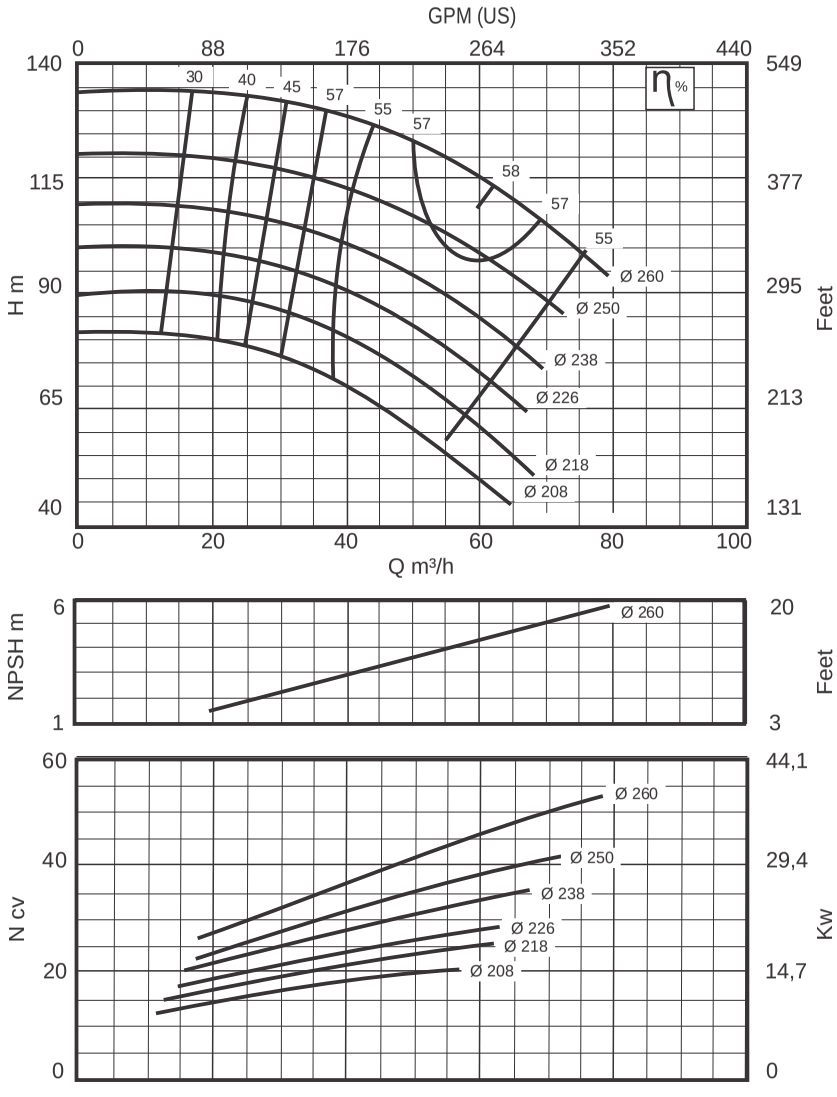
INI 40-200 — 3500 rpm



Impeller Ø Max. 209 mm
Impeller Ø Min. 175 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth y= 1kgf/dm³

INI 40-250 — 3500 rpm

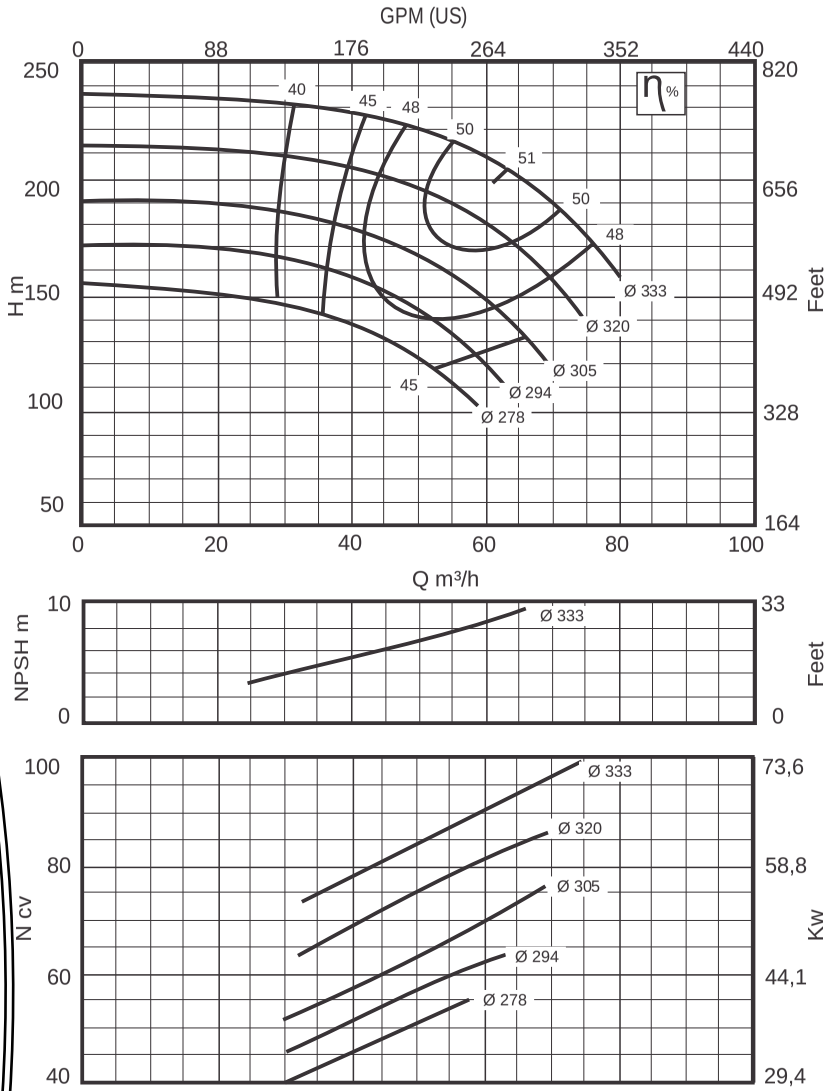


Impeller Ø Max. 260 mm
Impeller Ø Min. 208 mm
Impeller of Width 8 mm
Viscosity μ = 1cP

Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth y= 1kgf/dm³

IMBIL Pumping Solutions

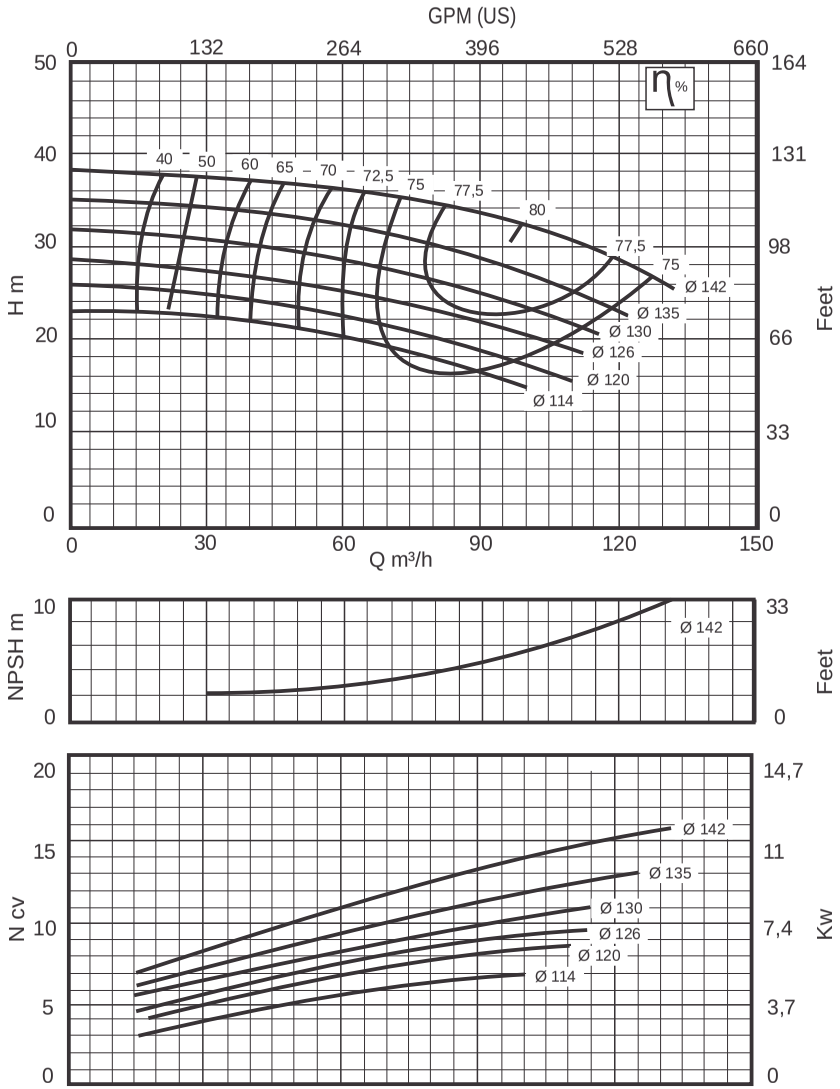
INI 40-315 — 3500 rpm



Impeller Ø Max. 333 mm
Impeller Ø Min. 278 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

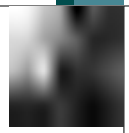
Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth y= 1kgf/dm³

INI 50-125 — 3500 rpm



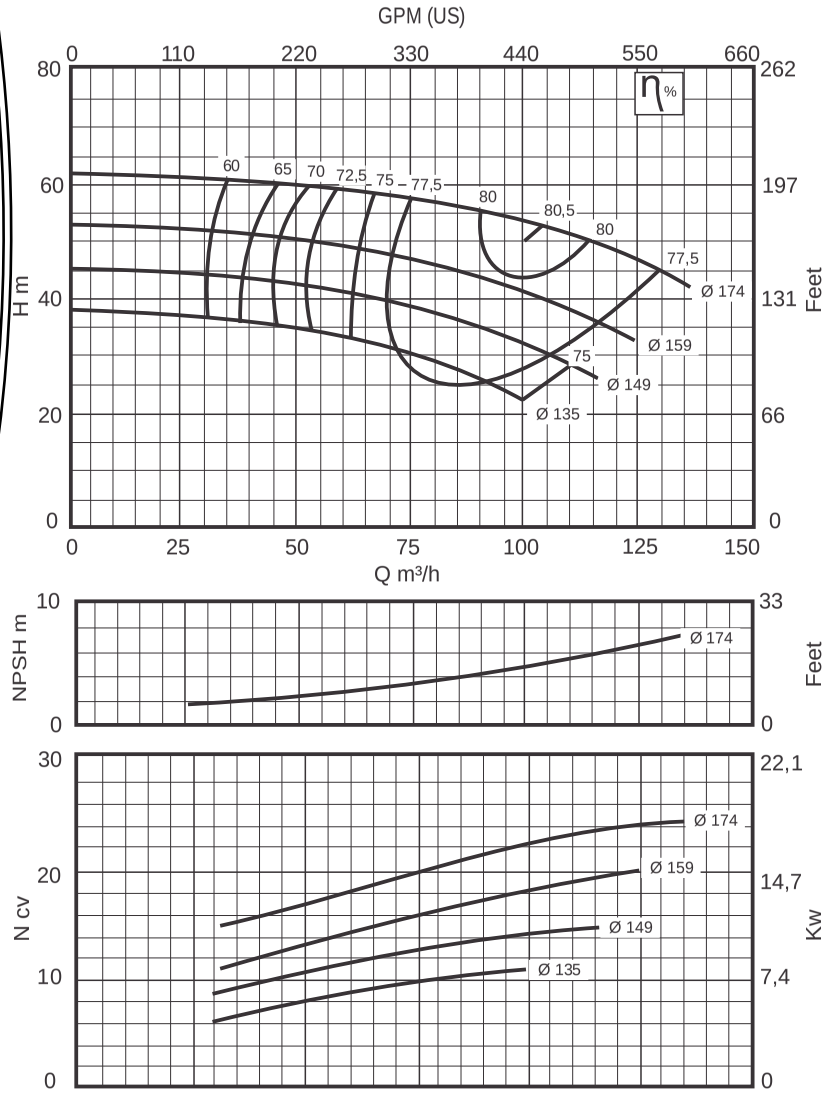
Impeller Ø Max. 142 mm
Impeller Ø Min. 114 mm
Impeller of Width 20 mm
Viscosity μ = 1cP

Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³



IMBIL Pumping Solutions

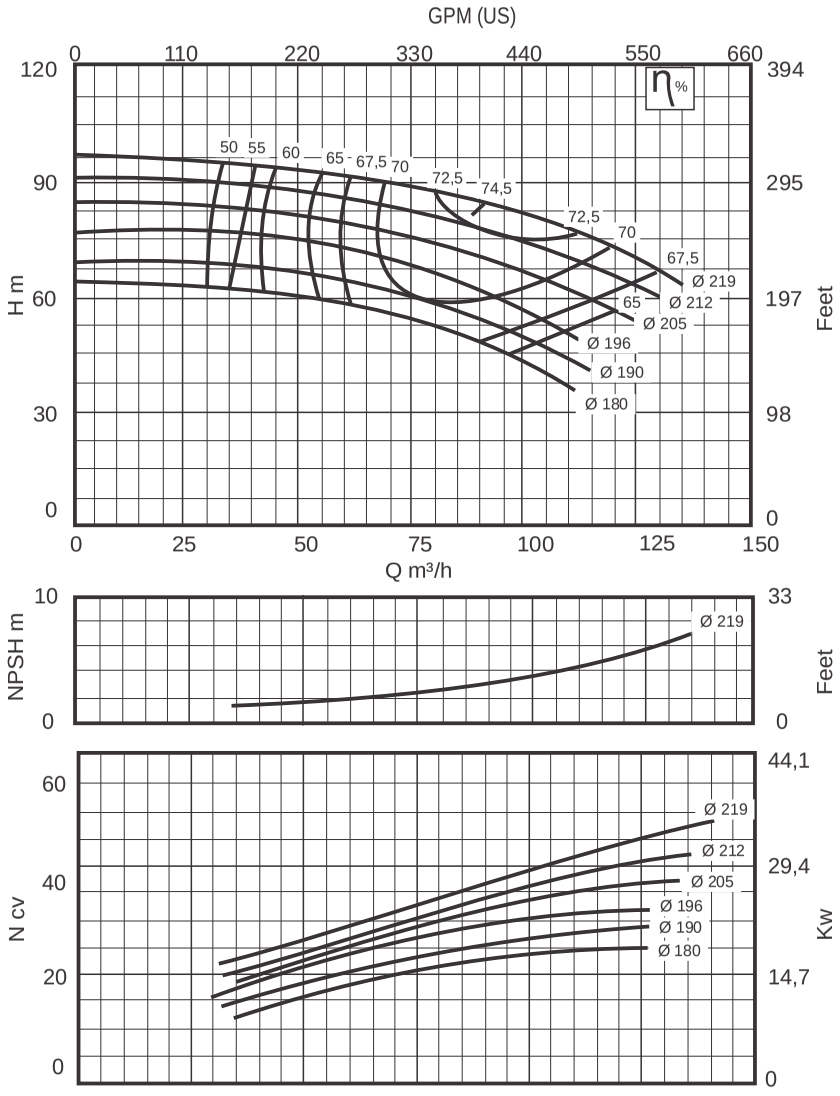
INI 50-160 — 3500 rpm



Impeller Ø Max. 174 mm
Impeller Ø Min. 135 mm
Impeller of Width 16 mm
Viscosity μ = 1cP

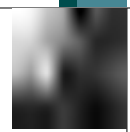
Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³

INI 50-200 — 3500 rpm



Impeller Ø Max. 219 mm
Impeller Ø Min. 180 mm
Impeller of Width 11 mm
Viscosity μ = 1cP

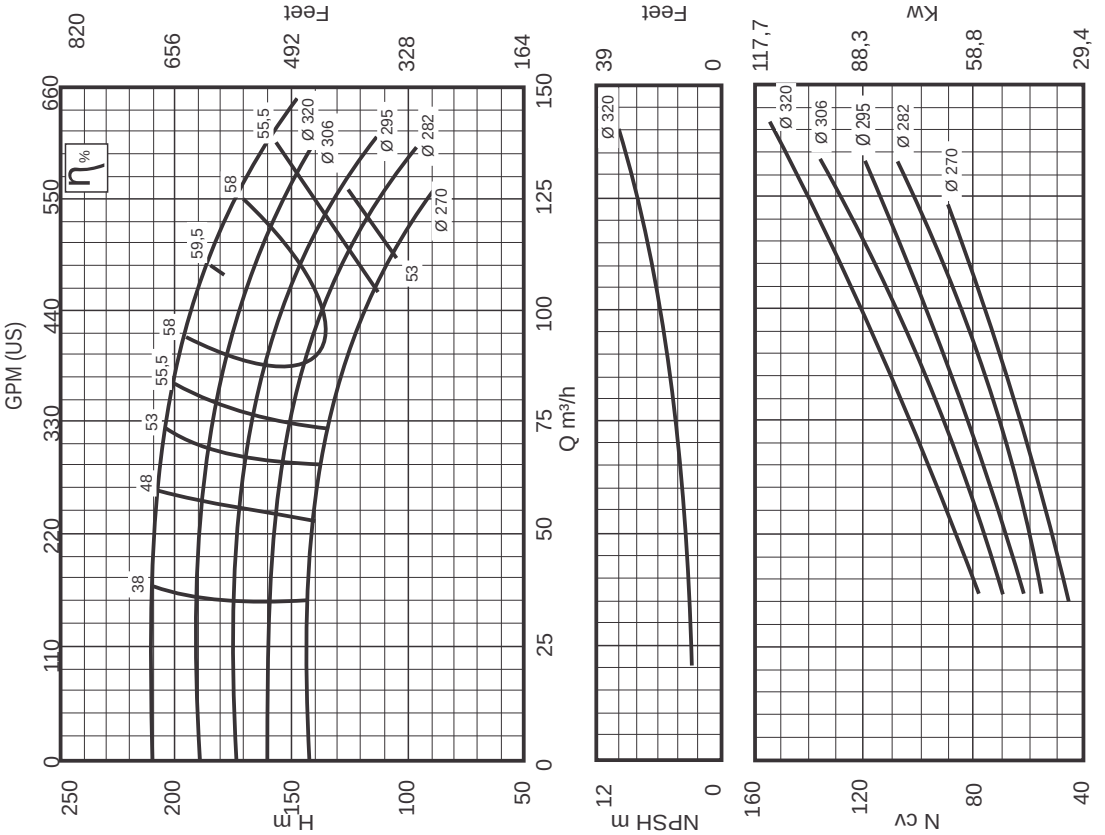
Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³



IMBIL Pumping Solutions

IMBIL Pumping Solutions

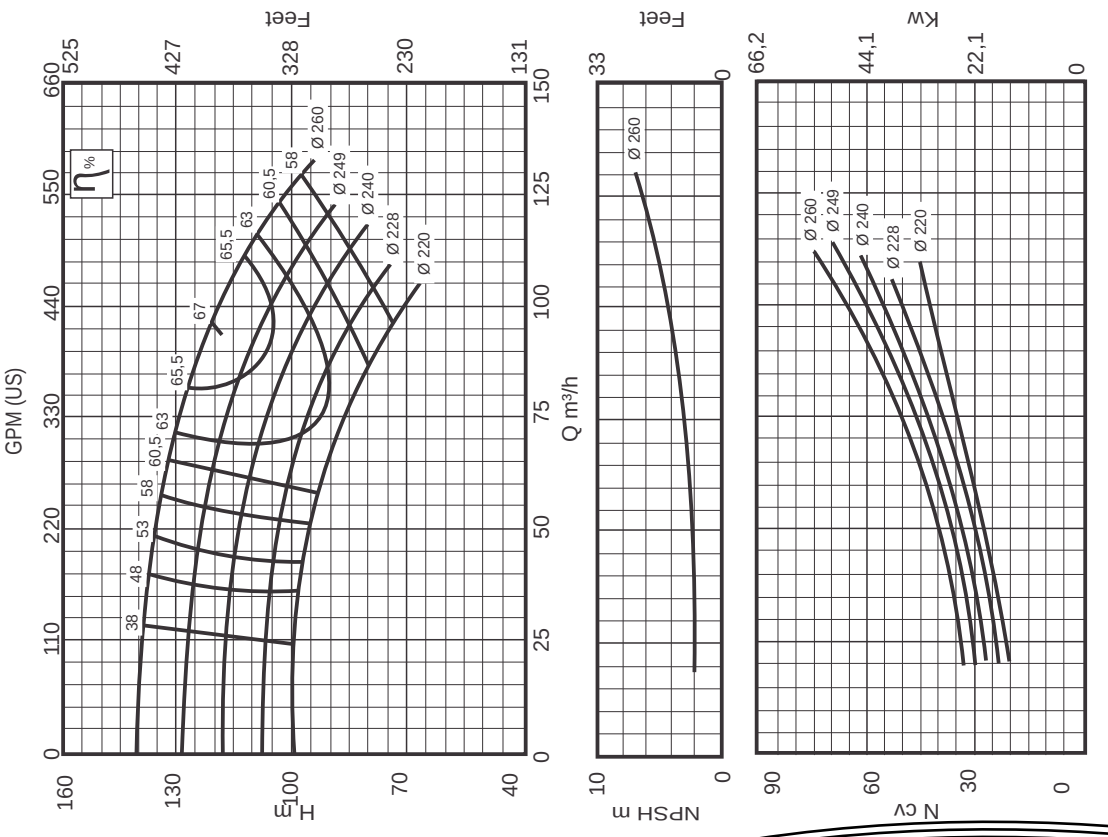
INI 50-315 — 3500 rpm



Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 320 mm
Impeller Ø Min. 270 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

