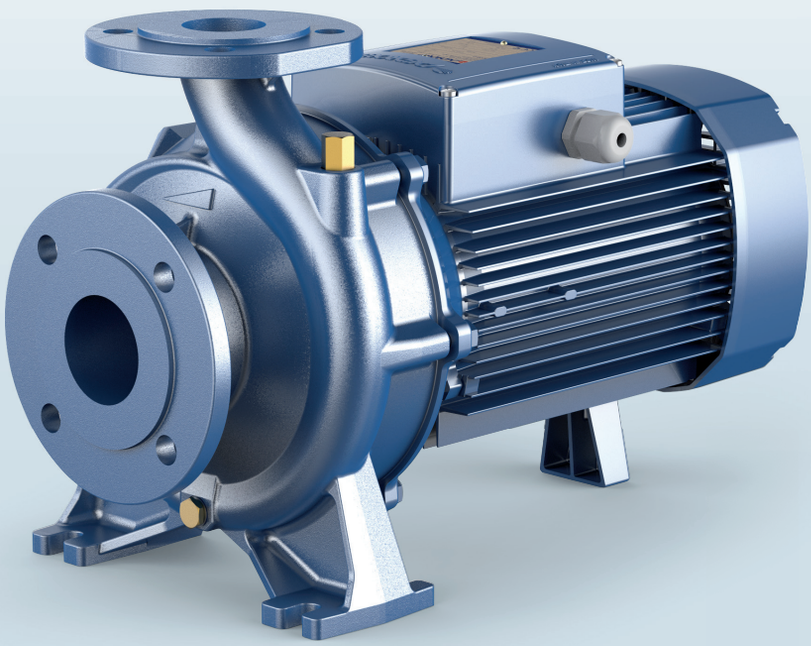
F4

50 Hz n= 1450 rpm

Eletctropompe autoamorsante “EN 733”

Apa curata

Uz industrial



DOMENIUL DE UTILIZARE

- Debit pana la **3000 l/min** (180 m^3/h)
- Inaltimea de pompare pana la **24 m**

LIMITE DE UTILIZARE

- Inaltimea de aspiratie manometrica se ridica pana la **7 m**
- Temperatura lichidului de la **-10 °C** pana la **+90 °C**
- Temperatura ambientala de la **-10 °C** pana la **+40 °C**
- Presiune maxima in corpul pompei **10 bar** (PN10)
- Serviciu continuu **S1**

EXECUTIE SI NORME DE SIGURANTA

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3

Dimensiuni corp pompa conform: **EN 733**

REGULAMENT (UE) N. 547/2012

CERTIFICARI

Companie cu sistem de management certificat DNV
ISO 9001: CALITATE
ISO 14001: MEDIU SI SIGURANTA

INSTALAREA SI UTILIZAREA

- Alimentarea si utilizarea
- Presurizare
- Irigare
- Circularea apei in sistemele de aer conditionat
- Spalatorii
- Instalatii de stingere a incendiilor
- Industrie
- Agricutura

Instalarea pompelor trebuie sa fie facuta intr-un spatiu inchis protejat de interperii

EXECUTII LA CERERE

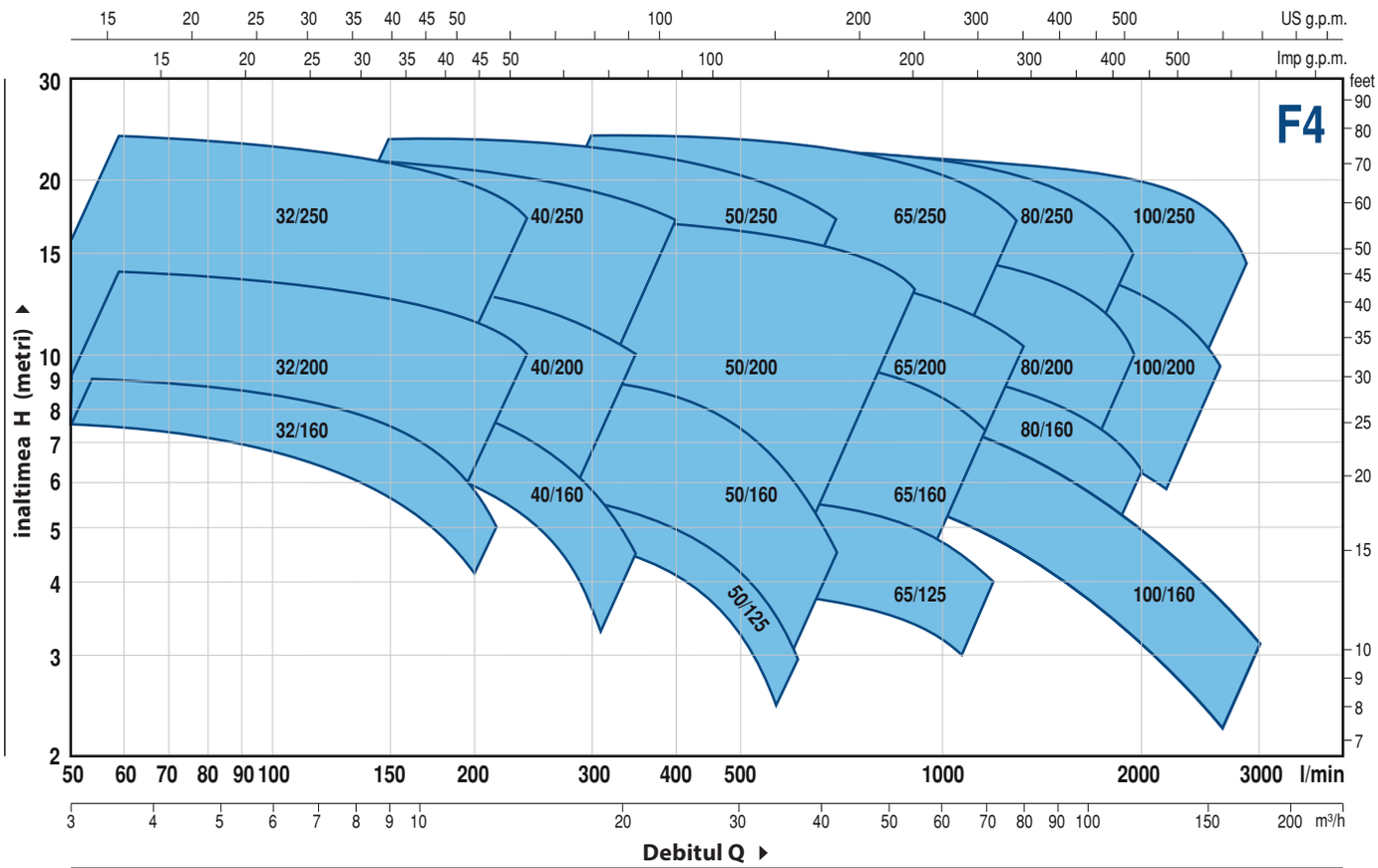
- KIT contraflansa complet cu suruburi si garnituri
- Presetupa mecanica speciala
- Alte tensiuni sau frecvente la 60 Hz
- Compatibilitate cu lichide mai calde sau mai reci
- Compatibilitate cu medii mai calde sau mai reci.