INI 50-250 — 3500 rpm

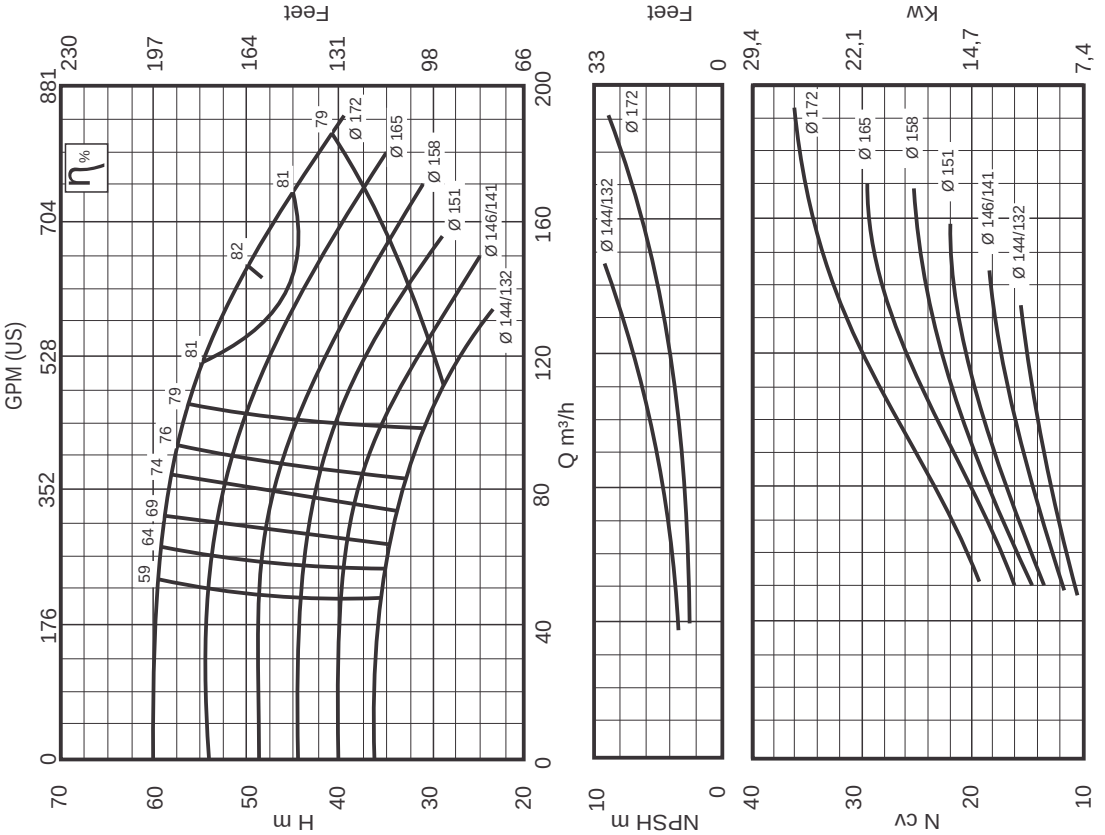


Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 260 mm
Impeller Ø Min. 220 mm
Impeller of Width 12 mm
Viscosity μ = 1cP

IMBIL Pumping Solutions

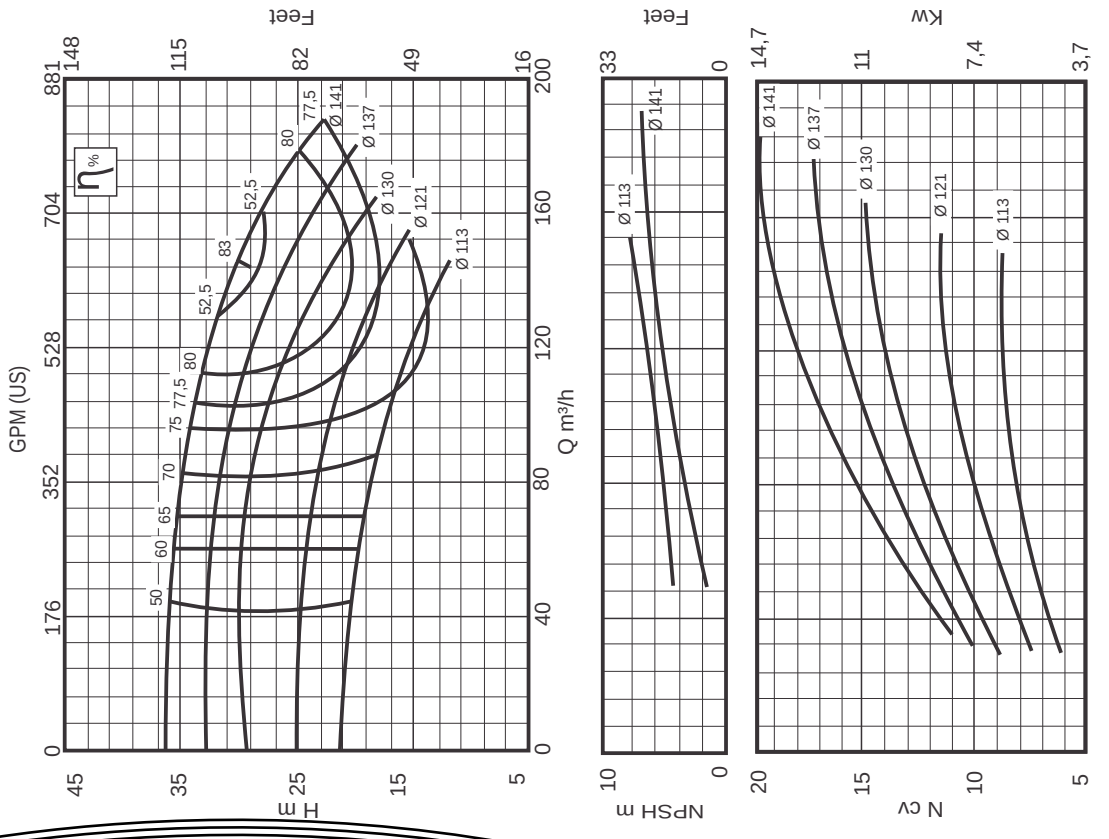
INI 65-160 — 3500 rpm



Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 172 mm
Impeller Ø Min. 144/132 mm
Impeller of Width 21 mm
Viscosity μ = 1cP

INI 65-125 — 3500 rpm

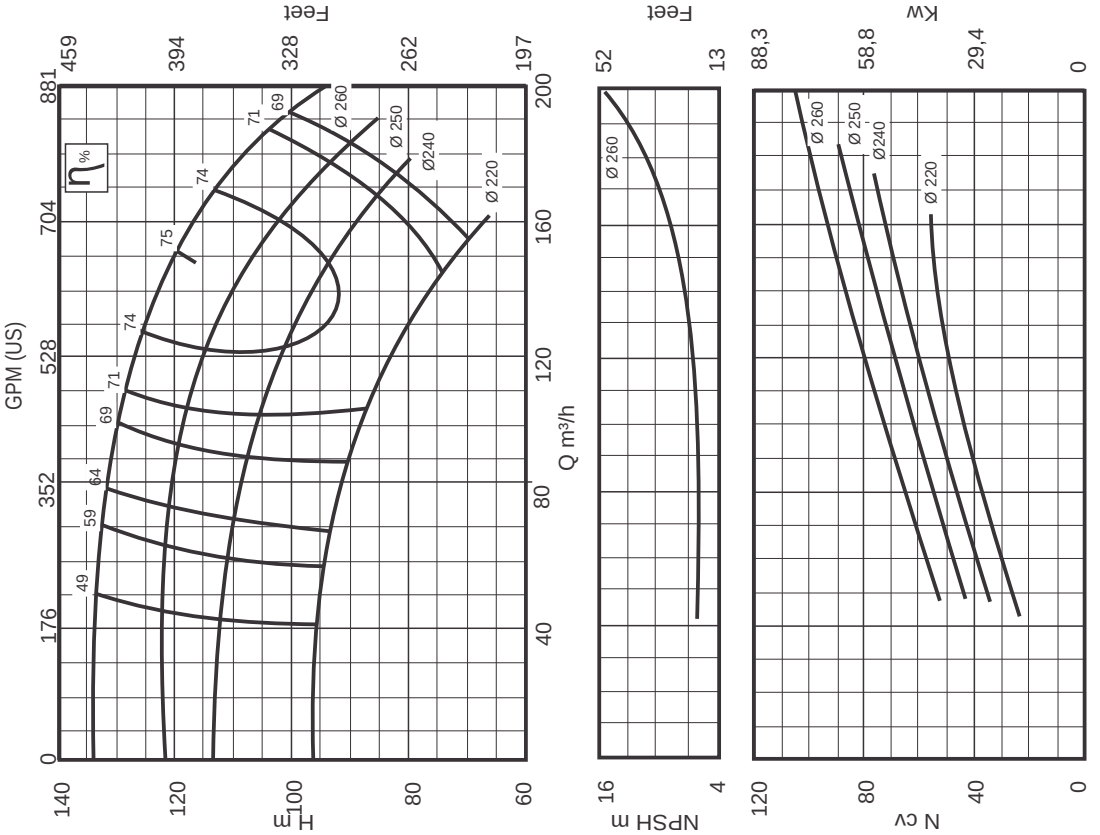


Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 141mm
Impeller Ø Min. 113 mm
Impeller of Width 25 mm
Viscosity μ = 1cP

IMBIL Pumping Solutions

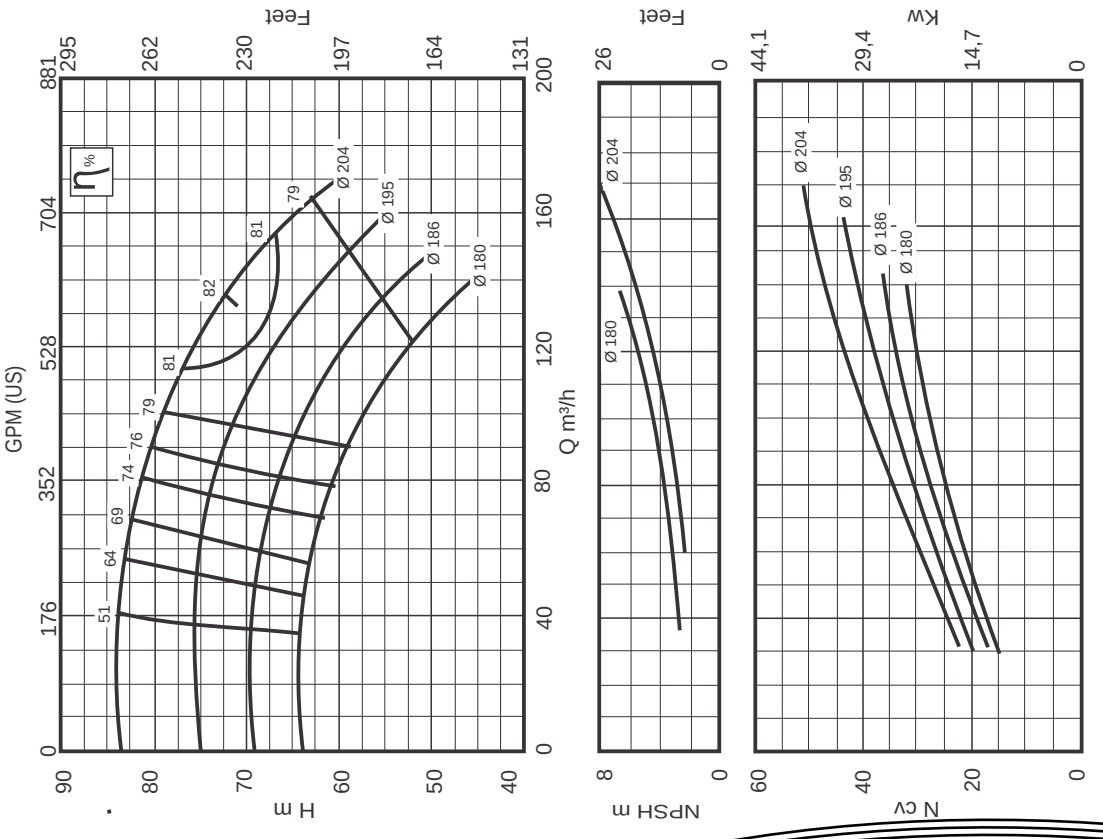
INI 65-250 — 3500 rpm



Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 260 mm
Impeller Ø Min. 220 mm
Impeller of Width 13 mm
Viscosity μ = 1cP

INI 65-200 — 3500 rpm

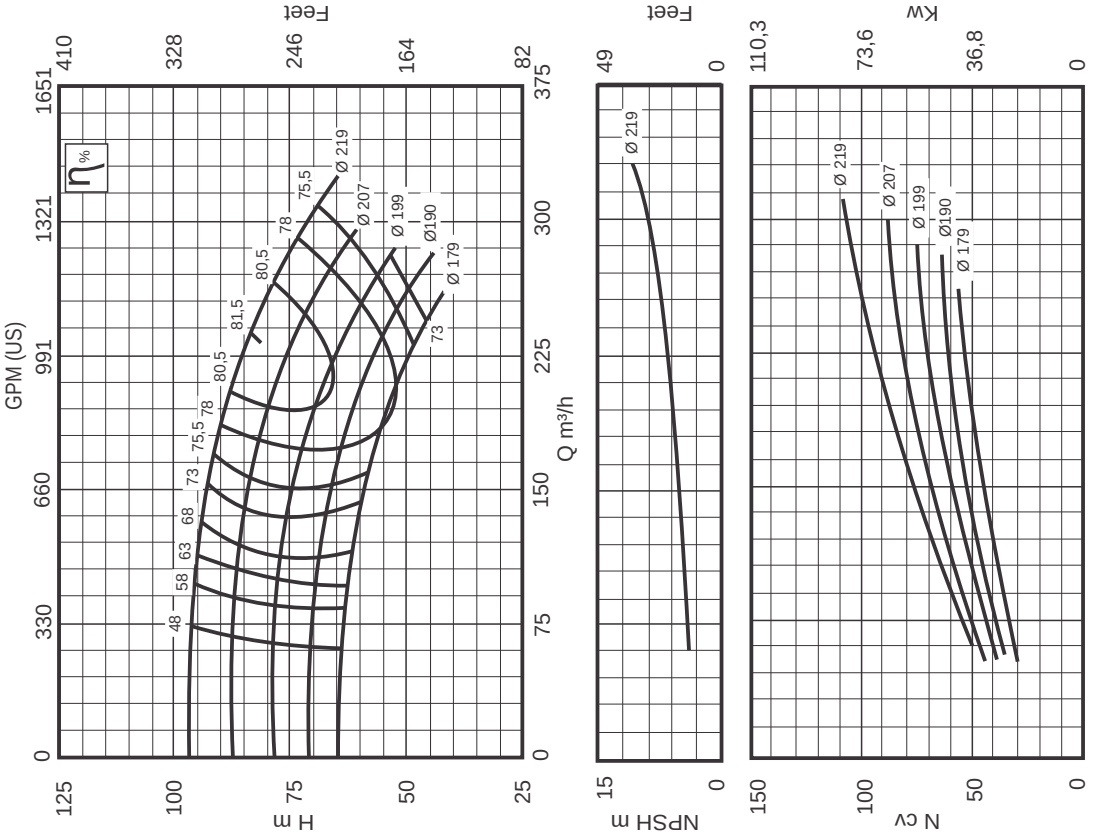


Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 204 mm
Impeller Ø Min. 180 mm
Impeller of Width 17 mm
Viscosity μ = 1cP

IMBIL Pumping Solutions

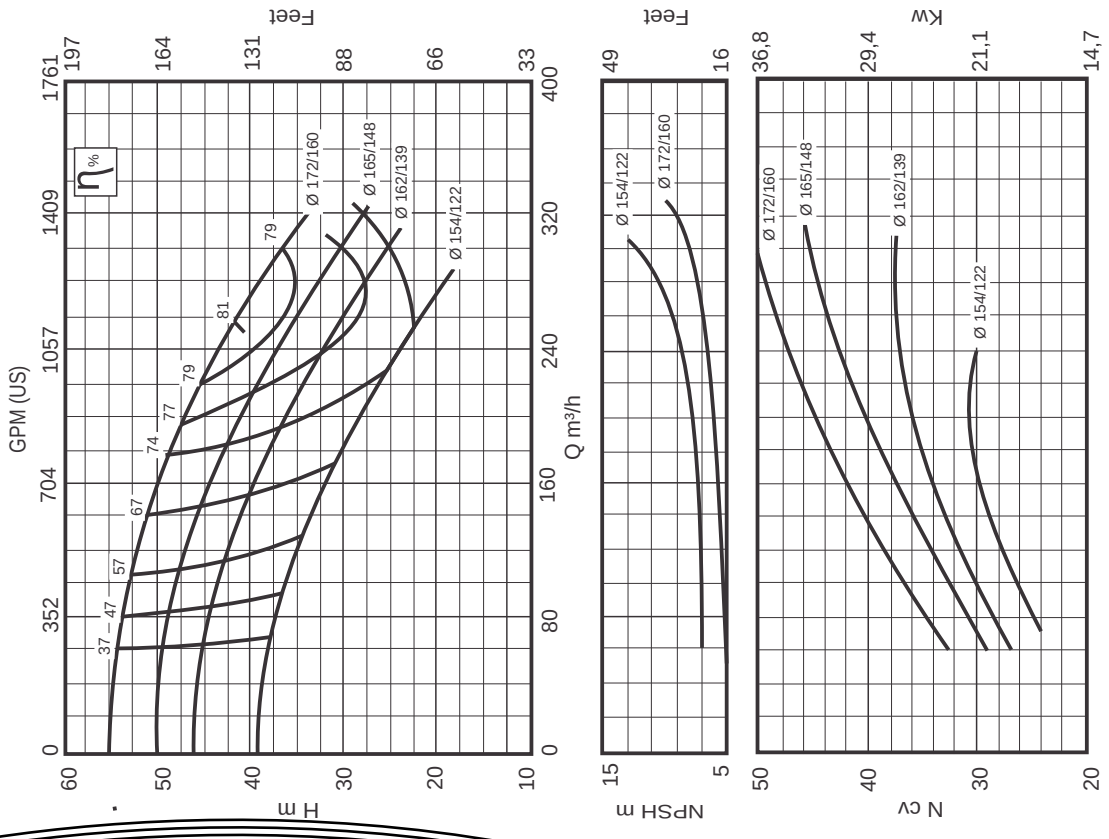
INI 80-200 — 3500 rpm



Impeller Ø Max. 219 mm
Impeller Ø Min. 179 mm
Impeller of Width 23 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth y= 1kgf/dm³

INI 80-160 — 3500 rpm

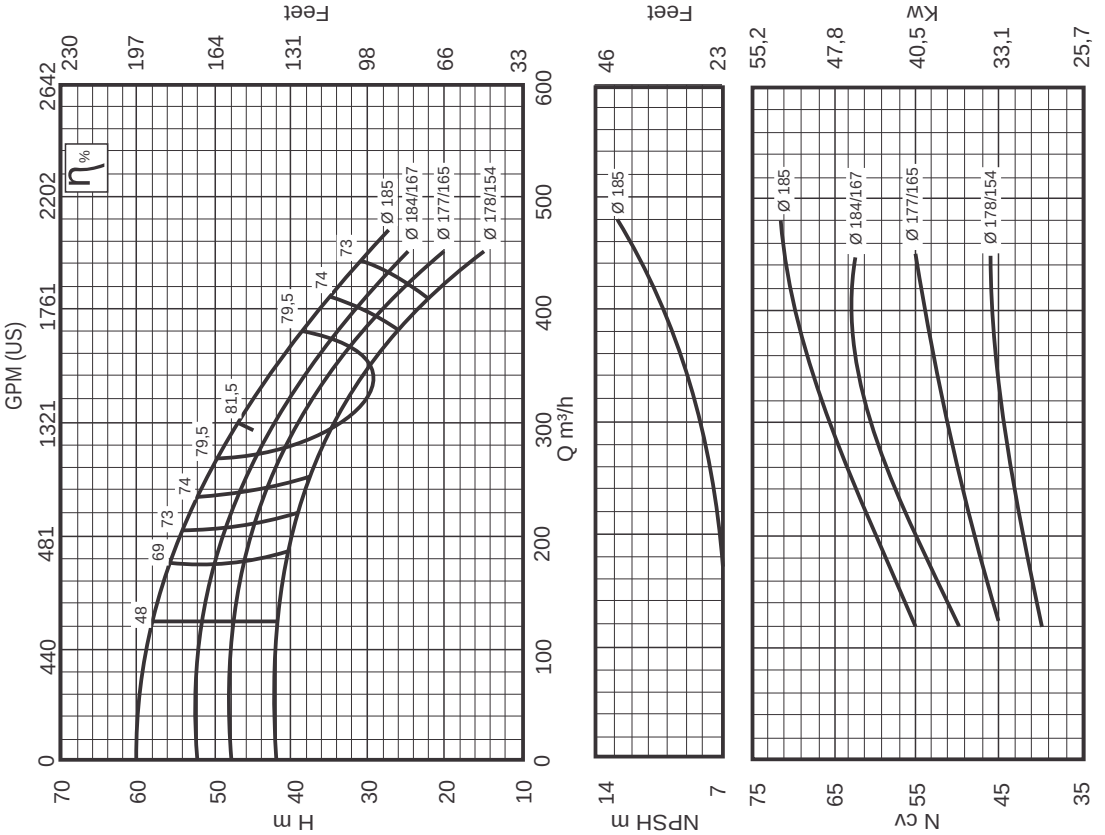


Impeller Ø Max. 172/160 mm
Impeller Ø Min. 154/122 mm
Impeller of Width 31 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth y= 1kgf/dm³

IMBIL Pumping Solutions

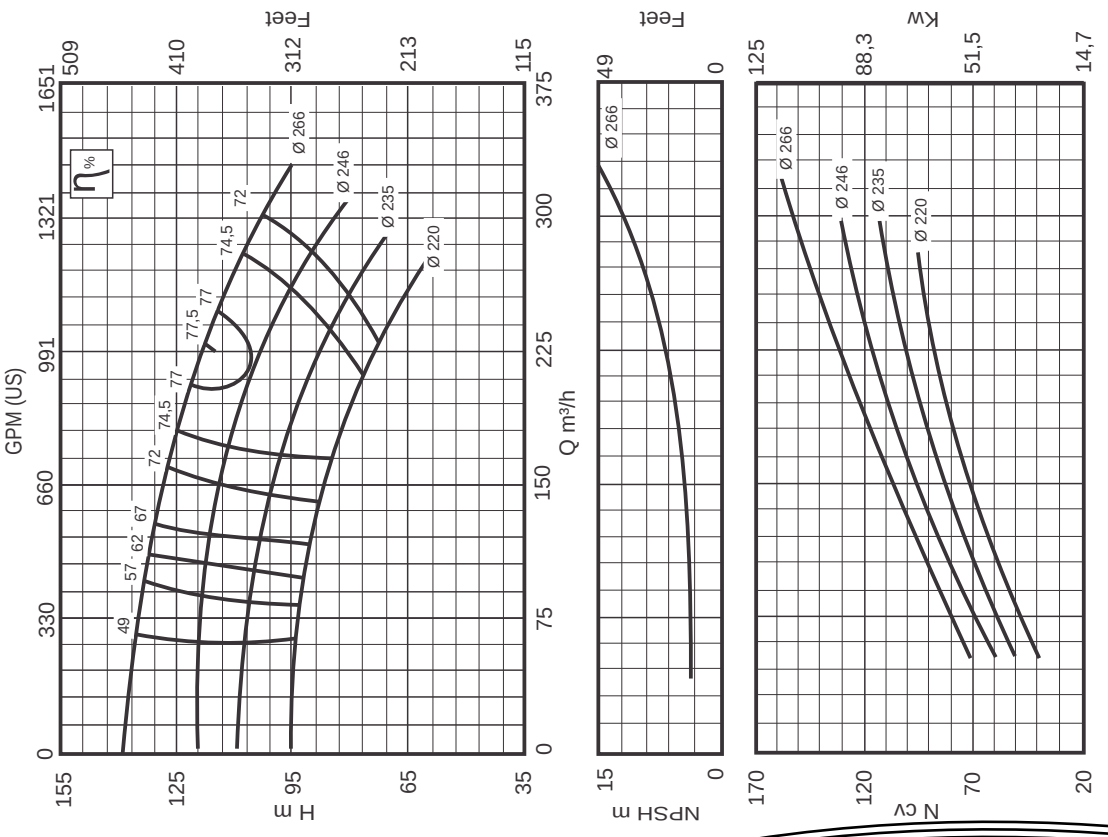
INI 100-160 — 3500 rpm



Suction Flange 125 mm
Pressure Flange 100 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 185 mm
Impeller Ø Min. 178/154 mm
Impeller of Width 36 mm
Viscosity μ = 1cP

INI 80-250 — 3500 rpm

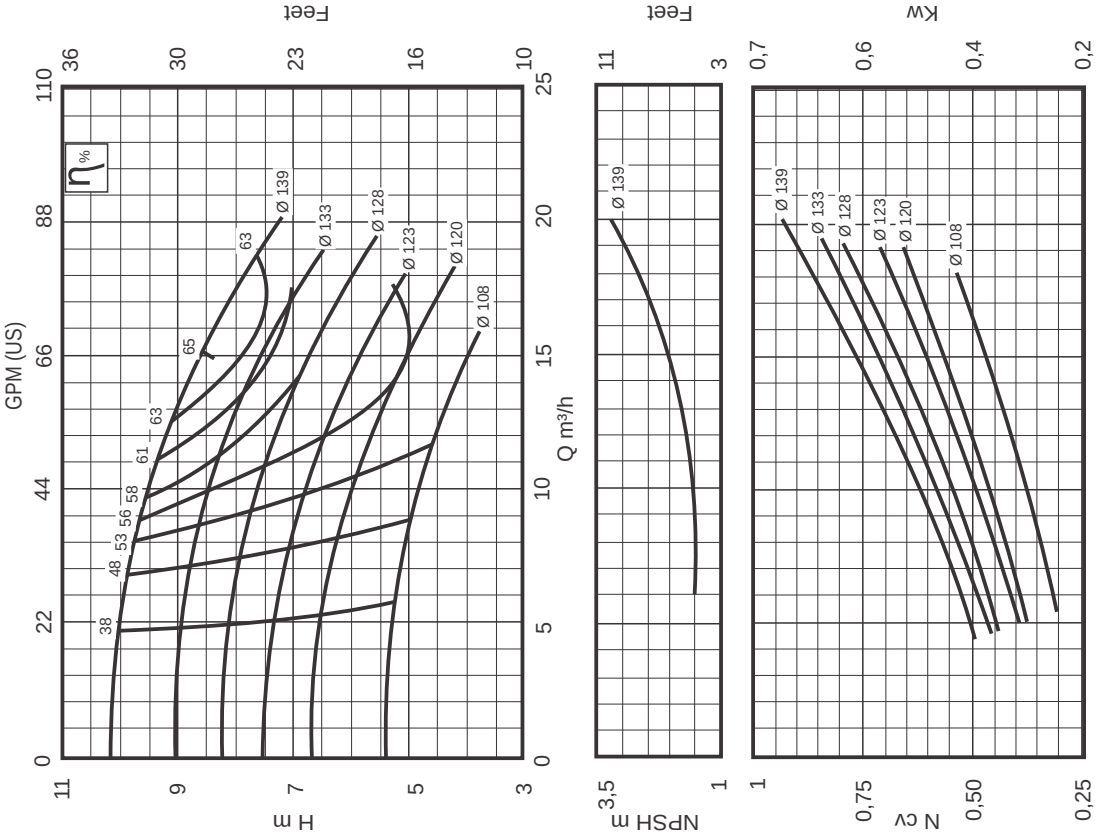


Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 266 mm
Impeller Ø Min. 220 mm
Impeller of Width 19 mm
Viscosity μ = 1cP

IMBIL Pumping Solutions

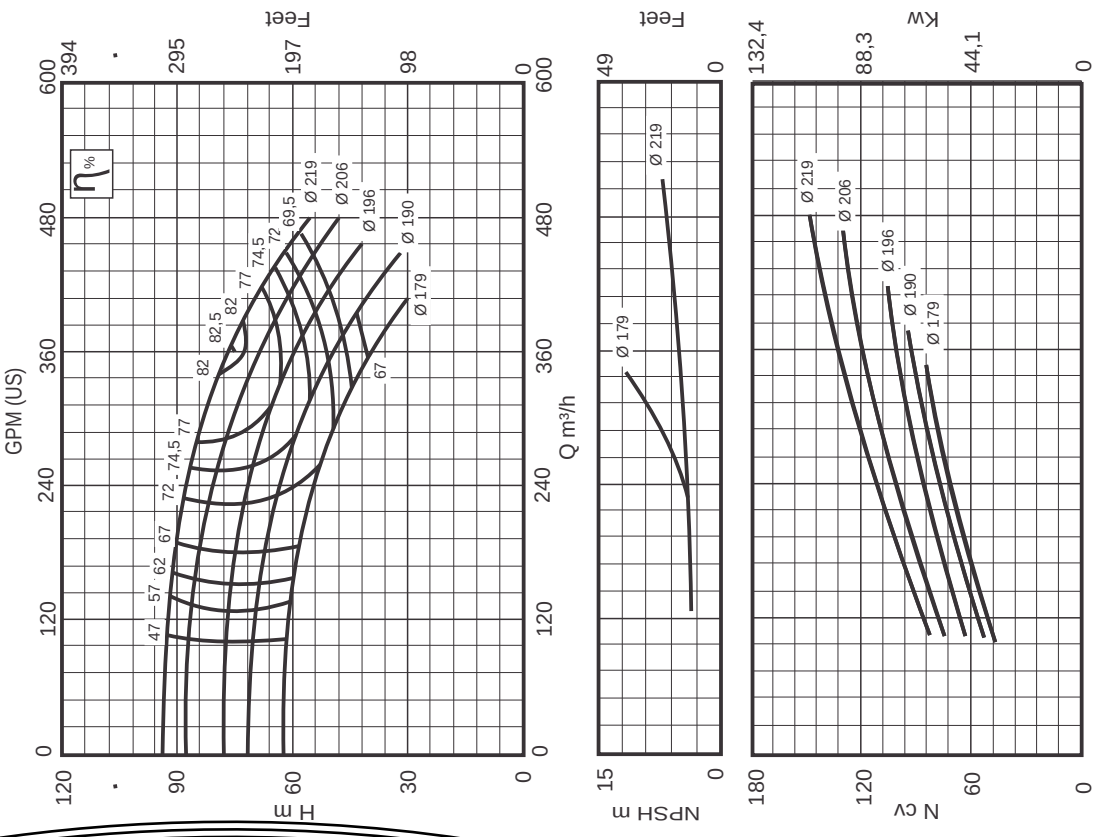
INI 32-125 — 1750 rpm



Suction Flange 50mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 139 mm
Impeller Ø Min. 108 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

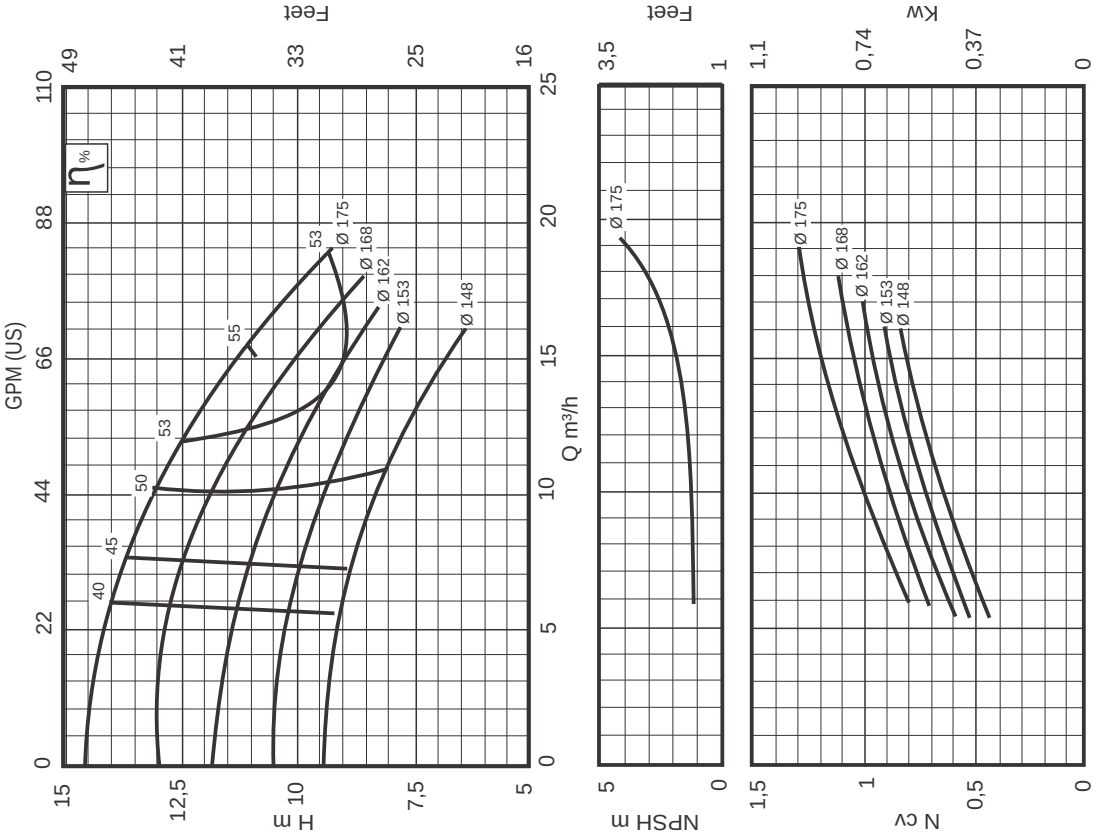
INI 100-200 — 3500 rpm



Suction Flange 125 mm
Pressure Flange 100 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 219 mm
Impeller Ø Min. 179 mm
Impeller of Width 32 mm
Viscosity μ = 1cP

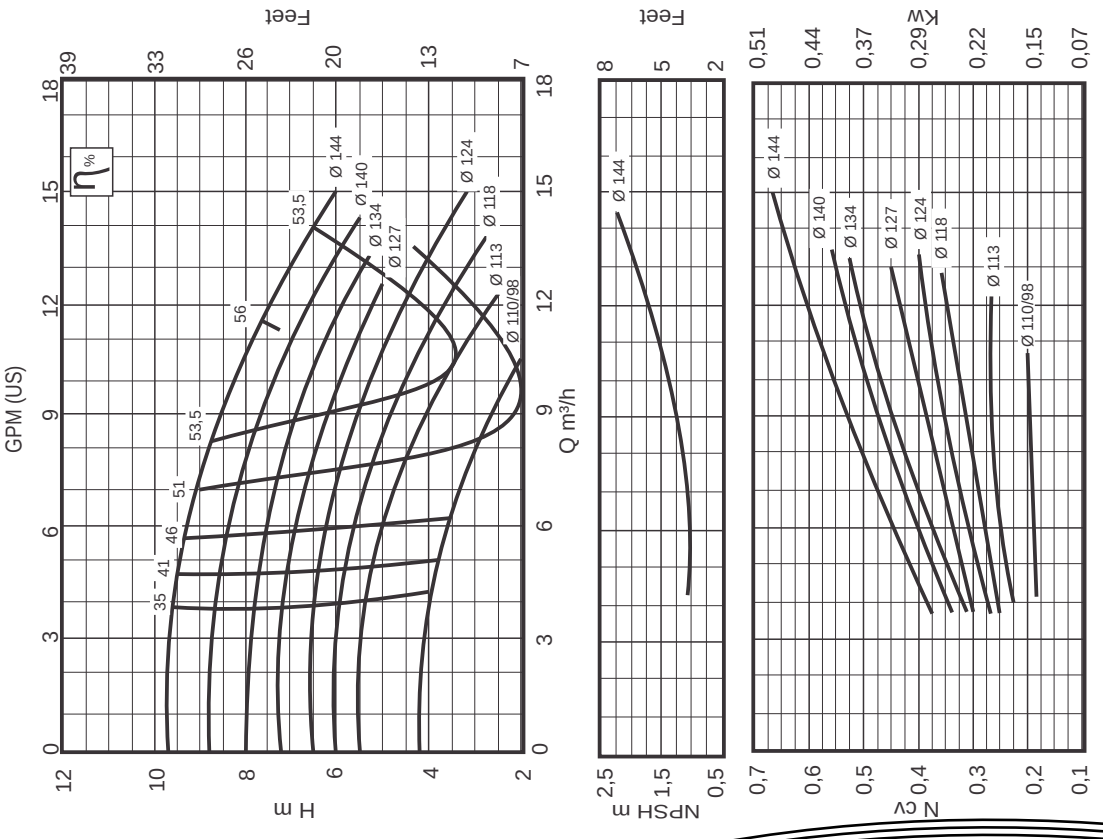
INI 32-160 — 1750rpm



Impeller Ø Max. 176 mm
Impeller Ø Min. 148 mm
Impeller of Width 5 mm
Viscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth γ= 1kgf/dm³

INI 32-125.1 — 1750 rpm

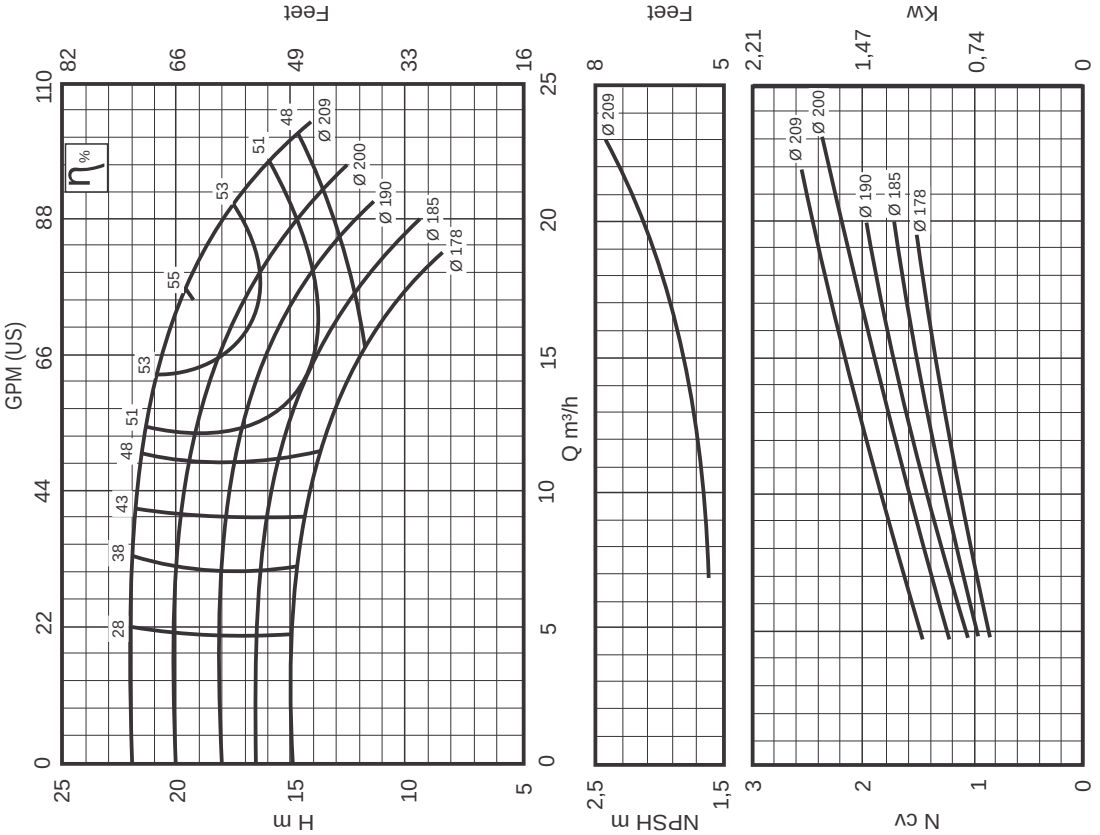


Impeller Ø Max. 144 mm
Impeller Ø Min. 110/98 mm
Viscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth γ= 1kgf/dm³

IMBIL Pumping Solutions

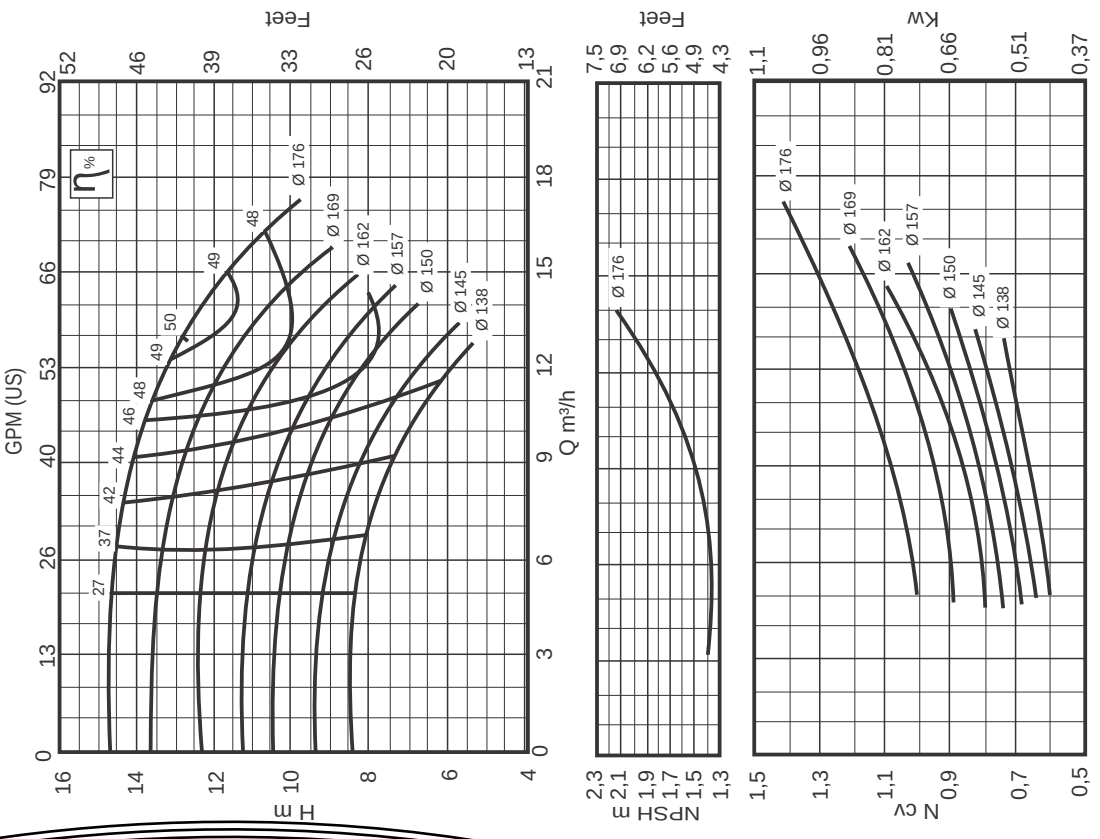
INI 32-200 — 1750 rpm



Impeller Ø Max. 209 mm
Impeller Ø Min. 178 mm
Impeller of Width 6 mm
Viscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