GARANTIE

2 ani conform conditiilor noastre generale de vanzare

CAMP DE PRESTATIE

50 Hz n= 1450 rpm



PRESTATII

50 Hz n= 1450 rpm

TIP	PUTERE (P2)			PRESTATII	
Trifazic	kW	HP	▲	Q l/min	H metri
F4-32/160B	0.37	0.5	IE2	50 ÷ 200	7.5 ÷ 4.5
F4-32/160A	0.37	0.5		50 ÷ 225	9 ÷ 5
F4-32/200B	0.75	1	IE2	50 ÷ 250	12.5 ÷ 9
F4-32/200A	1.1	1.5		50 ÷ 250	14 ÷ 10.5
F4-32/200BH	0.75	1	IE2	50 ÷ 150	11.3 ÷ 9.2
F4-32/200AH	0.75	1		50 ÷ 160	13.8 ÷ 11
F4-32-250C	1.1	1.5	IE2	50 ÷ 200	18.5 ÷ 13.5
F4-32-250B	1.5	2	IE3	50 ÷ 225	21.5 ÷ 15.5
F4-32-250A	2.2	3		50 ÷ 250	24 ÷ 16.5
F4-40/160B	0.37	0.5	IE2	50 ÷ 320	7.5 ÷ 3.5
F4-40/160A	0.55	0.75		50 ÷ 350	9 ÷ 4.5
F4-40/200B	0.75	1	IE2	50 ÷ 350	11.5 ÷ 7
F4-40/200A	1.1	1.5		50 ÷ 350	13.8 ÷ 10
F4-40/250C	1.1	1.5	IE2	50 ÷ 400	15.5 ÷ 10
F4-40/250B	1.5	2	IE3	50 ÷ 400	17.5 ÷ 12
F4-40/250A	2.2	3		50 ÷ 400	22 ÷ 17
F4-50/125B	0.55	0.75	IE2	150 ÷ 600	5 ÷ 2
F4-50/125A	0.55	0.75		150 ÷ 600	6 ÷ 3
F4-50/160B	0.75	1	IE2	150 ÷ 650	8 ÷ 3.8
F4-50/160A	1.1	1.5		150 ÷ 700	9.3 ÷ 4.5
F4-50/200C	1.5	2	IE3	200 ÷ 850	11 ÷ 7.5
F4-50/200B	2.2	3		200 ÷ 850	13 ÷ 9.5
F4-50/200A	2.2	3		200 ÷ 900	15 ÷ 11.2
F4-50/200AR	3	4		200 ÷ 900	17 ÷ 13.2
F4-50/250D	1.1	1.5	IE2	150 ÷ 650	12.5 ÷ 5
F4-50/250C	1.5	2	IE3	150 ÷ 700	14 ÷ 5
F4-50/250B	2.2	3		150 ÷ 700	18 ÷ 10.5
F4-50/250A	2.2	3		150 ÷ 700	20 ÷ 13
F4-50/250AR	3	4		150 ÷ 700	23.5 ÷ 17

TIP	PUTERE (P2)			PRESTATII	
Trifazic	kW	HP	▲	Q l/min	H metri
F4-65/125B	0.75	1	IE2	300 ÷ 1100	4.7 ÷ 3
F4-65/125A	1.1	1.5		300 ÷ 1200	5.7 ÷ 4
F4-65/160C	1.1	1.5	IE2	300 ÷ 1100	8 ÷ 5.5
F4-65/160B	1.5	2	IE3	300 ÷ 1200	9.1 ÷ 5.7
F4-65/160A	2.2	3		300 ÷ 1200	10.1 ÷ 7
F4-65/200A	2.2	3	IE3	300 ÷ 1250	12 ÷ 8.5
F4-65/200AR	3	4		300 ÷ 1300	14 ÷ 10
F4-65/250B	4	5.5	IE3	200 ÷ 1250	21.8 ÷ 15.5
F4-65/250A	5.5	7.5		200 ÷ 1300	23.5 ÷ 17
F4-80/160D	1.5	2	IE3	300 ÷ 2000	6.3 ÷ 2.5
F4-80/160C	2.2	3		300 ÷ 2000	7.5 ÷ 3.8
F4-80/160B	2.2	3		300 ÷ 2000	8.8 ÷ 5
F4-80/160A	3	4		300 ÷ 2000	10 ÷ 6.2
F4-80/200B	4	5.5	IE3	300 ÷ 1800	14 ÷ 9
F4-80/200A	5.5	7.5		300 ÷ 1900	15.5 ÷ 10.5
F4-80/250B	5.5	7.5	IE3	300 ÷ 1800	19.5 ÷ 13.5
F4-80/250A	7.5	10		300 ÷ 1950	22 ÷ 15
F4-100/160B-N	2.2	3	IE3	400 ÷ 2750	8.1 ÷ 2.7
F4-100/160A-N	3	4		400 ÷ 3000	9.2 ÷ 3.2
F4-100/200C	4	5.5	IE3	400 ÷ 2300	12.7 ÷ 7
F4-100/200B	5.5	7.5		400 ÷ 2400	14.2 ÷ 8.5
F4-100/200A	5.5	7.5		400 ÷ 2600	15.8 ÷ 9.5
F4-100/250B	7.5	10	IE3	400 ÷ 2600	18.5 ÷ 11.5
F4-100/250A	9.2	12.5		400 ÷ 2900	22 ÷ 13.5

Q = Debit

H = Inaltimea de pompare manometrica totala

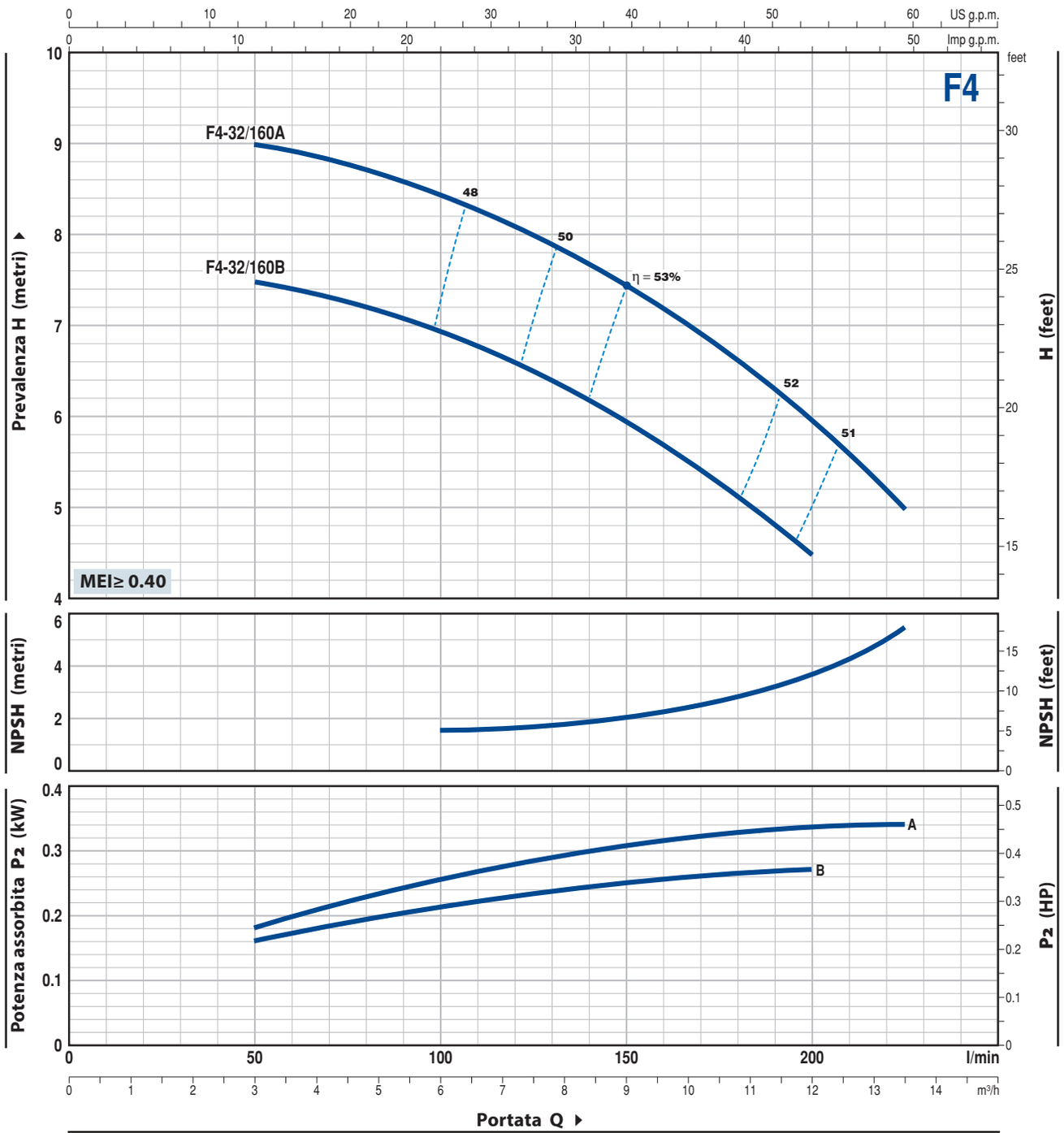
Toleranta curbelor de functionare conform EN ISO 9906 Grado 3B.

▲ Clasa de randament al motorului trifazic (IEC 60034-30)