INI 32-160.1 — 1750rpm

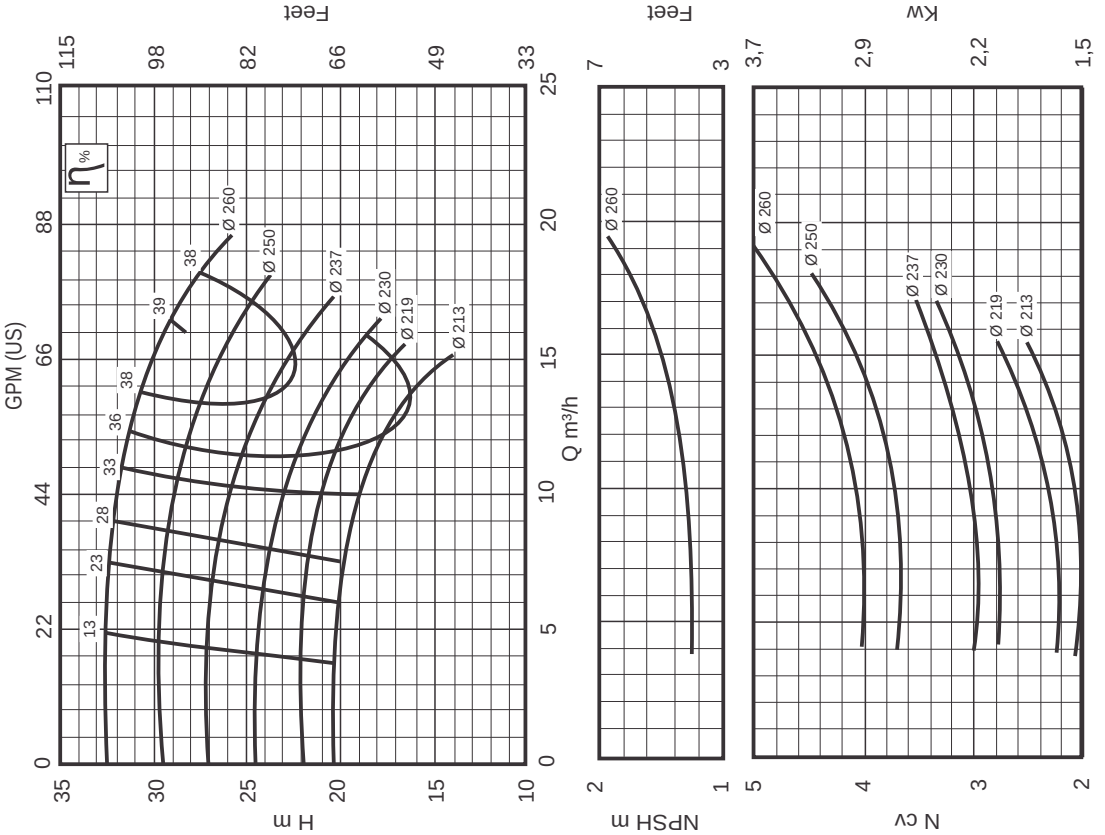


Impeller Ø Max. 176 mm
Impeller Ø Min. 138 mm
IViscosity μ = 1cP

Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

IMBIL Pumping Solutions

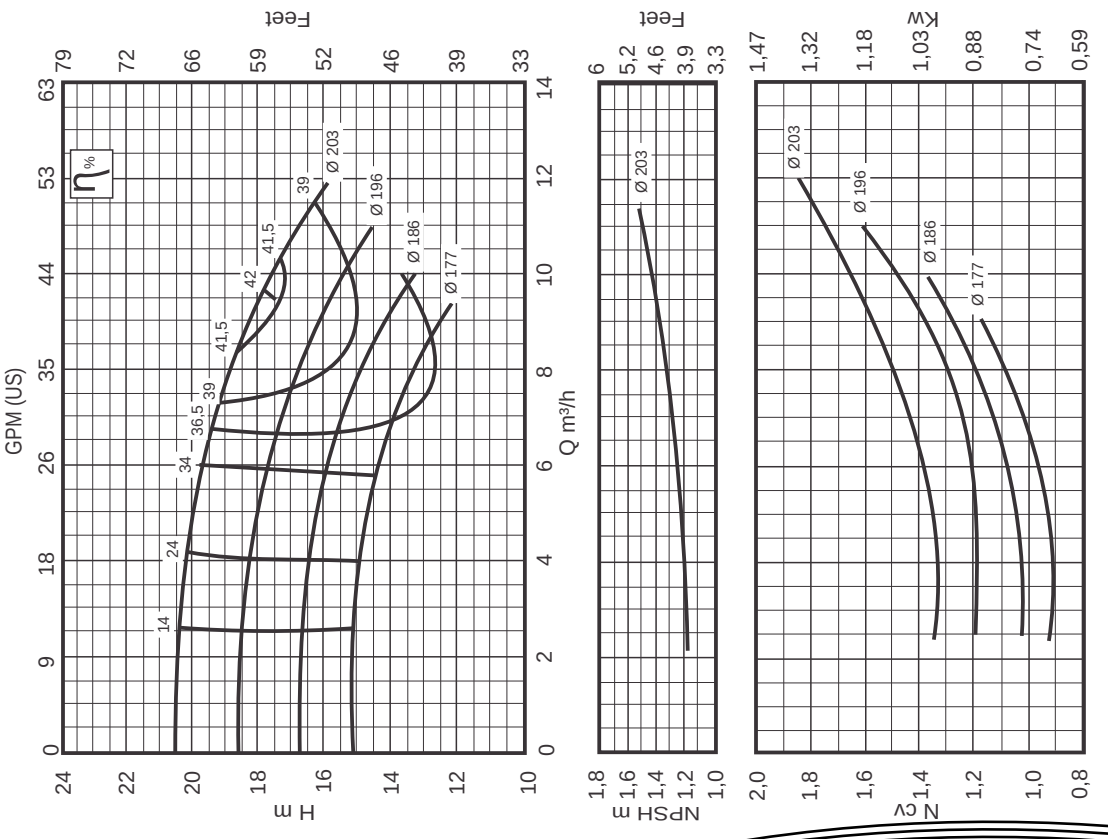
INI 32-250 1750rpm



Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 260 mm
Impeller Ø Min. 213 mm
Impeller of Width 8 mm
Viscosity μ = 1cP

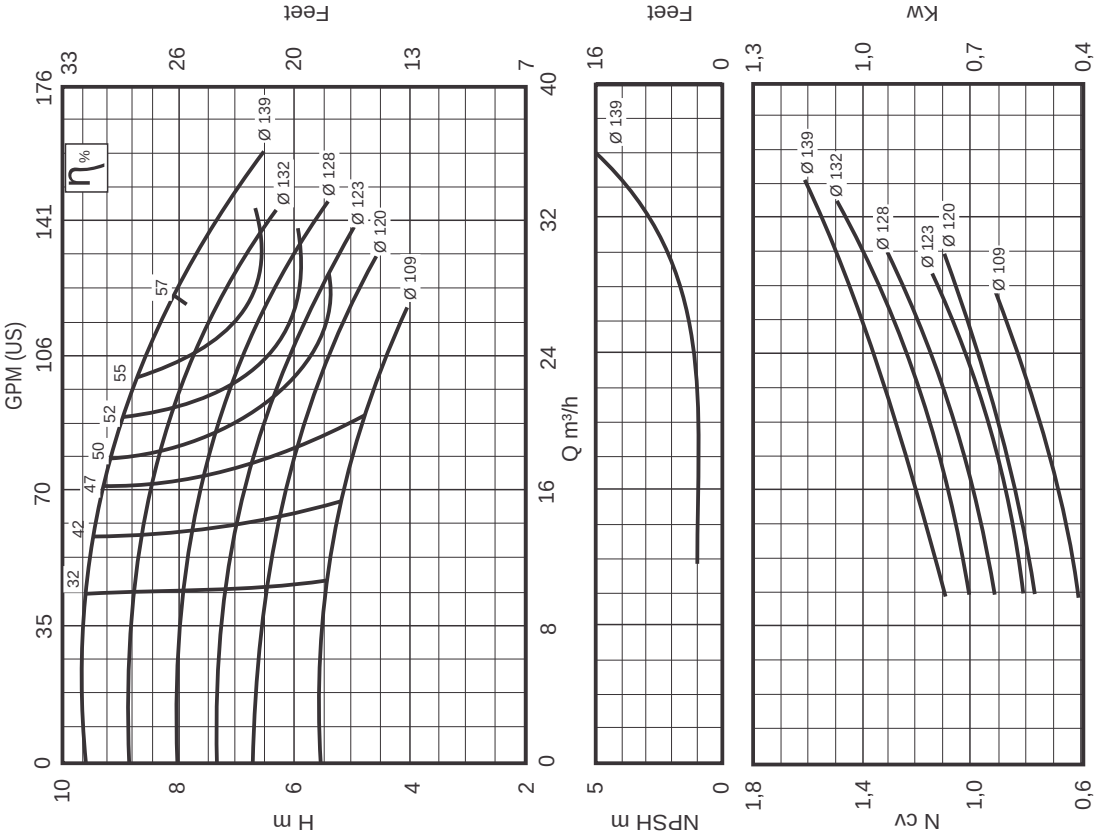
INI 32-200.1 1750rpm



Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 203 mm
Impeller Ø Min. 177 mm
Viscosity u = 1cP

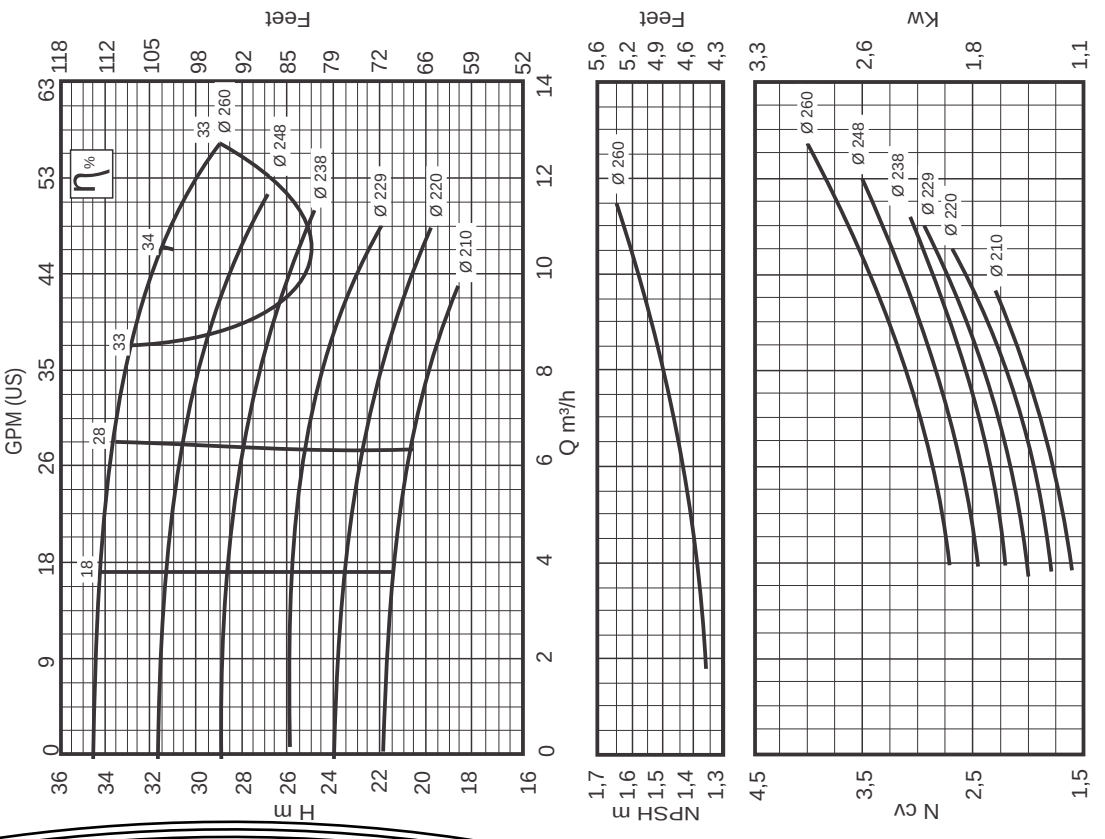
INI 40-125 — 1750 rpm



Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 139 mm
Impeller Ø Min. 109 mm
Impeller of Width 14 mm
Viscosity μ = 1cP

INI 32-250.1 — 1750rpm

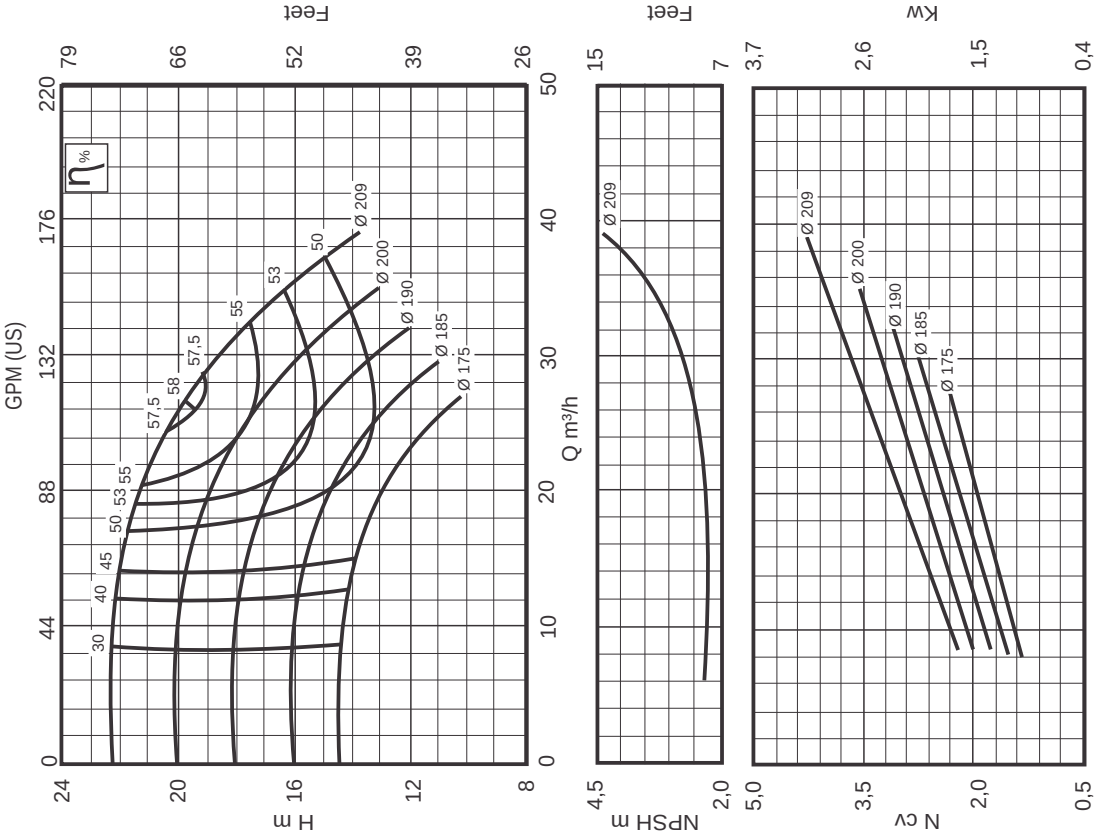


Suction Flange 50 mm
Pressure Flange 32 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 260 mm
Impeller Ø Min. 210 mm
Viscosity u = 1cP

IMBIL Pumping Solutions

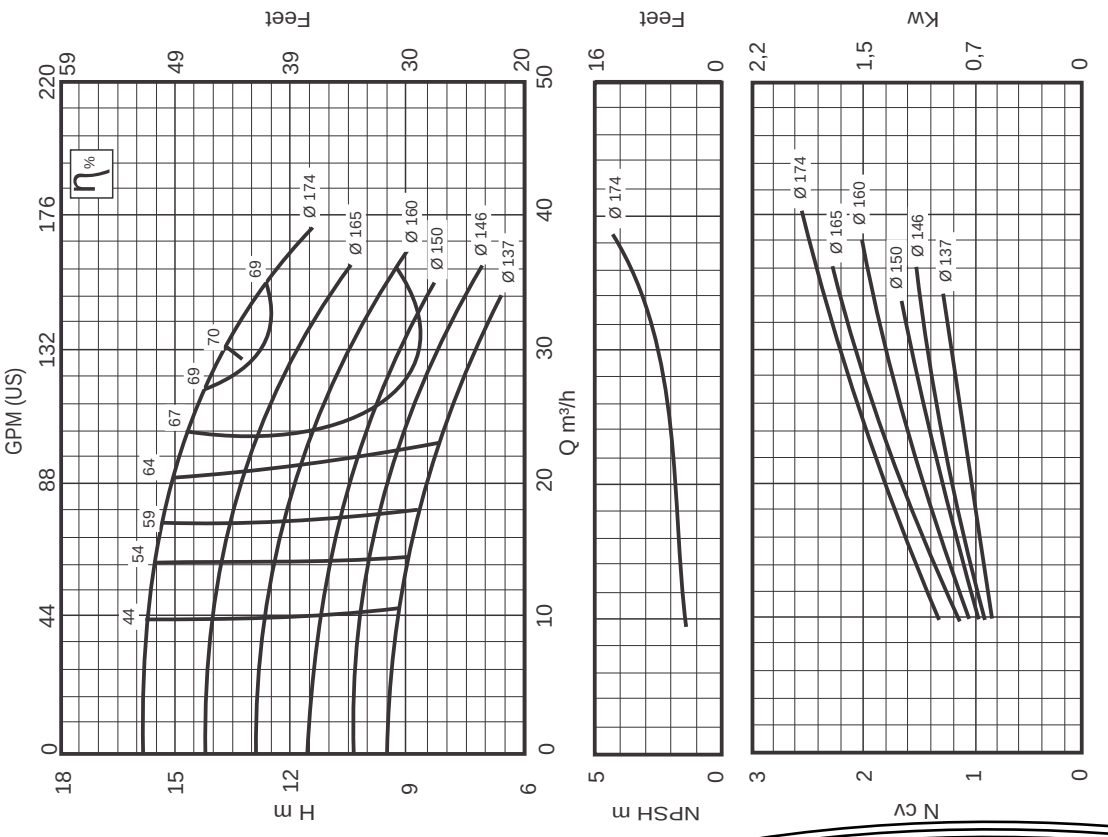
INI 40-200 — 1750 rpm



Impeller Ø Max. 209 mm
Impeller Ø Min. 175 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth γ= 1kgf/dm³

INI 40-160 — 1750 rpm

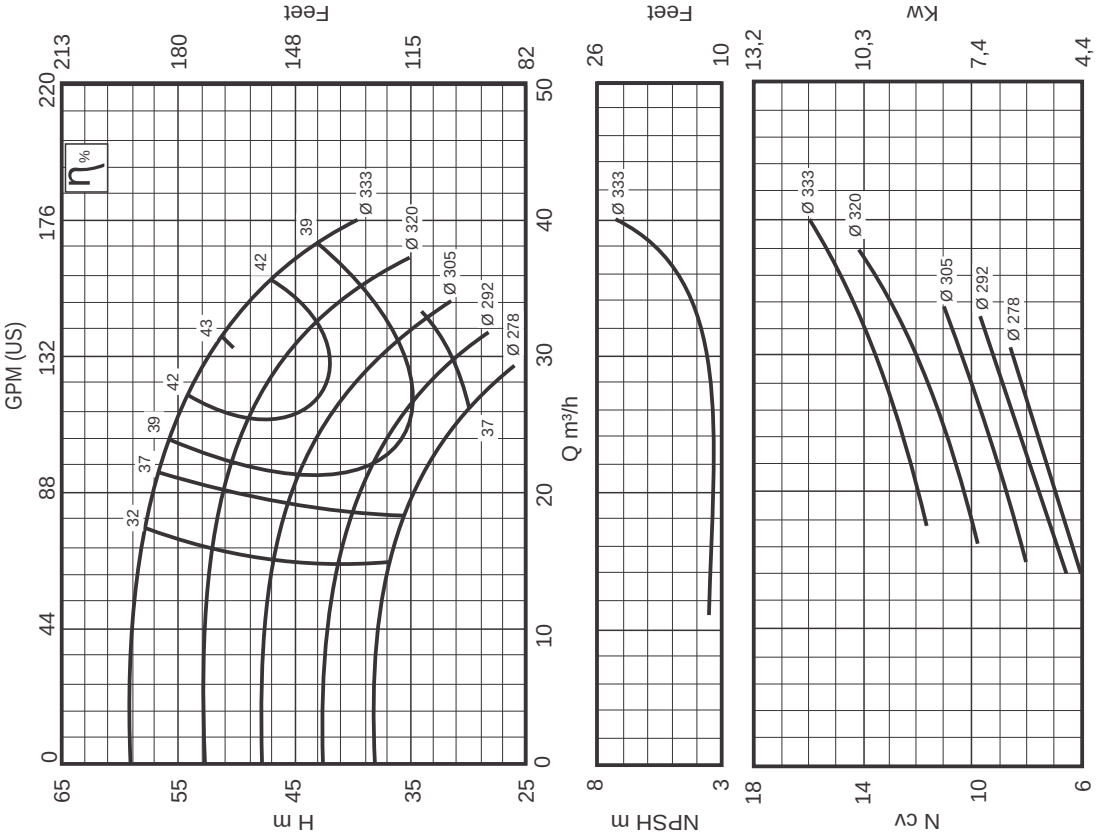


Impeller Ø Max. 174 mm
Impeller Ø Min. 137 mm
Impeller of Width 12 mm
Viscosity μ = 1cP

Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth γ= 1kgf/dm³

IMBIL Pumping Solutions

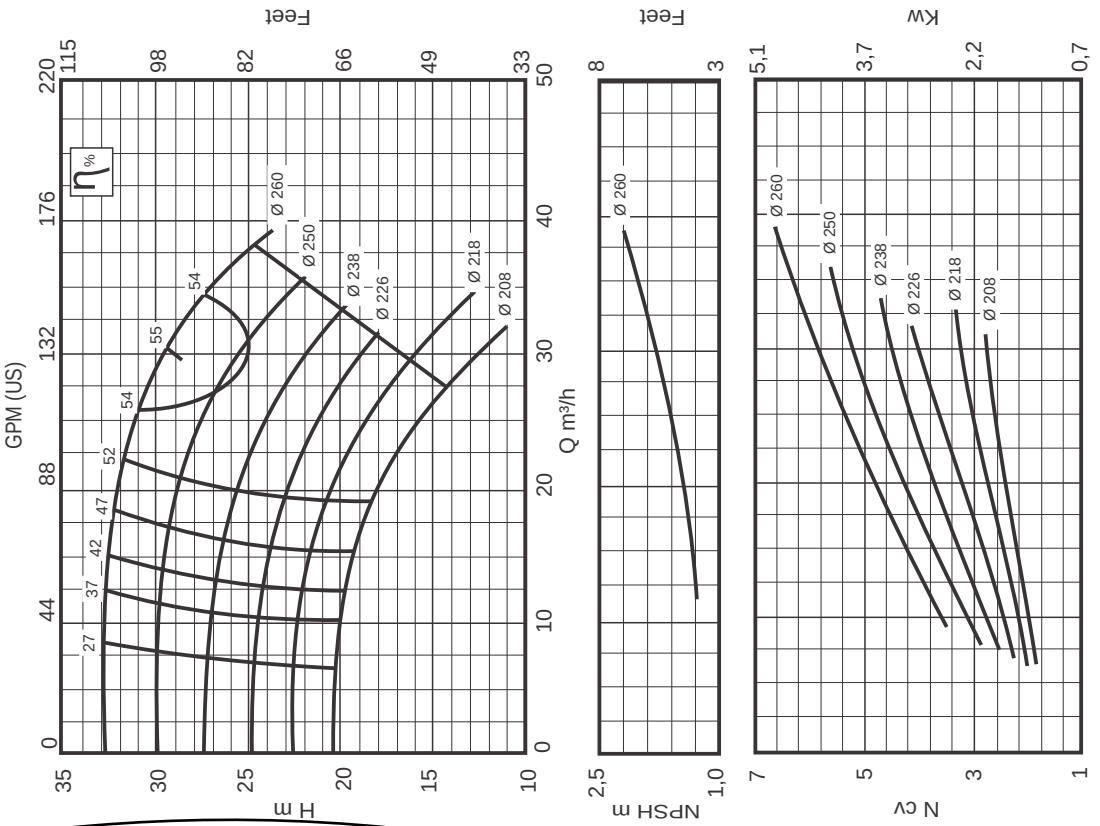
INI 40-315 — 1750 rpm



Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 333 mm
Impeller Ø Min. 278 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

INI 40-250 — 1750 rpm

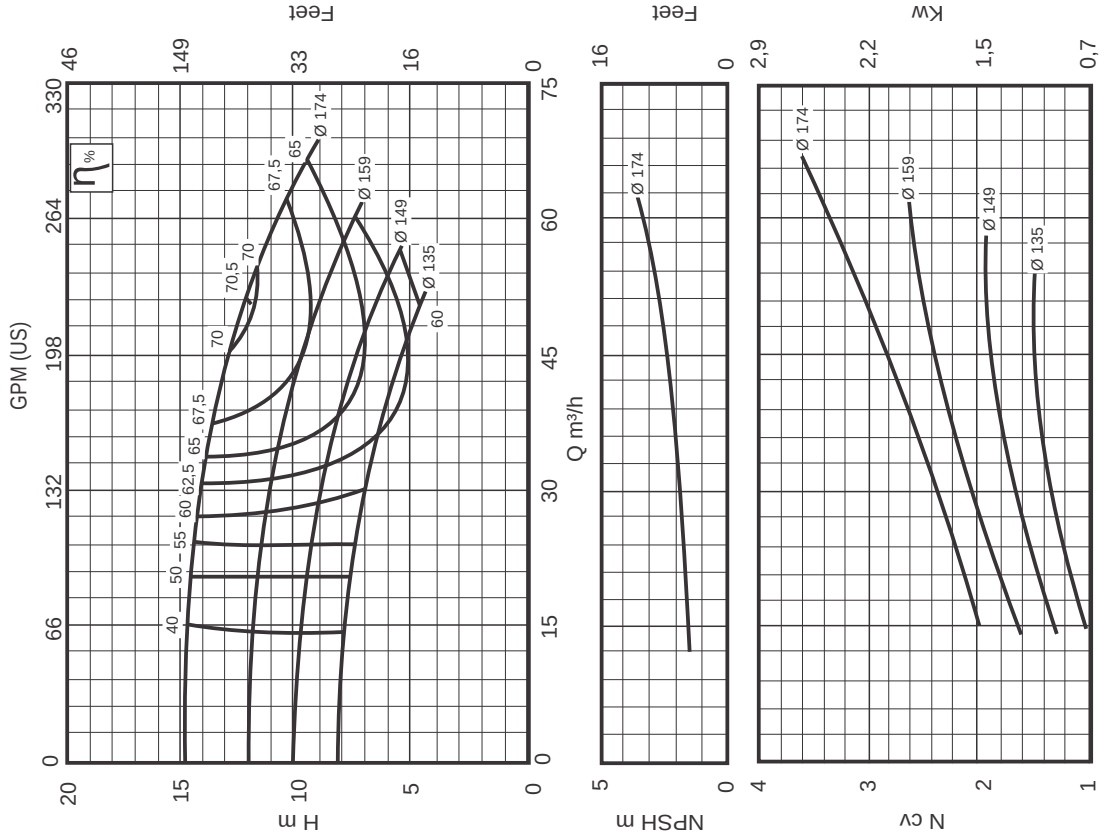


Suction Flange 65 mm
Pressure Flange 40 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 260 mm
Impeller Ø Min. 208 mm
Impeller of Width 8 mm
Viscosity μ = 1cP

IMBIL Pumping Solutions

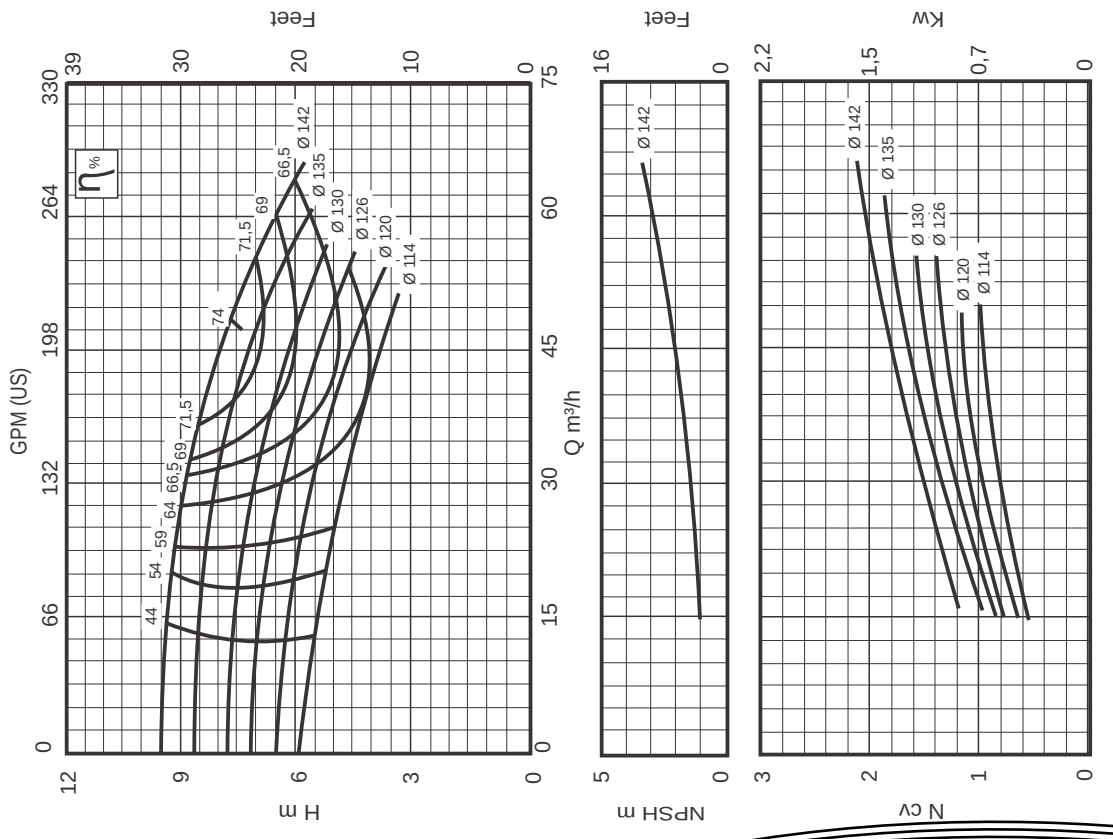
INI 50-160 — 1750 rpm



Impeller Ø Max. 174 mm
Impeller Ø Min. 135 mm
Impeller of Width 16 mm
Viscosity μ = 1cP

Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth γ= 1kgf/dm³

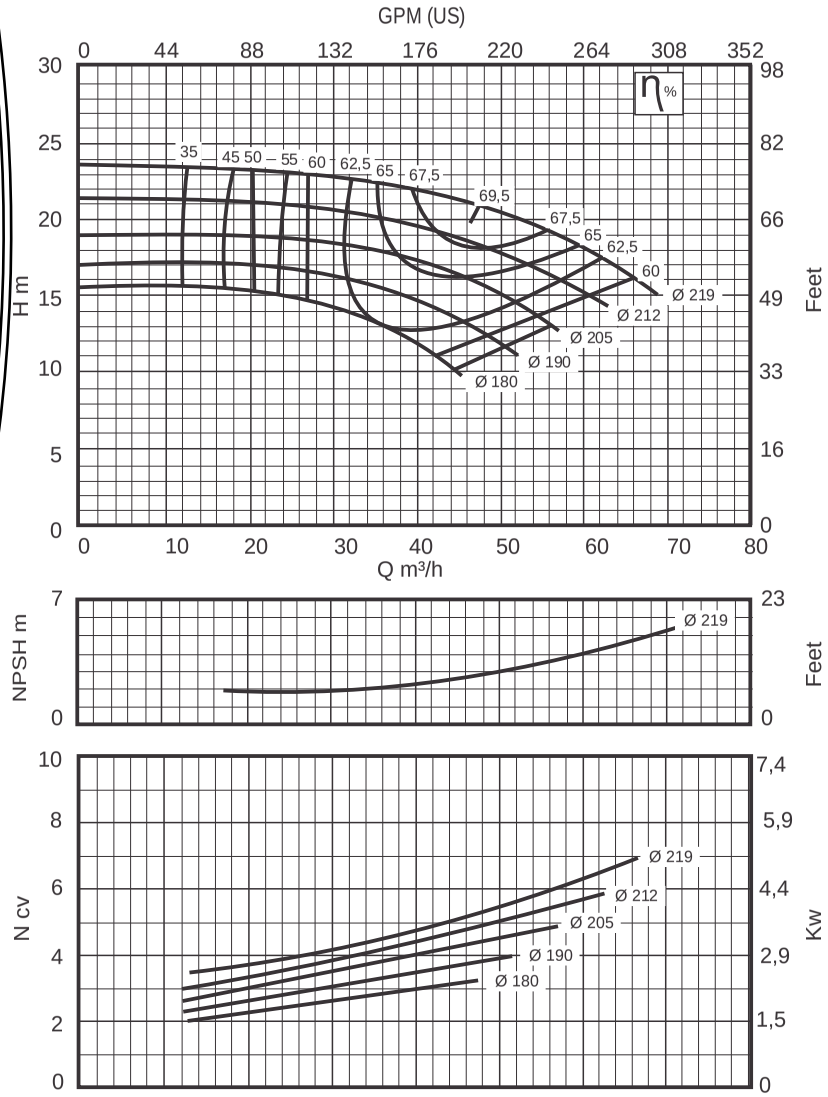
INI 50-125 — 1750 rpm



Impeller Ø Max. 142 mm
Impeller Ø Min. 114 mm
Impeller of Width 20 mm
Viscosity μ = 1cP

Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth γ= 1kgf/dm³

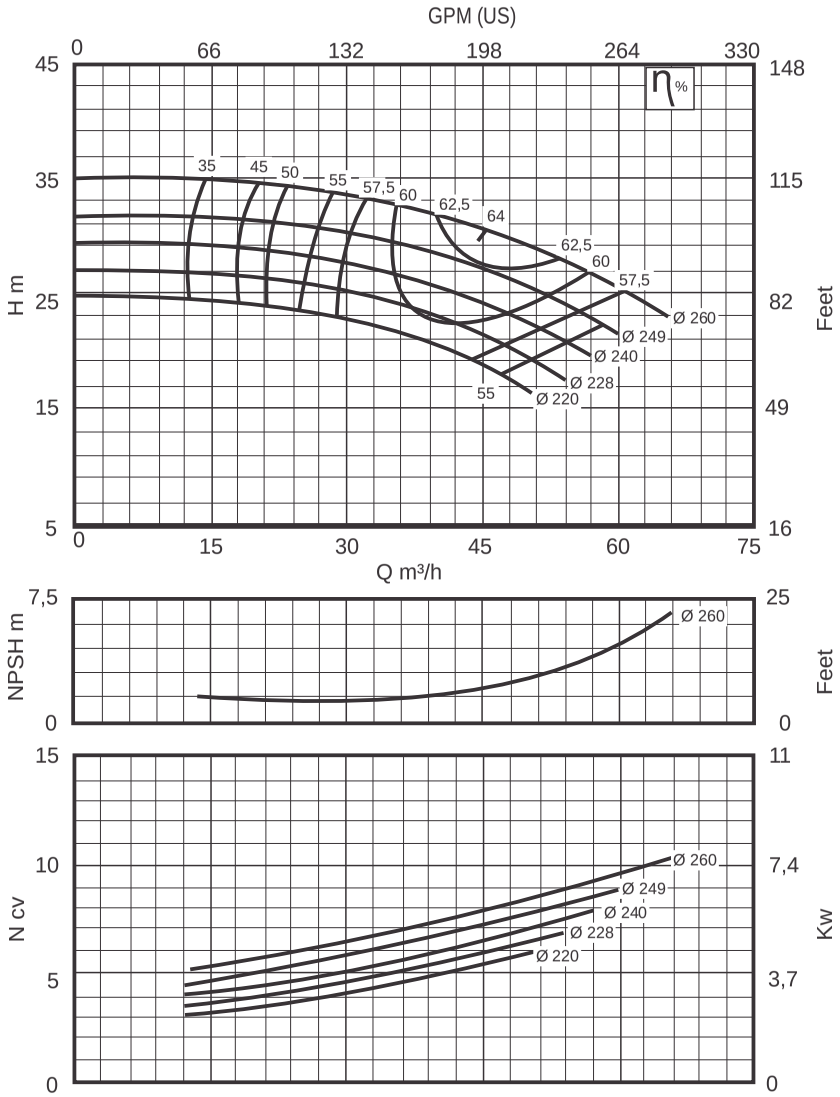
INI 50-200 1750 rpm



Impeller Ø Max. 219 mm
Impeller Ø Min. 180 mm
Impeller of Width 11 mm
Viscosity μ = 1cP

Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³

INI 50-250 1750 rpm

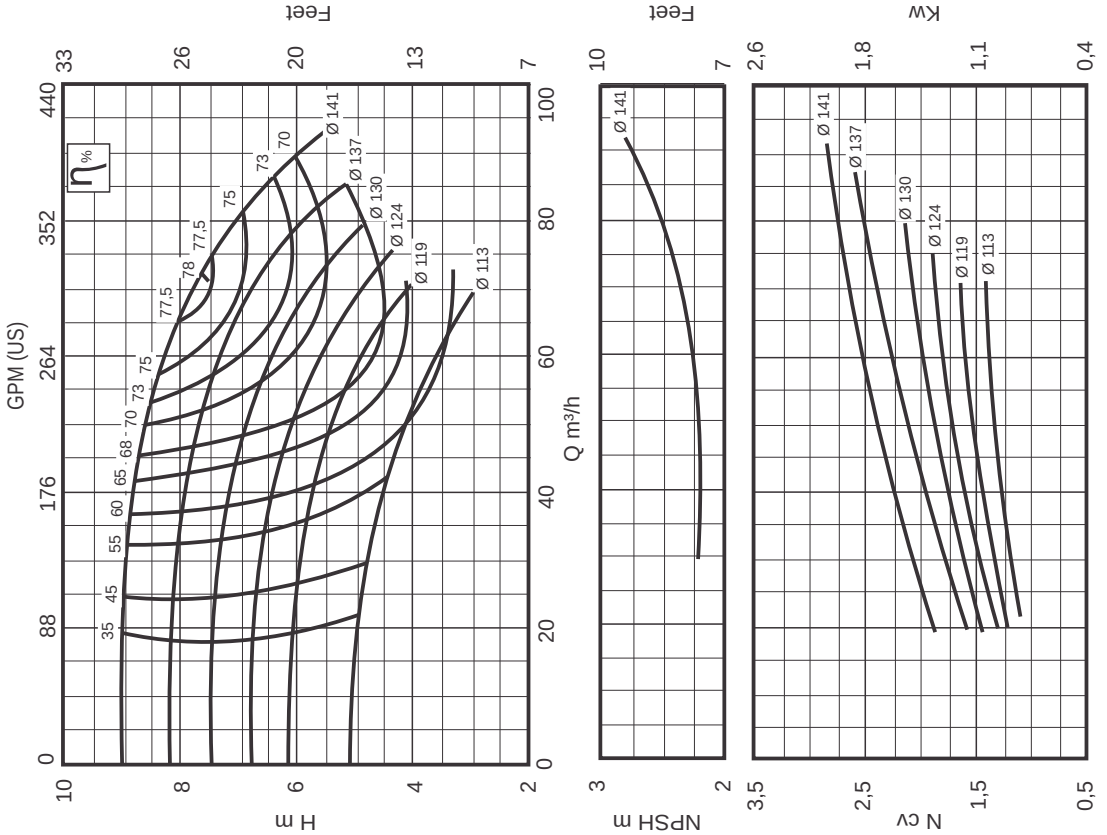


Impeller Ø Max. 260 mm
Impeller Ø Min. 220 mm
Impeller of Width 12 mm
Viscosity μ = 1cP

Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³

IMBIL Pumping Solutions

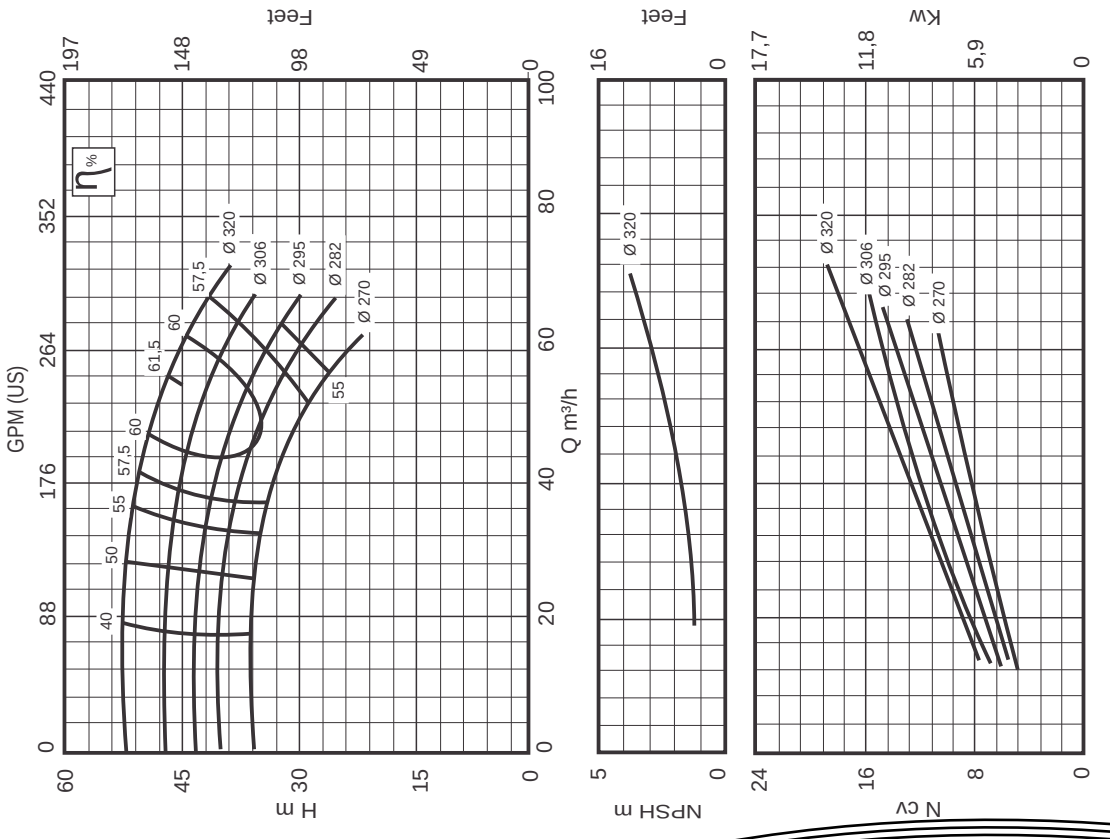
INI 65-125 — 1750 rpm



Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 141 mm
Impeller Ø Min. 113 mm
Impeller of Width 25 mm
Viscosity μ = 1cP

INI 50-315 — 1750 rpm

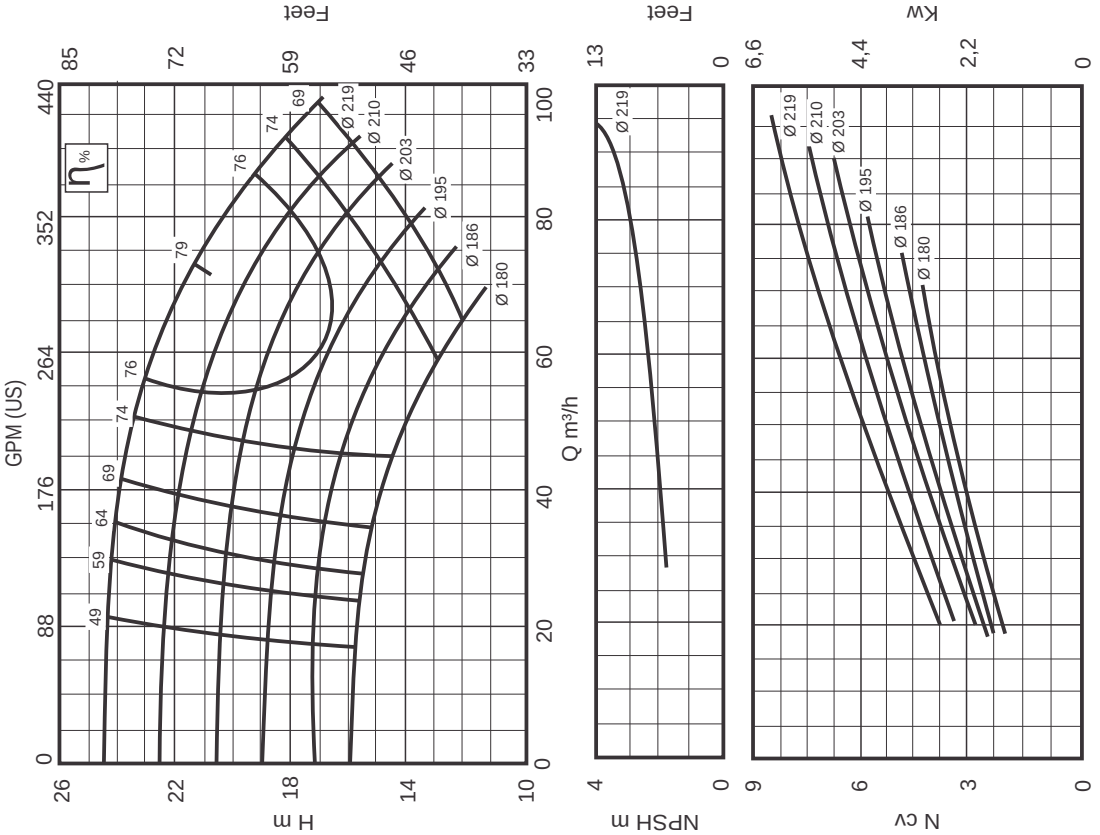


Suction Flange 80 mm
Pressure Flange 50 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 320 mm
Impeller Ø Min. 270 mm
Impeller of Width 9 mm
Viscosity μ = 1cP