F4-32/160

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



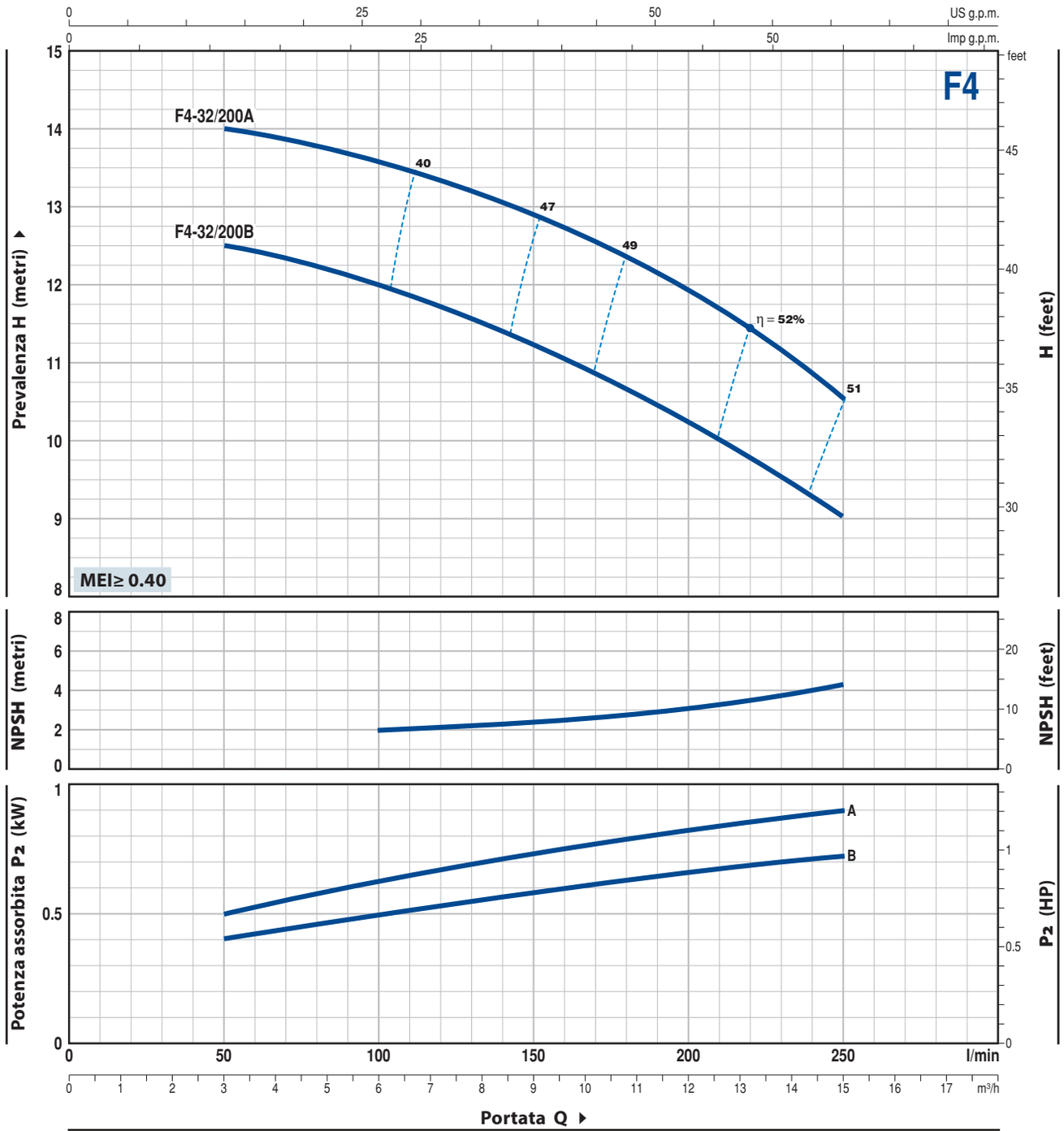
TIP	PUTEREA (P2)		Q	m³/h	3	4.5	6	7.5	9	10.8	12	13.5
Trifazic	kW	HP		l/min	**50**	**75**	**100**	**125**	**150**	**180**	**200**	**225**
F4-32/160B	0.37	0.5	**H**	metri	7.5	7.3	6.9	6.5	6	5.1	4.5	
F4-32/160A	0.37	0.5			9	8.8	8.4	8	7.5	6.6	6	5

Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.E

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTEREA(P2)		Q	m³/h	3	6	9	12	15
Trifazic	kW	HP		l/min	**50**	**100**	**150**	**200**	**250**
F4-32/200B	0.75	1	**H**	metri	12.5	12	11.2	10.3	9
F4-32/200A	1.1	1.5			14	13,6	12.8	11.9	10.5

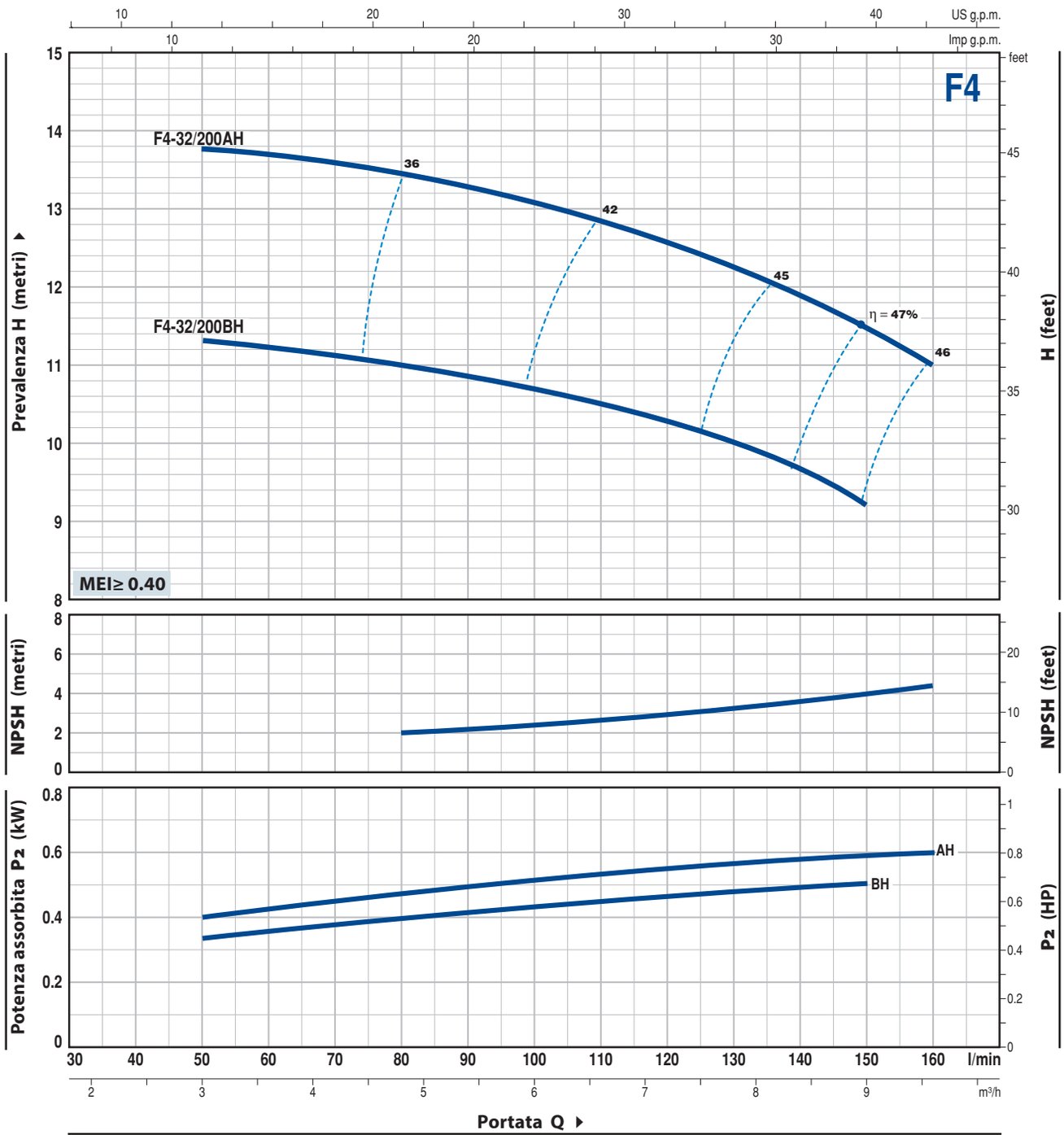
= Debit H = Inaltimea de pompare manometrica totala HS = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-32/200H