IMBIL Pumping Solutions

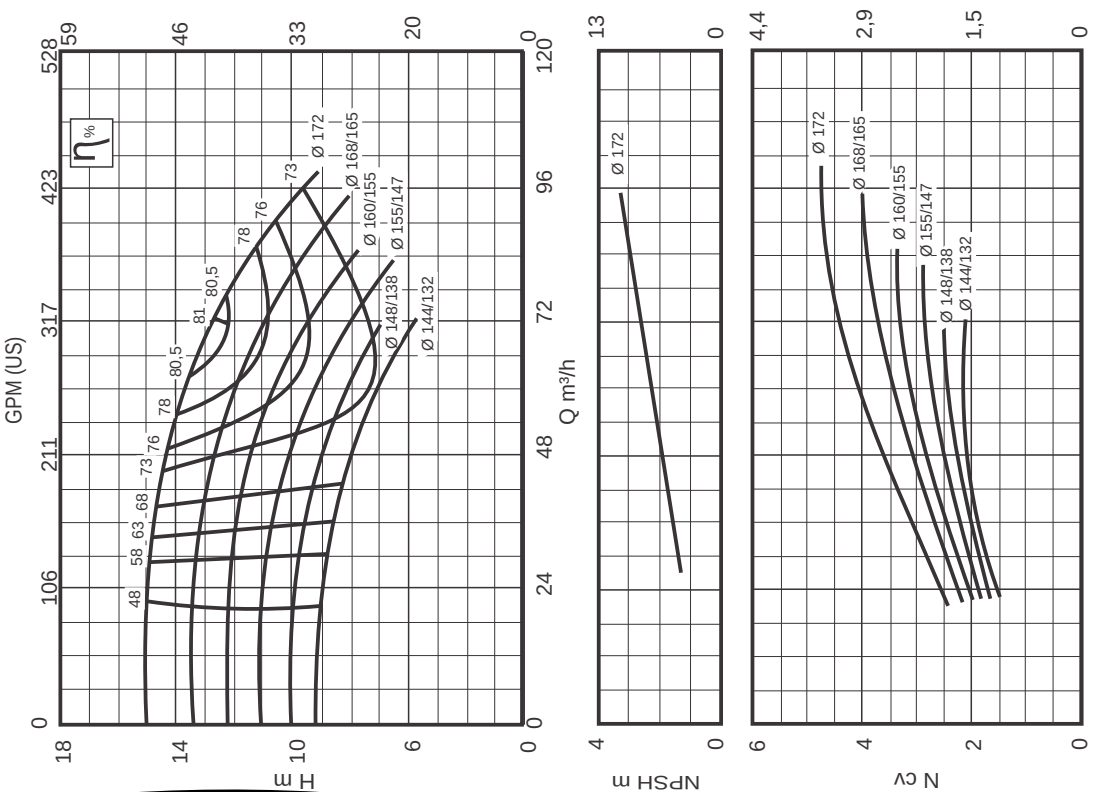
INI 65-200 — 1750 rpm



Impeller Ø Max. 219 mm
Impeller Ø Min. 180 mm
Impeller of Width 17 mm
Viscosity μ = 1cP

Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth γ= 1kgf/dm³

INI 65-160 — 1750 rpm

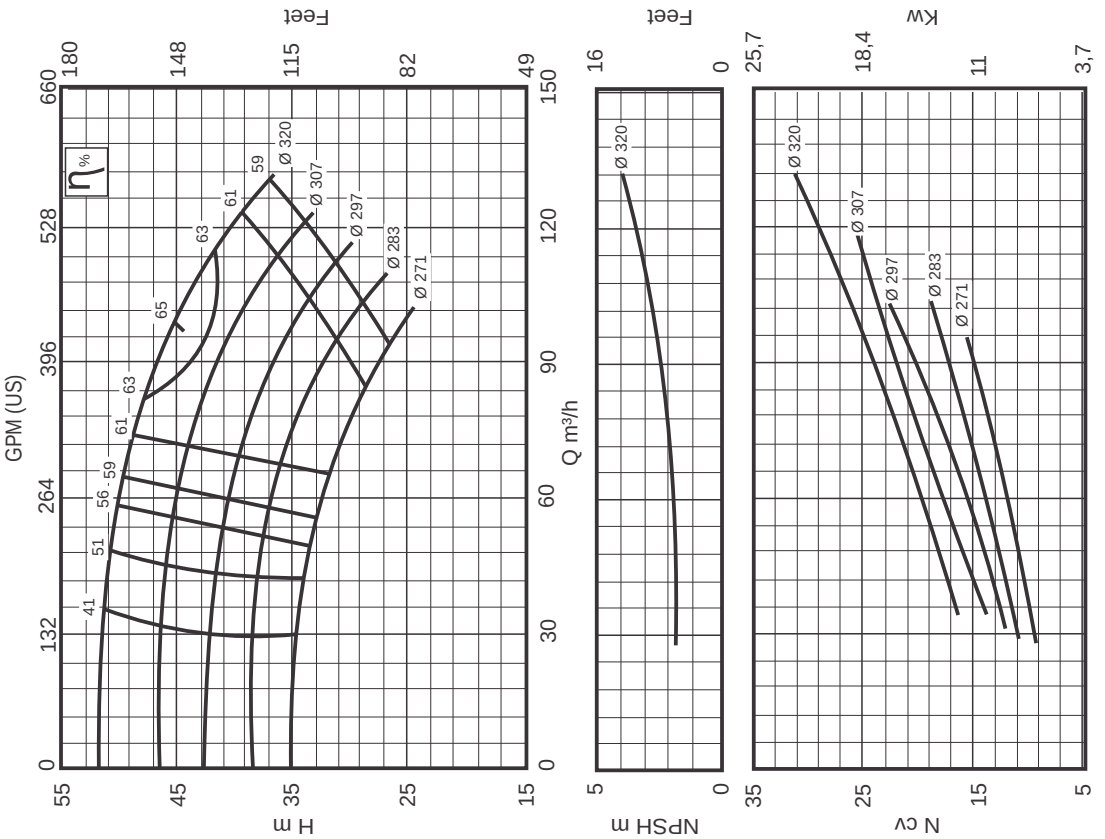


Impeller Ø Max. 172 mm
Impeller Ø Min. 144/132 mm
Impeller of Width 21 mm
Viscosity μ = 1cP

Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth γ= 1kgf/dm³

IMBIL Pumping Solutions

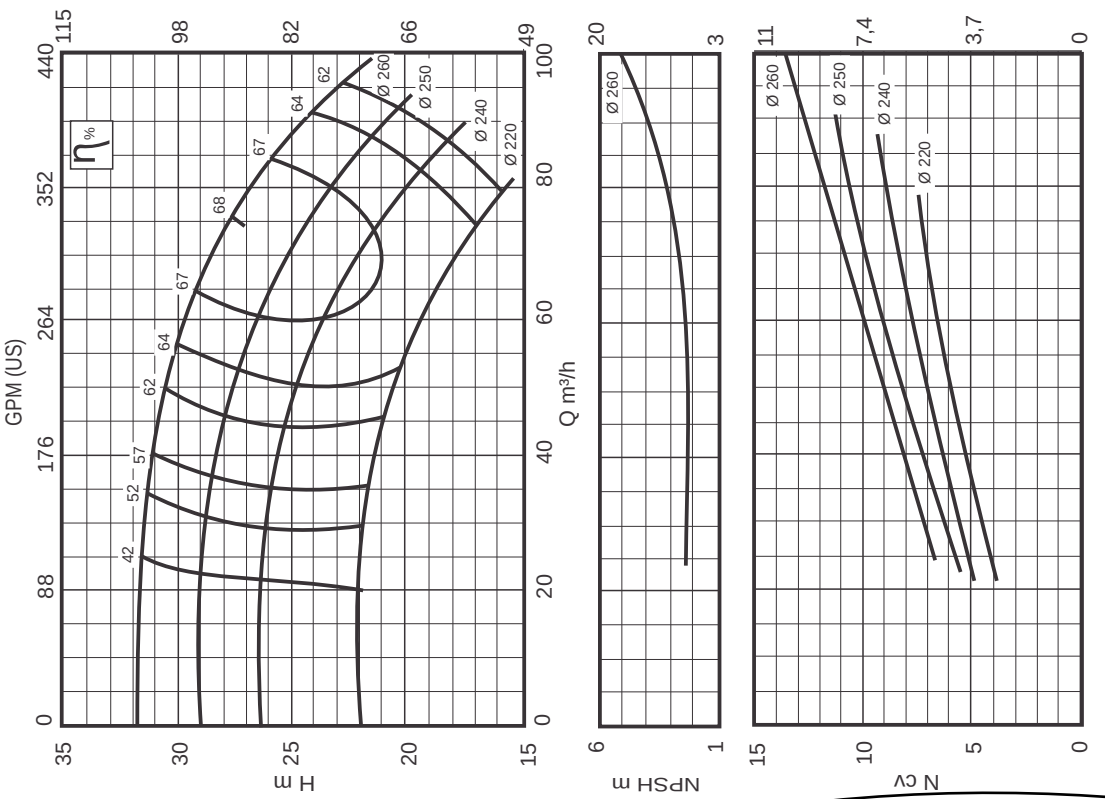
INI 65-315 — 1750 rpm



Impeller Ø Max. 320 mm
Impeller Ø Min. 271 mm
Impeller of Width 13 mm
Viscosity μ = 1cP

Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth y= 1kgf/dm³

INI 65-250 — 1750 rpm

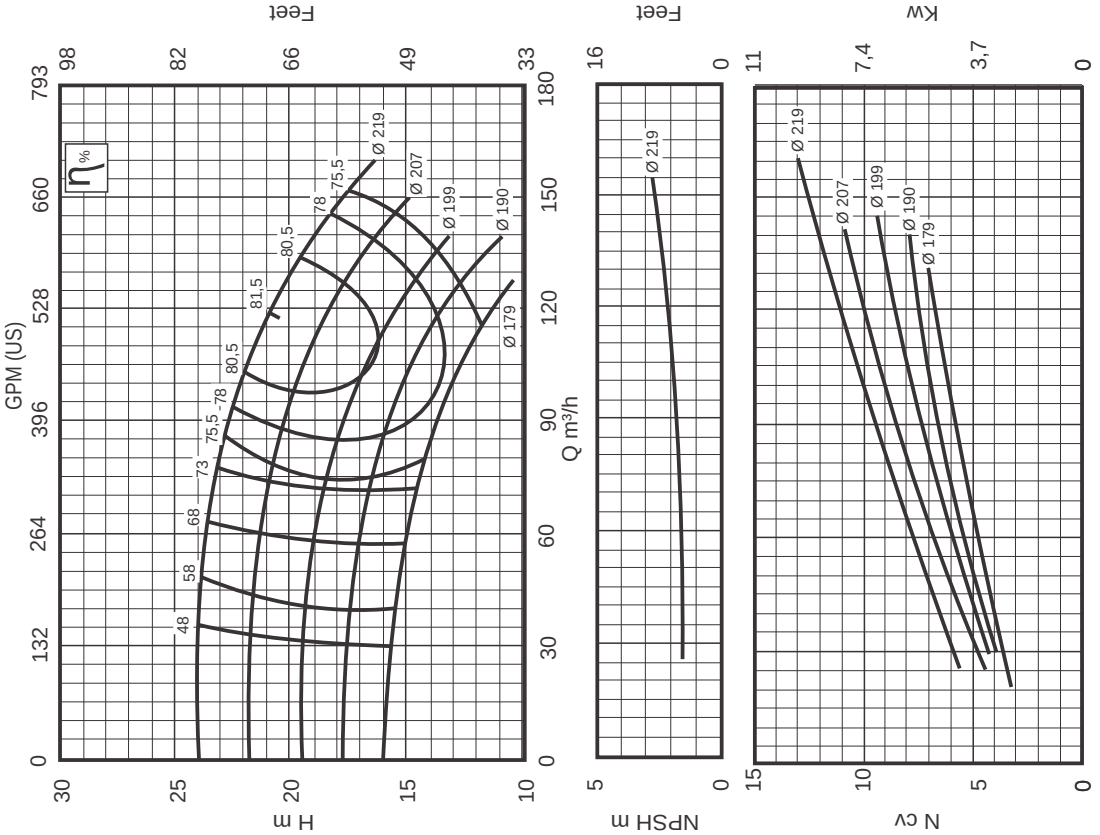


Impeller Ø Max. 260 mm
Impeller Ø Min. 220 mm
Impeller of Width 13 mm
Viscosity μ = 1cP

Suction Flange 100 mm
Pressure Flange 65 mm
Specific Weigth y= 1kgf/dm³

IMBIL Pumping Solutions

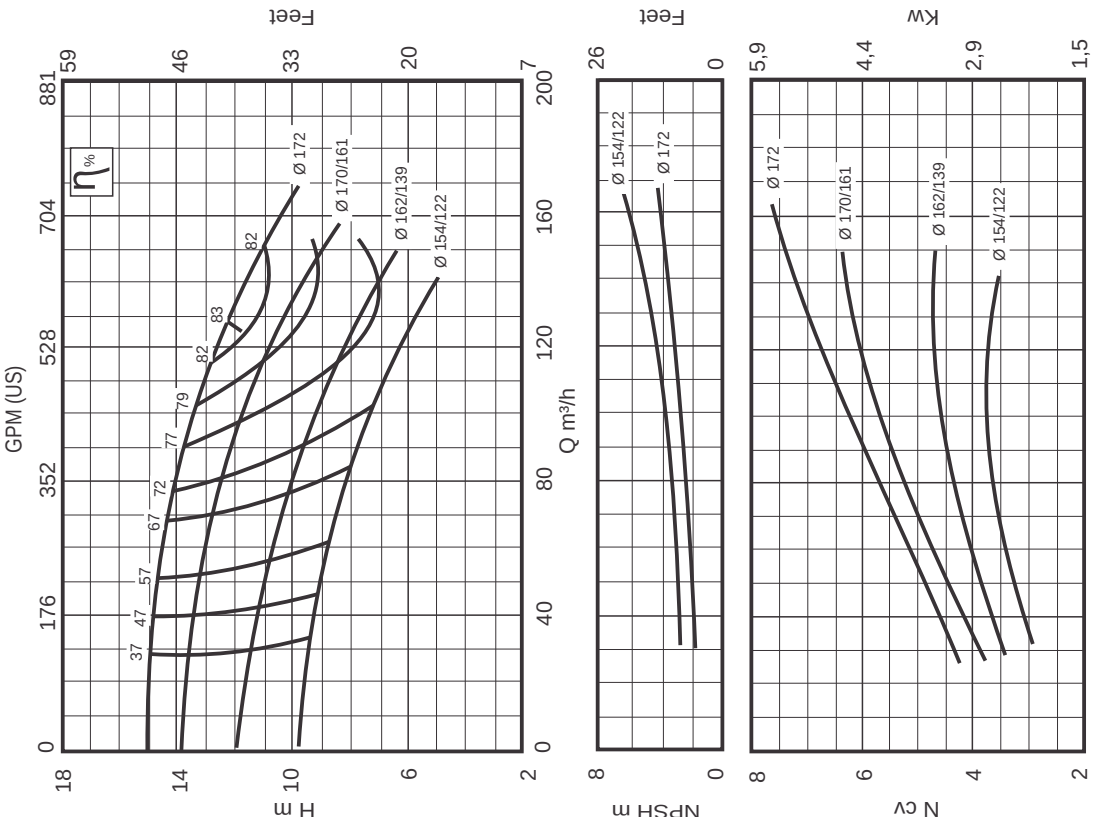
INI 80-200 — 1750 rpm



Impeller Ø Max. 219 mm
Impeller Ø Min. 179 mm
Impeller of Width 23 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth γ= 1kgf/dm³

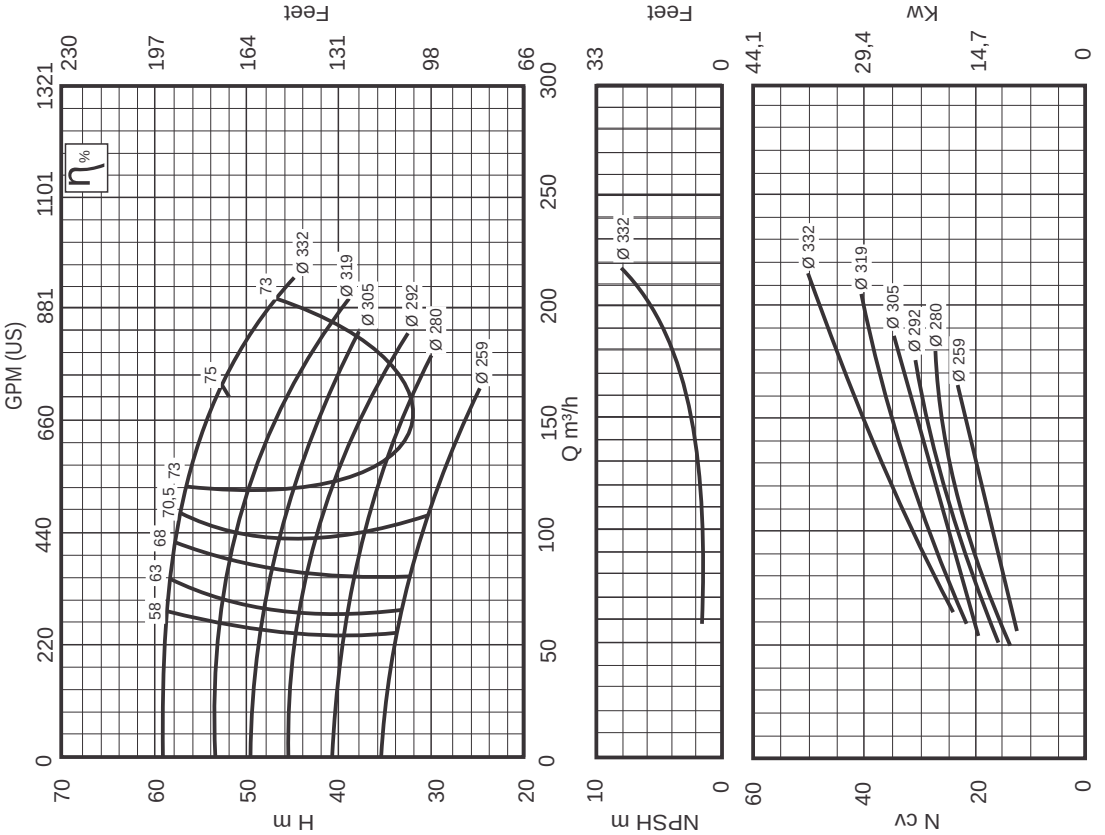
INI 80-160 — 1750 rpm



Impeller Ø Max. 172 mm
Impeller Ø Min. 154/122 mm
Impeller of Width 31 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth γ= 1kgf/dm³

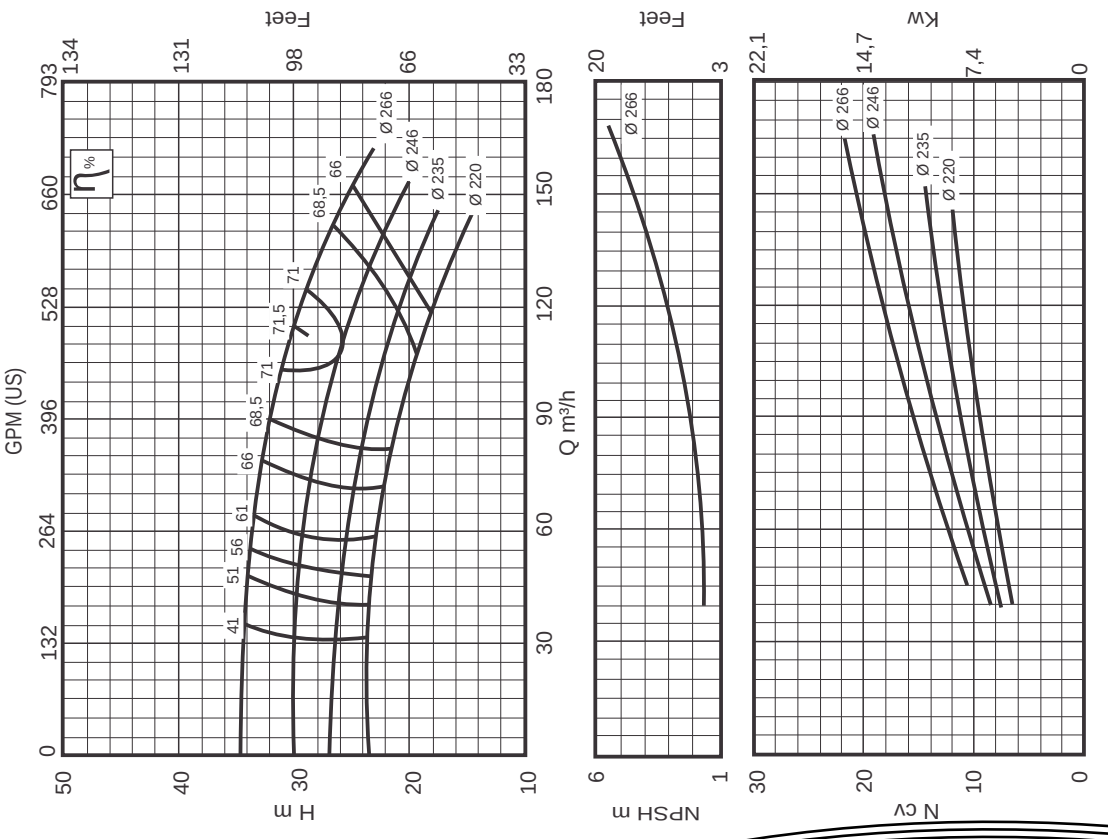
INI 80-315 — 1750 rpm



Impeller Ø Max. 332 mm
Impeller Ø Min. 259 mm
Impeller of Width 18 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth y= 1kgf/dm³