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



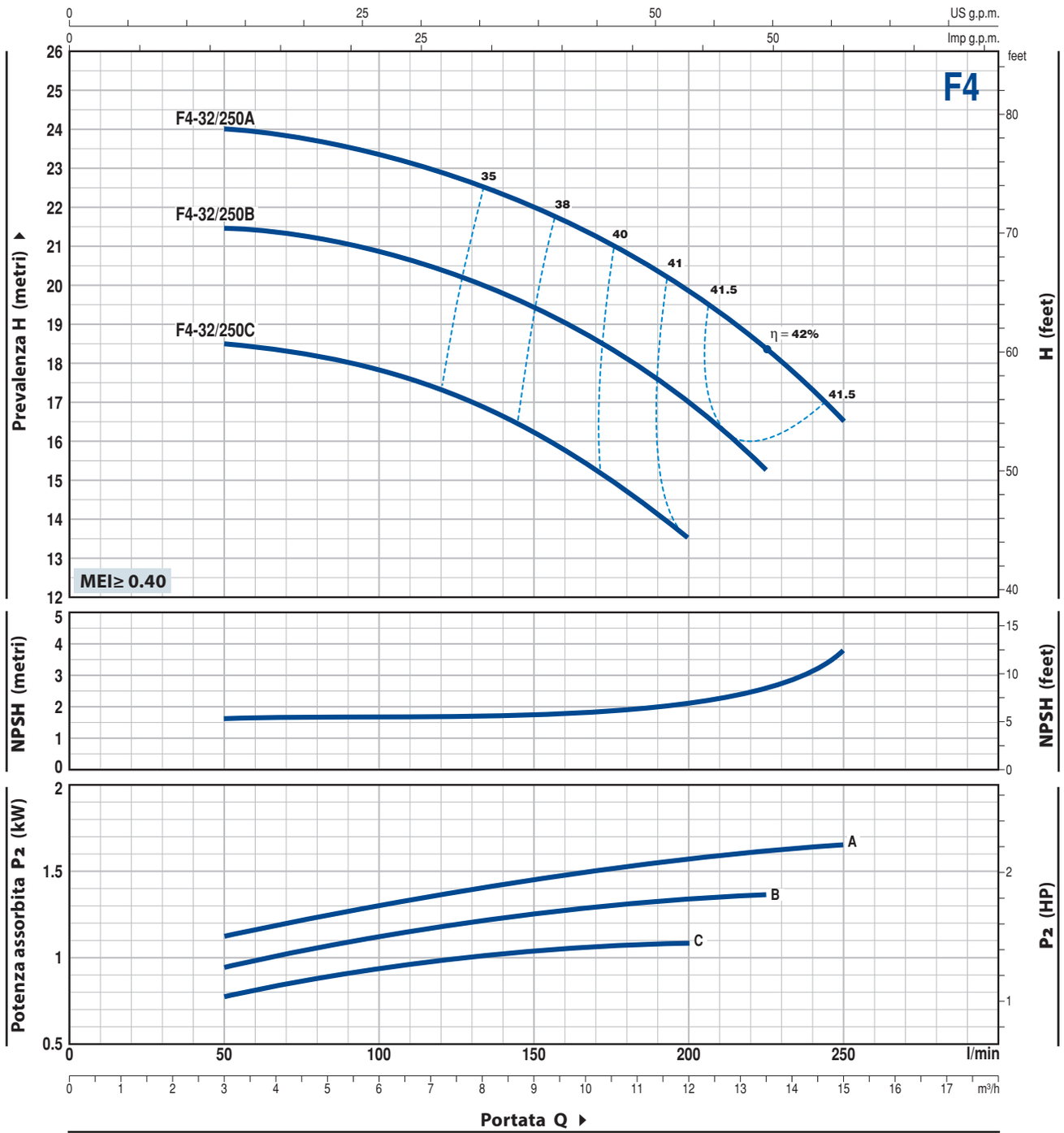
TIP	PUTERE (P2)		Q	m³/h	3	4.2	5.4	6.6	7.8	9	9.6
Trifazic	kW	HP		l/min	**50**	**70**	**90**	**110**	**130**	**150**	**160**
F4-32/200BH	0.75	1	**H**	metri	11.3	11.1	10.8	10.5	10	9.2	
F4-32/200AH	0.75	1			13.8	13.6	13.3	12.8	12.2	11.5	11

= Debit H = Inaltimea de pompare manometrica totala HS = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	3	4.5	6	7.5	9	10.5	12	13.5	15
Trifazic	kW	HP		l/min	50	75	100	125	150	175	200	225	250
F4-32/250C	1.1	1.5	H	metri	18.5	18.2	17.8	17.2	16.2	15	13.5		
F4-32/250B	1.5	2			21.5	21.2	20.8	20.2	19.5	18.2	17	15.5	
F4-32/250A	2.2	3			24	23.7	23.3	22.7	22	21	19.8	18.3	16.5

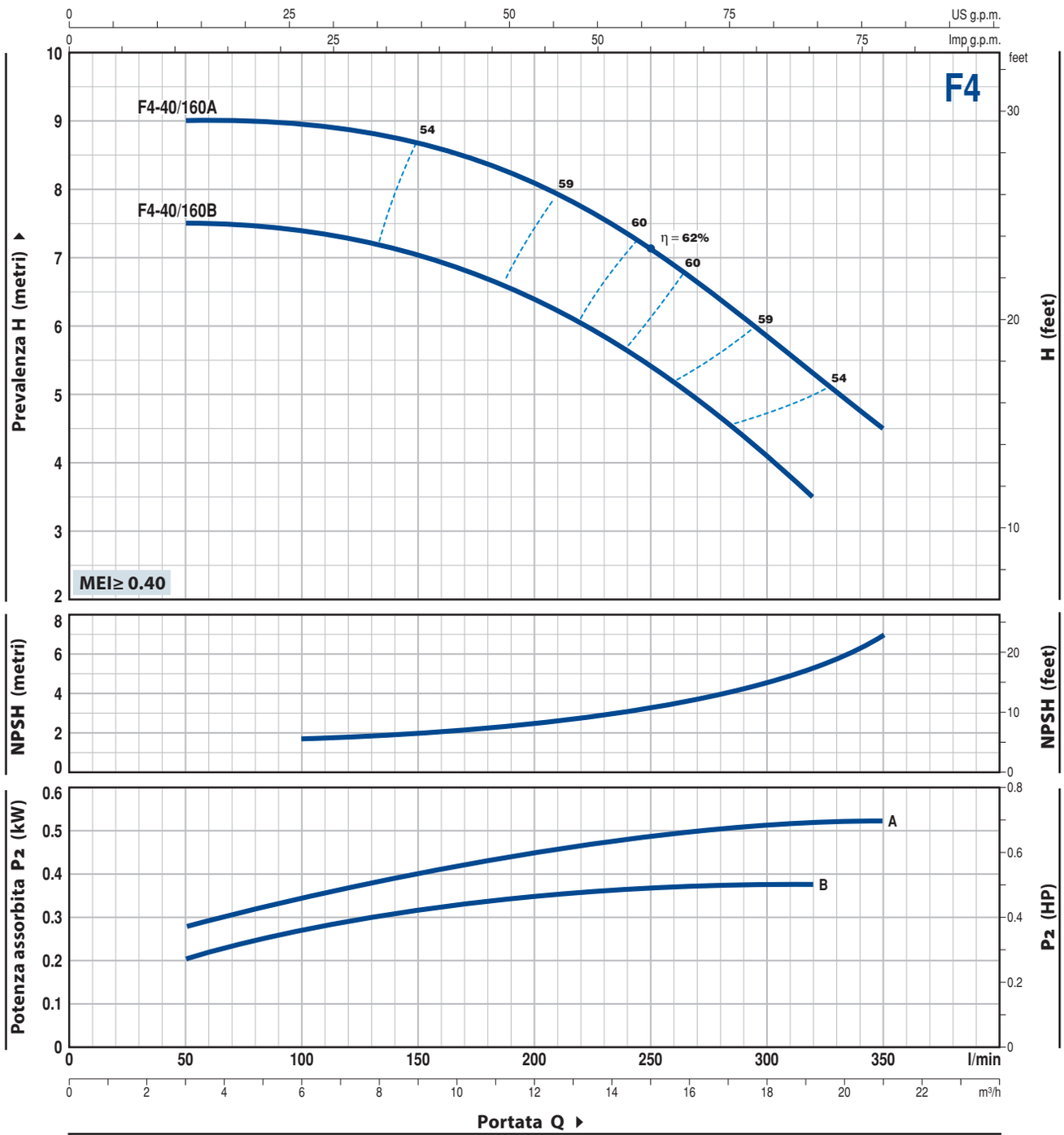
= Debit H = Inaltimea de pompare manometrica totala HS = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-40/160