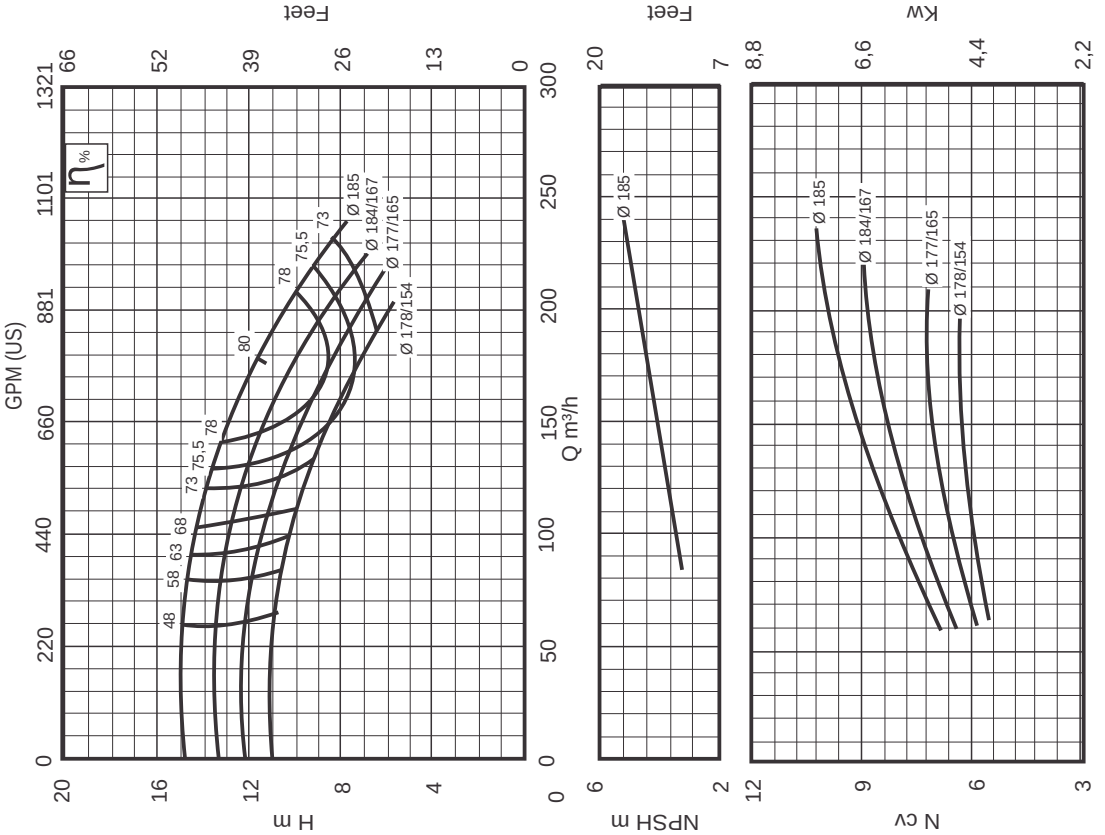
INI 80-250 — 1750 rpm



Impeller Ø Max. 266 mm
Impeller Ø Min. 220 mm
Impeller of Width 19 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth y= 1kgf/dm³

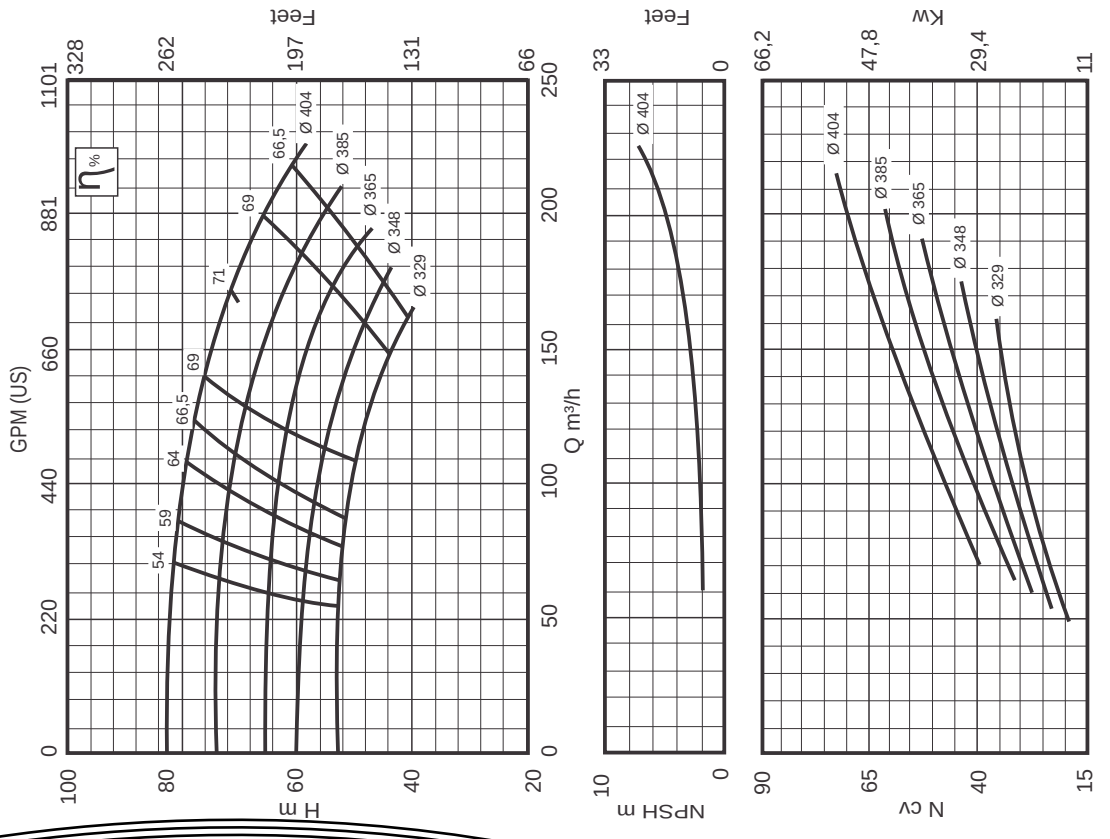
INI 100-160 — 1750 rpm



Impeller Ø Max. 185 mm
Impeller Ø Min. 178/154 mm
Impeller of Width 36 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth y= 1kgf/dm³

INI 80-400 — 1750 rpm

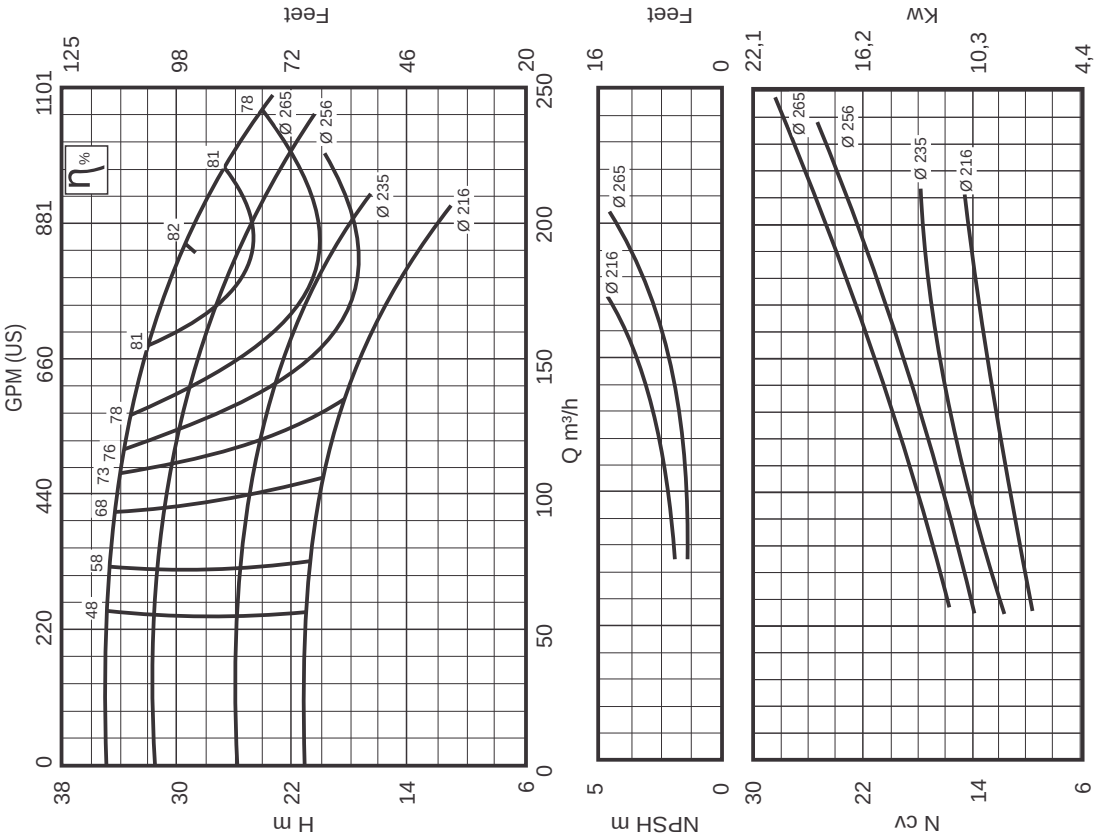


Impeller Ø Max. 404 mm
Impeller Ø Min. 329 mm
Impeller of Width 13 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 80 mm
Specific Weigth y= 1kgf/dm³

IMBIL Pumping Solutions

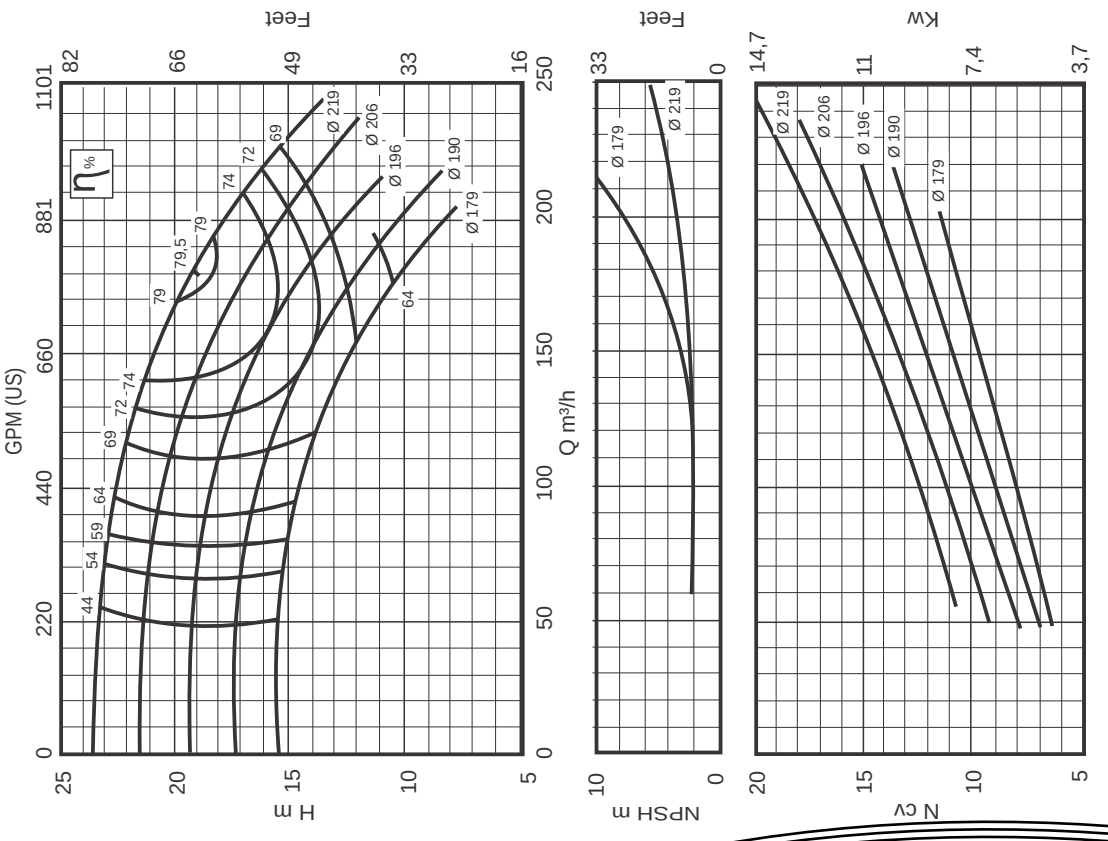
INI 100-250 — 1750 rpm



Suction Flange 125 mm
Pressure Flange 100 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 265 mm
Impeller Ø Min. 216 mm
Impeller of Width 27 mm
Viscosity μ = 1cP

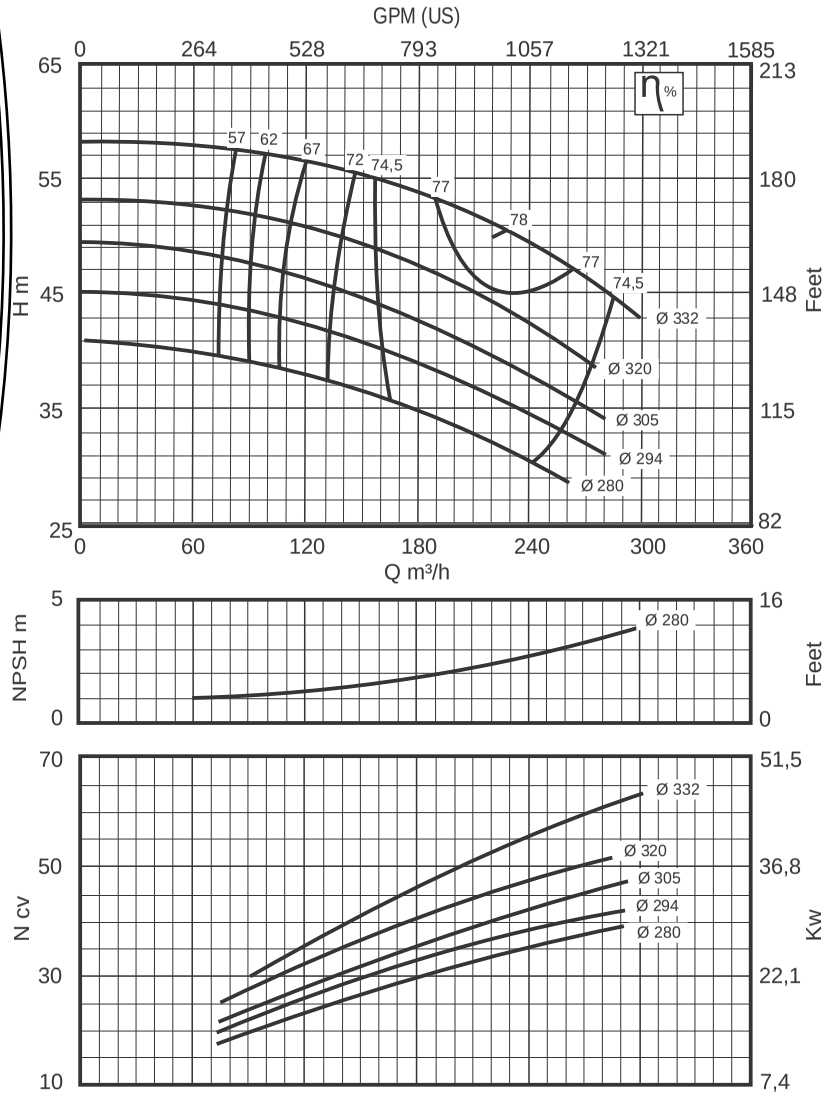
INI 100-200 — 1750 rpm



Suction Flange 125 mm
Pressure Flange 100 mm
Specific Weigth y= 1kgf/dm³

Impeller Ø Max. 219 mm
Impeller Ø Min. 179 mm
Impeller of Width 32 mm
Viscosity μ = 1cP

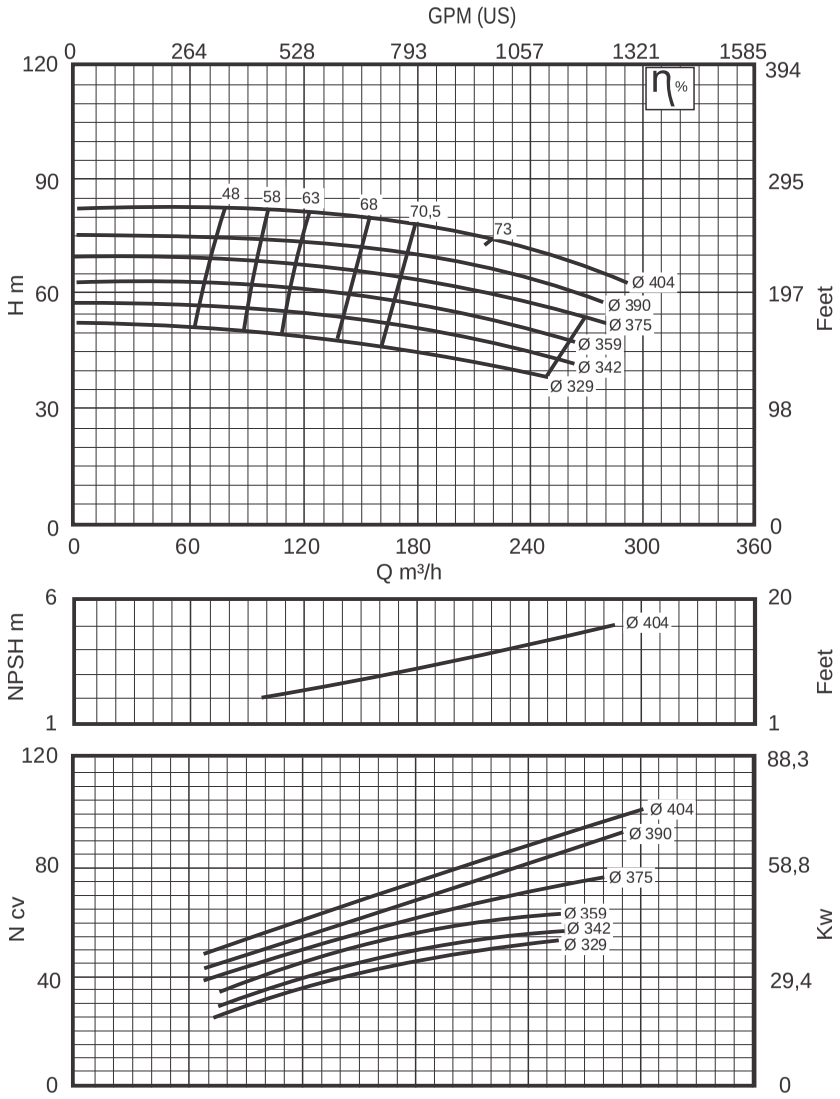
INI 100-315 — 1750 rpm



Impeller Ø Max. 332 mm
Impeller Ø Min. 280 mm
Impeller of Width 23 mm
Viscosity μ = 1cP

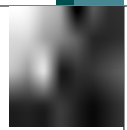
Suction Flange 125 mm
Pressure Flange 100 mm
Specific Weigth y= 1kgf/dm³

INI 100-400 — 1750 rpm



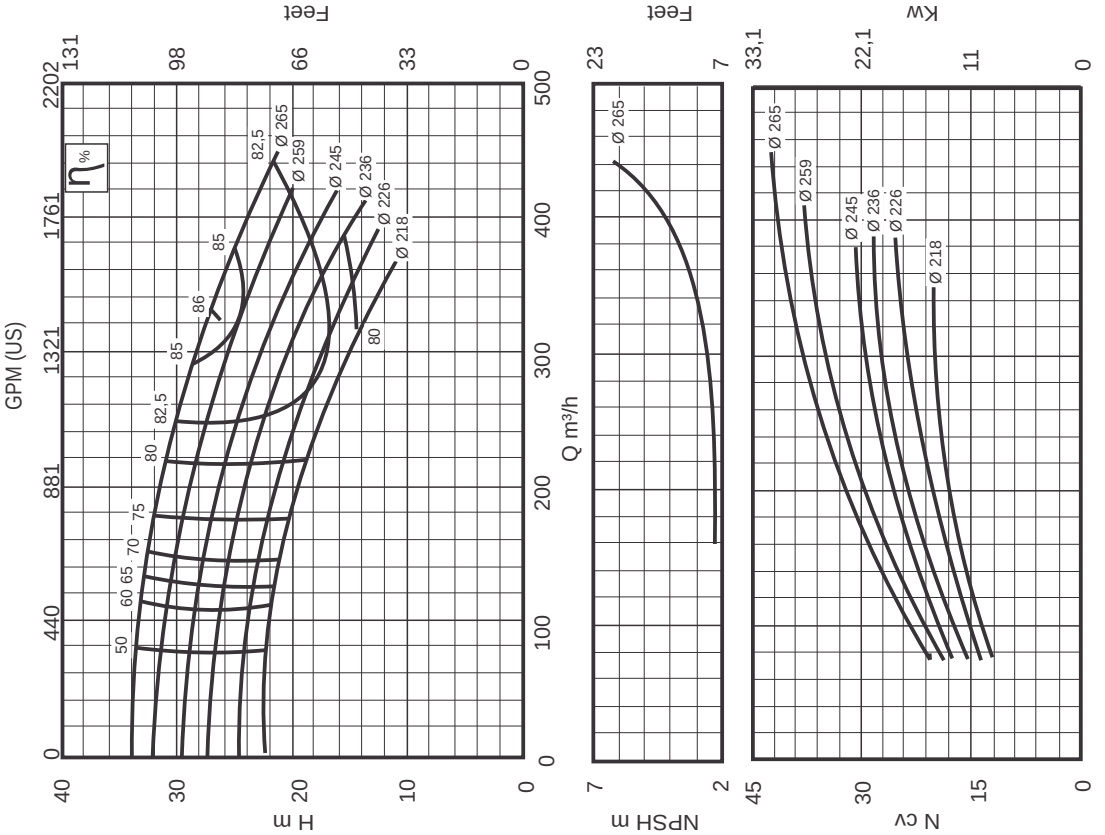
Impeller Ø Max. 404 mm
Impeller Ø Min. 329 mm
Impeller of Width 17 mm
Viscosity μ = 1cP

Suction Flange 125 mm
Pressure Flange 100 mm
Specific Weigth y= 1kgf/dm³



IMBIL Pumping Solutions

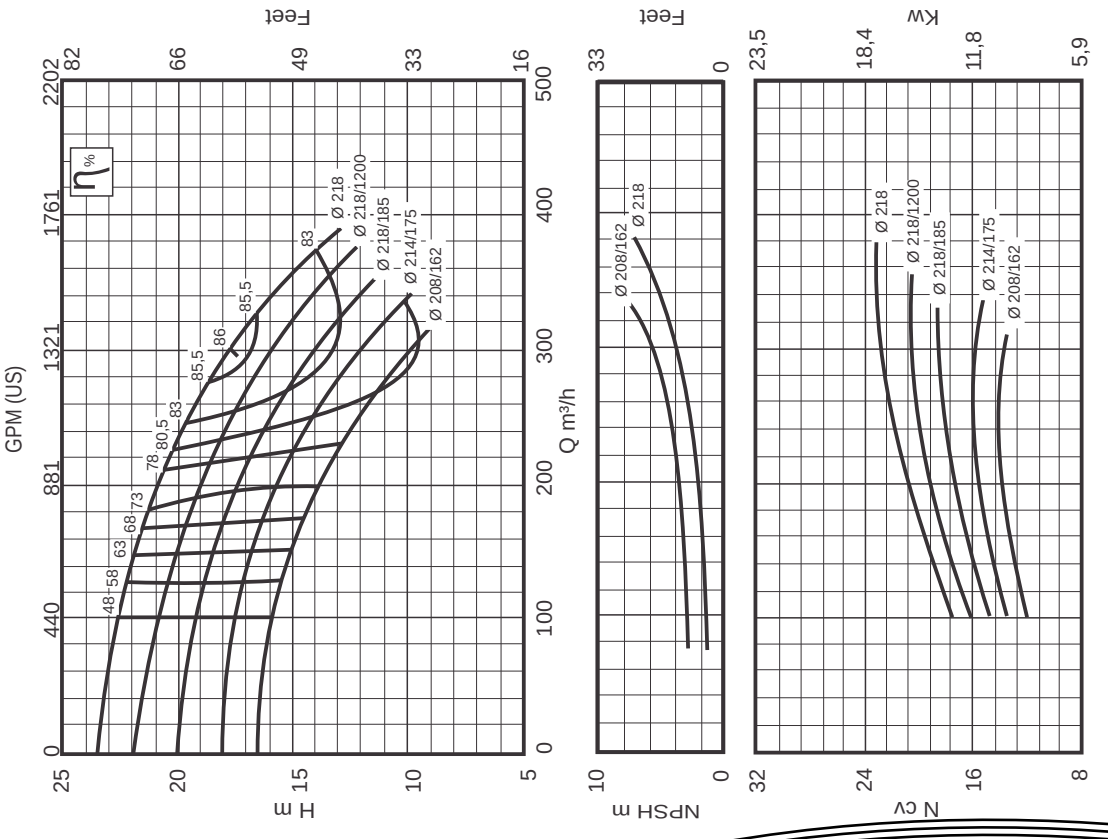
INI 125-250 — 1750 rpm



Impeller Ø Max. 265 mm
Impeller Ø Min. 218 mm
Impeller of Width 37 mm
Viscosity μ = 1cP

Suction Flange 150 mm
Pressure Flange 125 mm
Specific Weigth y= 1kgf/dm³

INI 125-200 — 1750 rpm

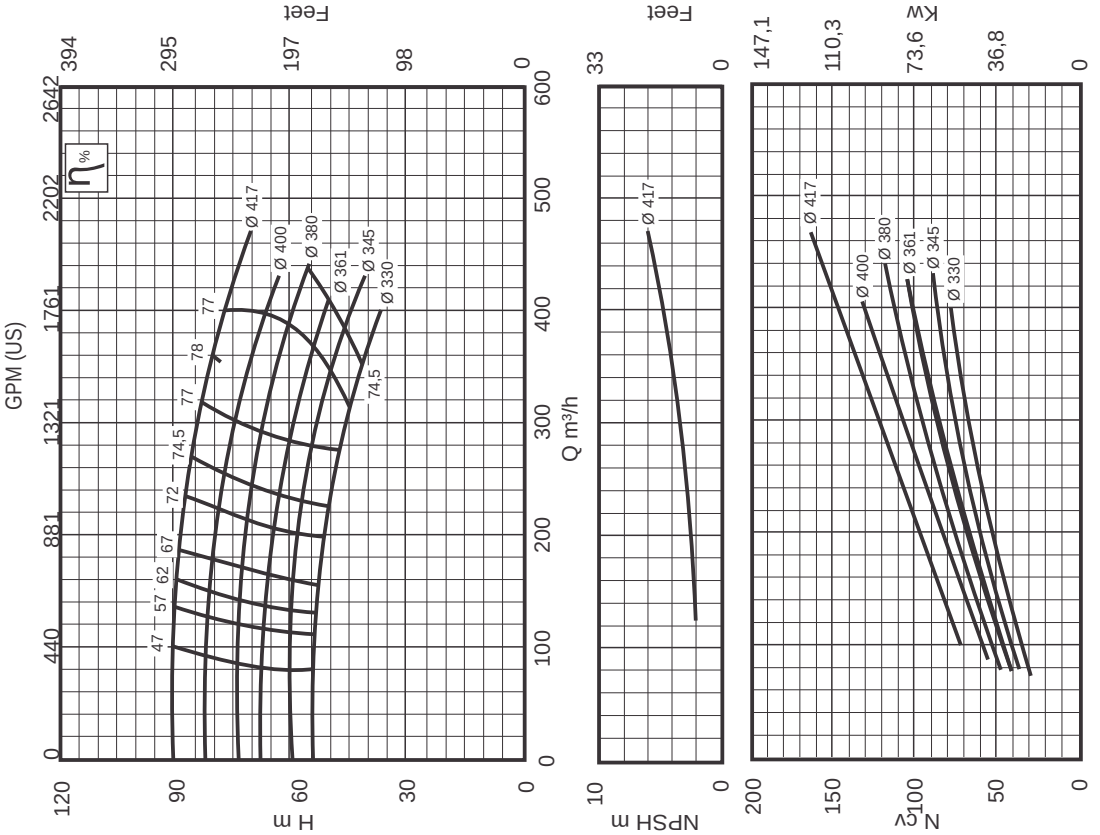


Impeller Ø Max. 218 mm
Impeller Ø Min. 208/162 mm
Impeller of Width 40 mm
Viscosity μ = 1cP

Suction Flange 150 mm
Pressure Flange 120 mm
Specific Weigth y= 1kgf/dm³

IMBIL Pumping Solutions

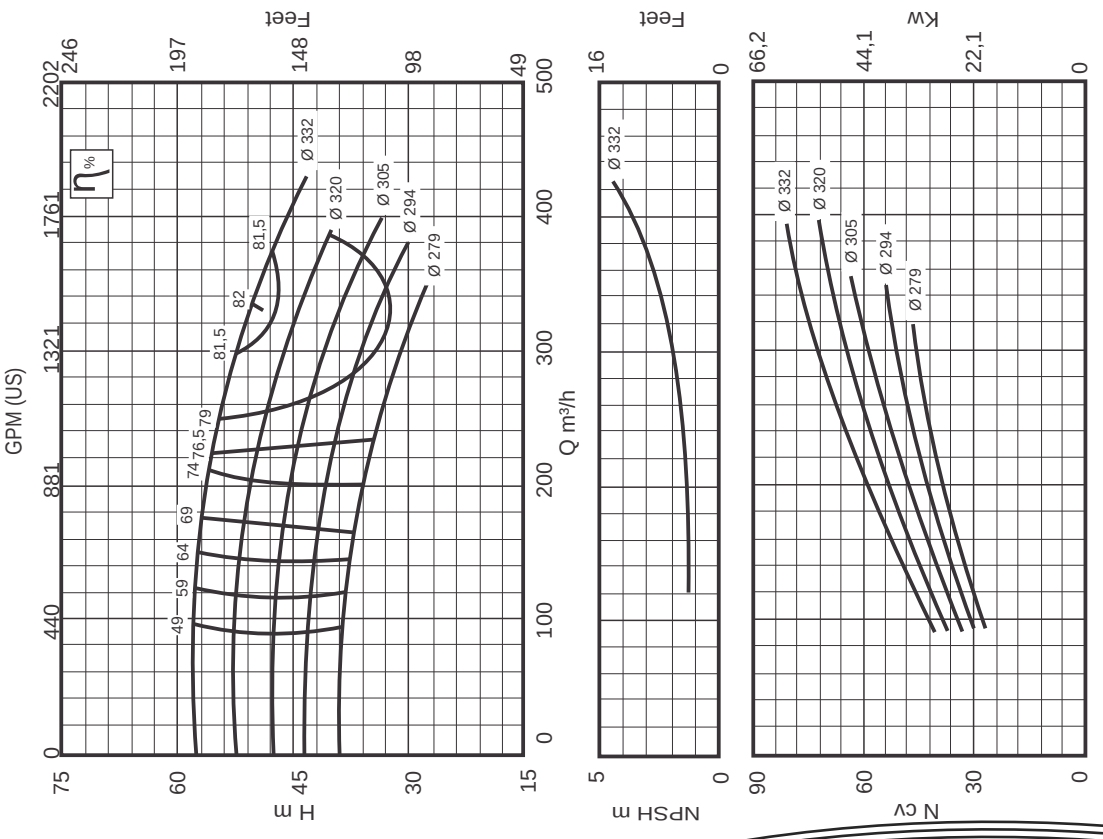
INI 125 -400 — 1750 rpm



Impeller Ø Max. 417 mm
Impeller Ø Min. 330 mm
Impeller of Width 25 mm
Viscosity μ = 1cP

Suction Flange 150 mm
Pressure Flange 125 mm
Specific Weigth y= 1kgf/dm³

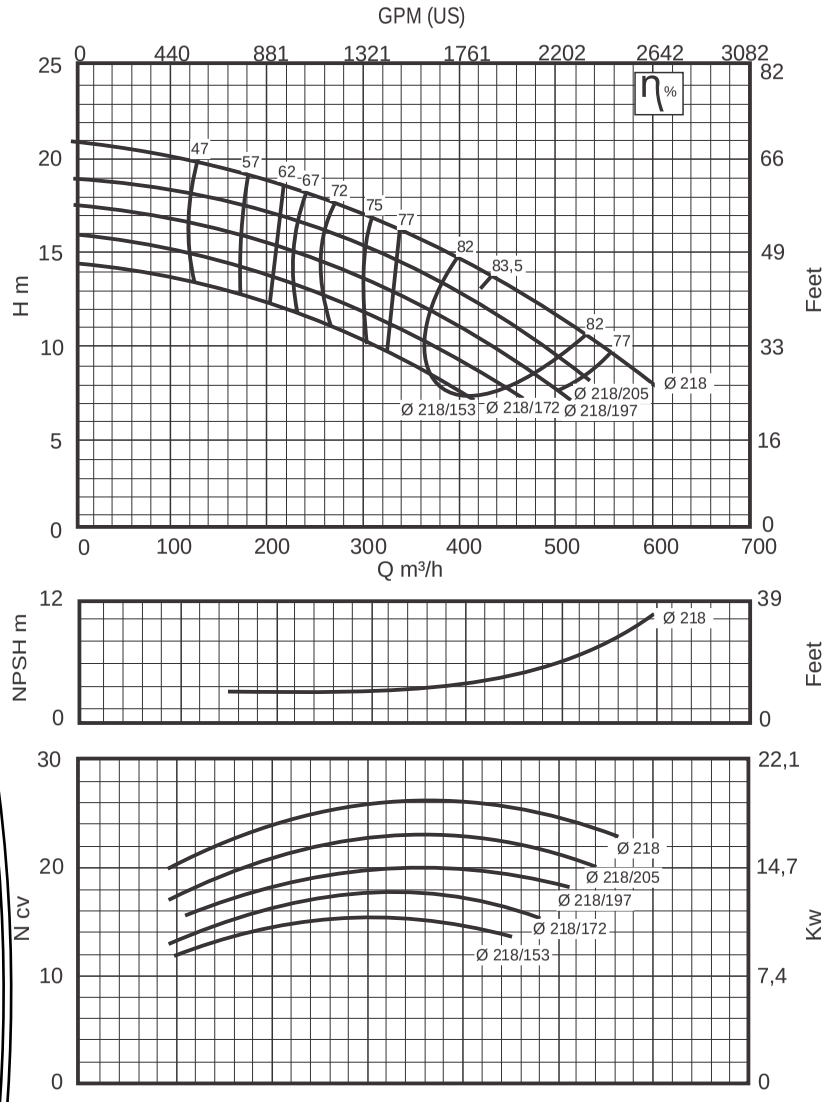
INI 125-315 — 1750 rpm



Impeller Ø Max. 218 mm
Impeller Ø Min. 218/153 mm
Impeller of Width 59 mm
Viscosity μ = 1cP

Suction Flange 150 mm
Pressure Flange 125 mm
Specific Weigth y= 1kgf/dm³

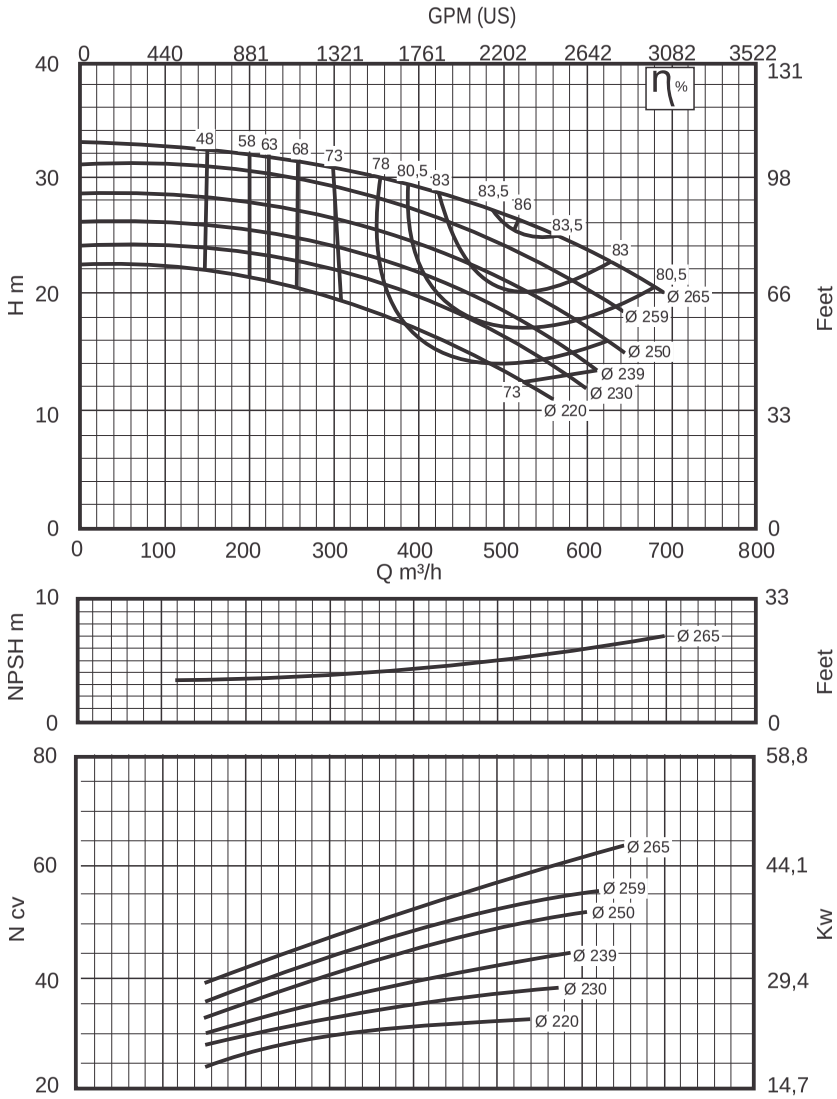
INI 150-200 — 1750 rpm



Impeller Ø Max. 218 mm
Impeller Ø Min. 218/153 mm
Impeller of Width 59 mm
Viscosity μ = 1cP

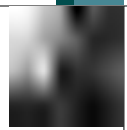
Suction Flange 200 mm
Pressure Flange 150 mm
Specific Weigth y= 1kgf/dm³

INI 150-250 — 1750 rpm



Impeller Ø Max. 265 mm
Impeller Ø Min. 220 mm
Impeller of Width 12 mm
Viscosity μ = 1cP

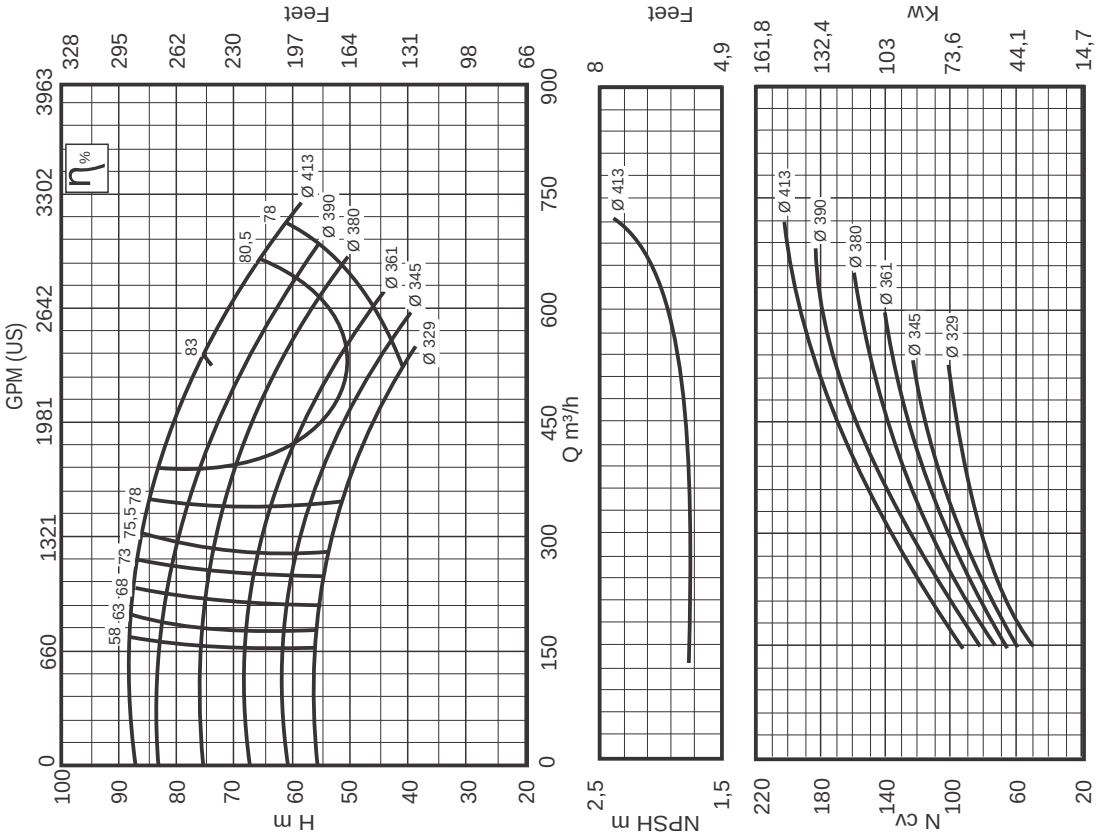
Suction Flange 200 mm
Pressure Flange 150 mm
Specific Weigth y= 1kgf/dm³



IMBIL Pumping Solutions

IMBIL Pumping Solutions

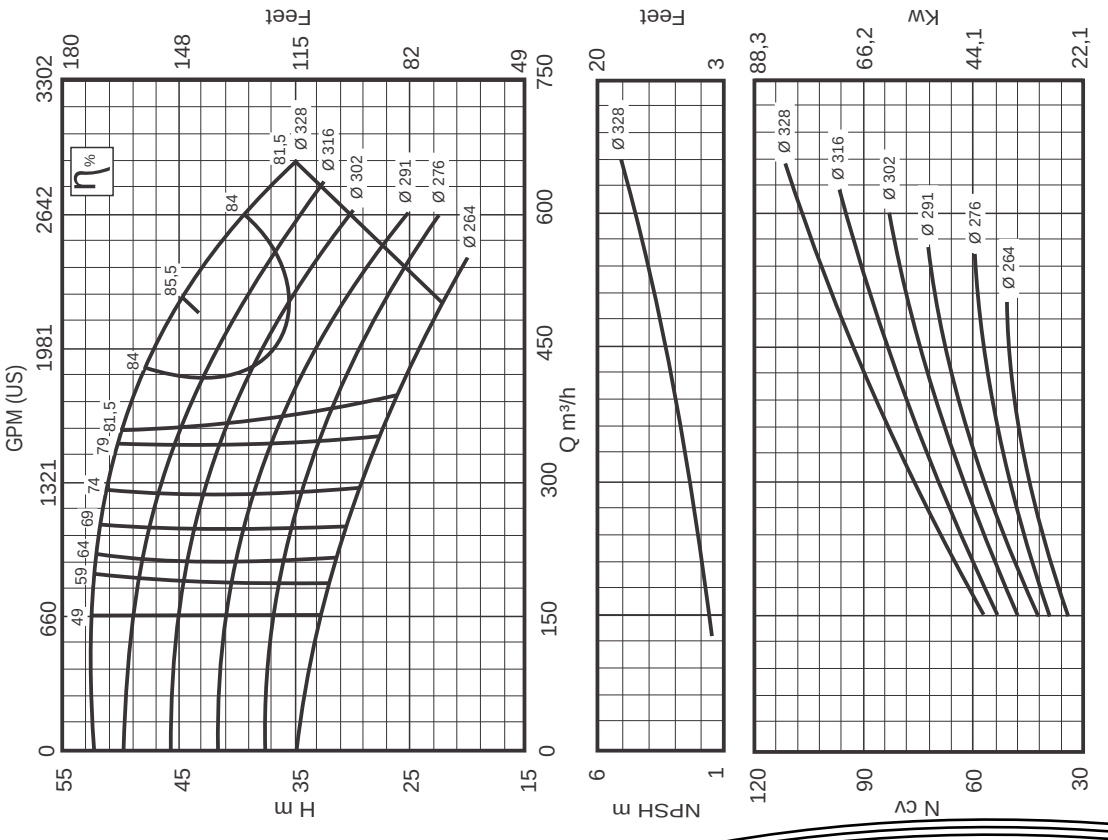
INI 150-400 — 1750 rpm



Impeller Ø Max. 413 mm
Impeller Ø Min. 329 mm
Impeller of Width 33 mm
Viscosity μ = 1cP

Suction Flange 200 mm
Pressure Flange 150 mm
Specific Weigth γ= 1kgf/dm³

INI 150-315 — 1750 rpm



Impeller Ø Max. 328 mm
Impeller Ø Min. 264 mm
Impeller of Width 39 mm
Viscosity μ = 1cP

Suction Flange 200 mm
Pressure Flange 150 mm
Specific Weigth γ= 1kgf/dm³