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



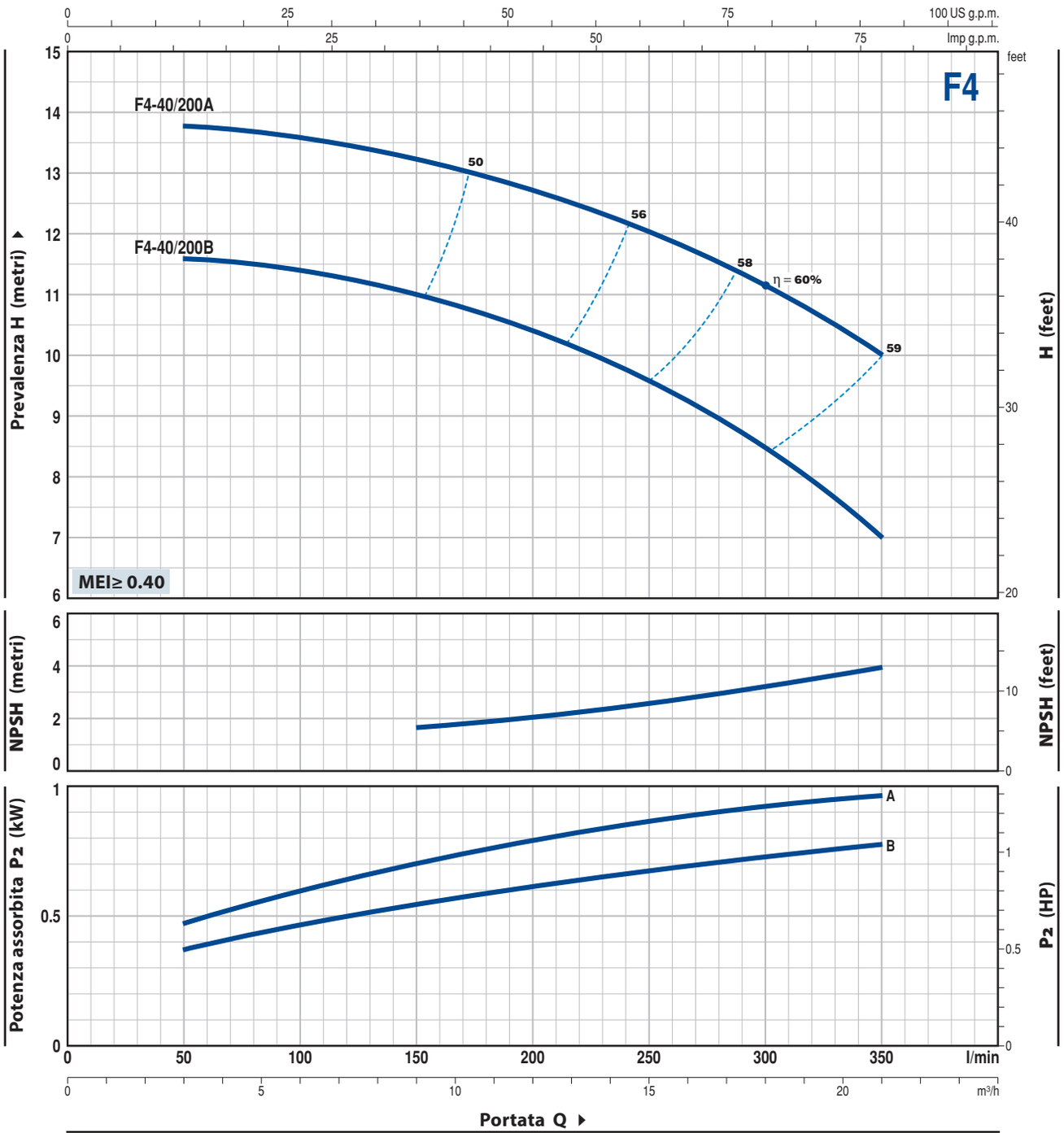
TIP	PUTERE(P2)		Q	m³/h	3	6	9	12	15	18	19.2	21
Trifazic	kW	HP		l/min	**50**	**100**	**150**	**200**	**250**	**300**	**320**	**350**
F4-40/160B	0.37	0.5	**H**	metri	7.5	7.4	7	6.4	5.4	4.1	3.5	
F4-40/160A	0.55	0.75			9	8.9	8.7	8.1	7.1	5.8	5.3	4.5

Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	3	6	9	12	15	18	21
Trifazic	kW	HP		l/min	**50**	**100**	**150**	**200**	**250**	**300**	**350**
F4-40/200B	0.75	1	**H**	metri	11.5	11.4	11	10.4	9.5	8.5	7
F4-40/200A	1.1	1.5			13.8	13.6	13.2	12.7	12	11.1	10

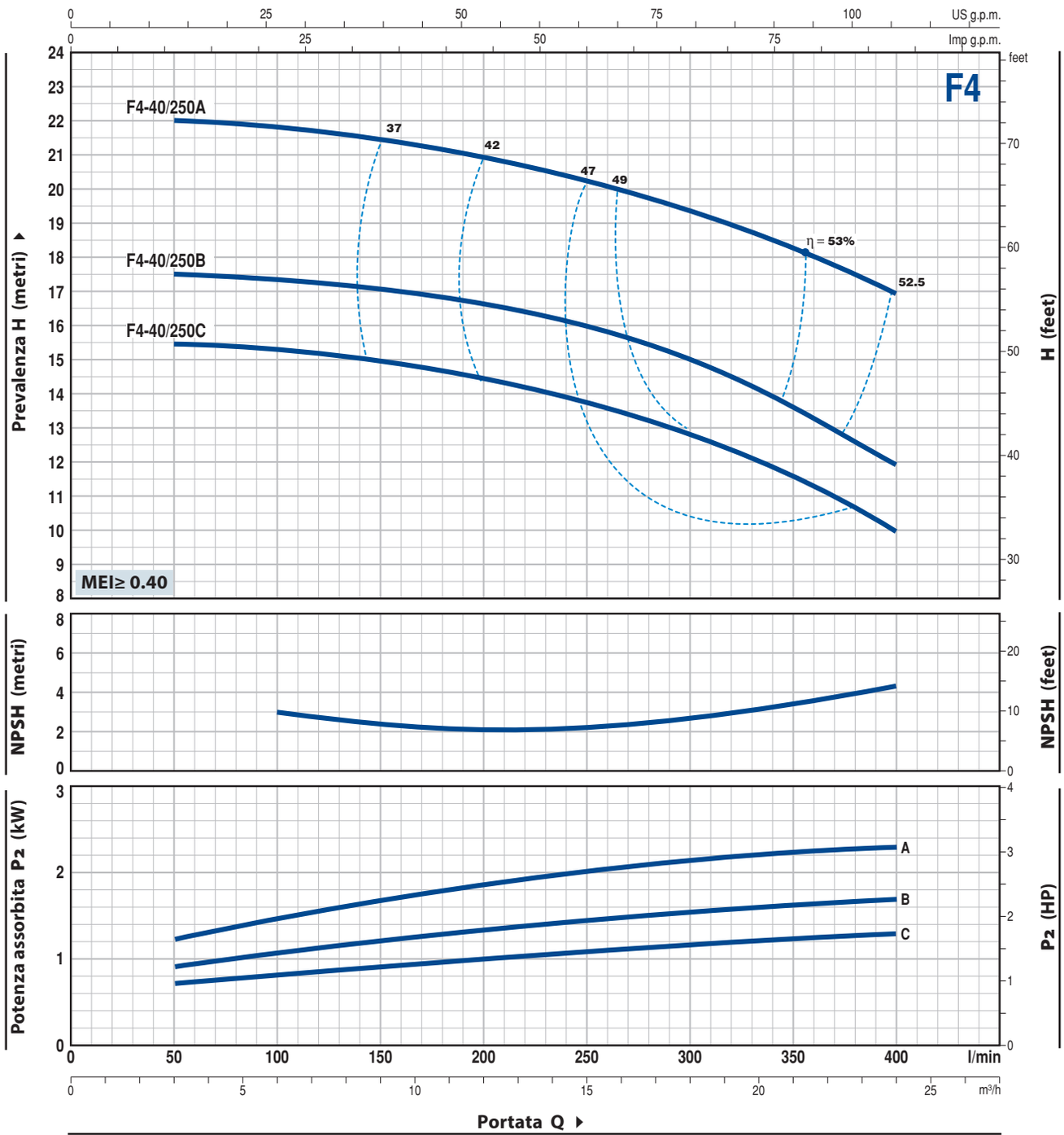
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-40/250

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



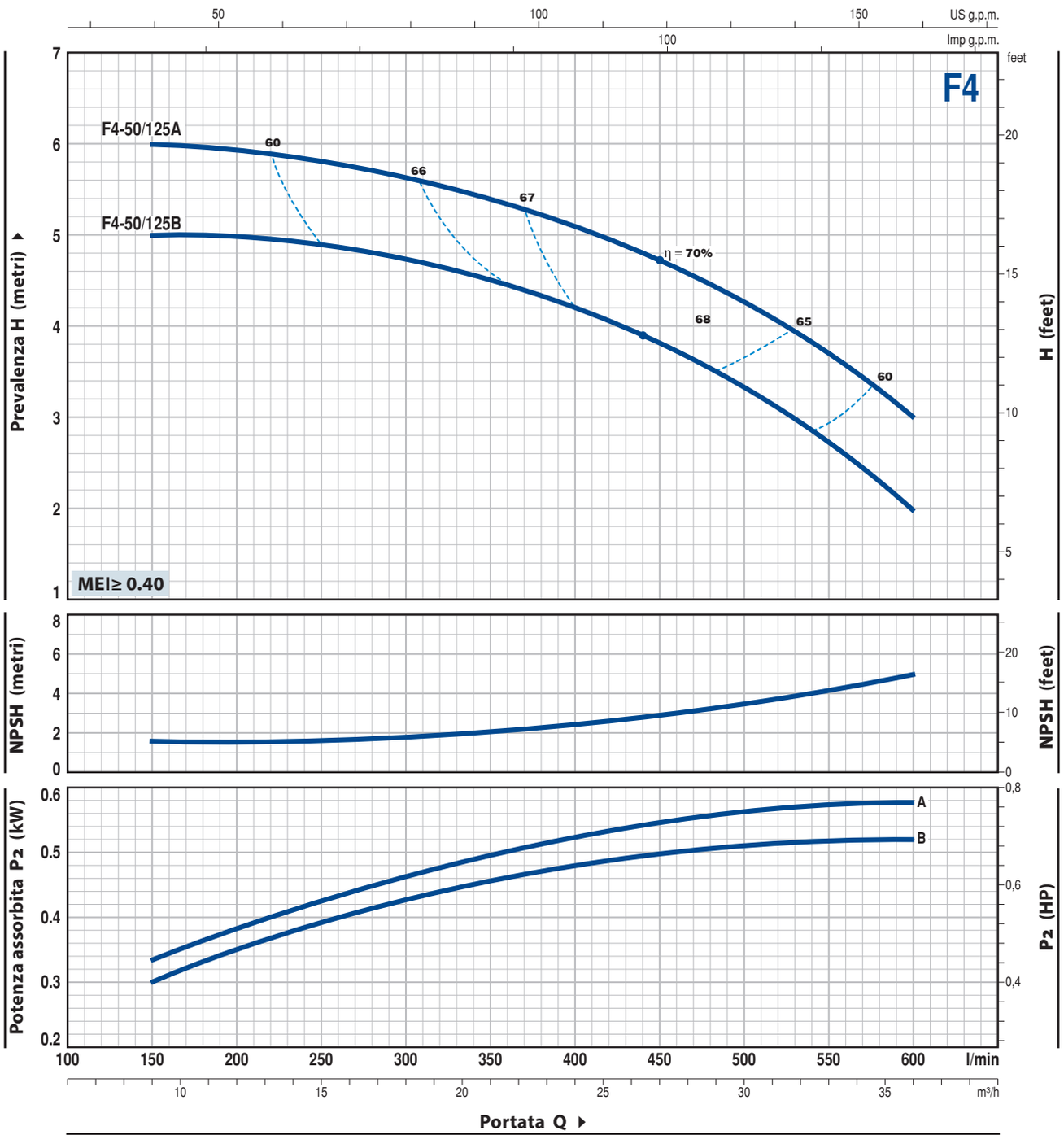
TIP	PUTERE (P2)		Q	m³/h	3	6	9	12	15	18	21	24
Trifazic	kW	HP		l/min	**50**	**100**	**150**	**200**	**250**	**300**	**350**	**400**
F4-40/250C	1.1	1.5	H	metri	15.5	15.2	15	14.5	13.6	12.9	11.5	10
F4-40/250B	1.5	2			17.5	17.2	17	16.5	16	15	13.5	12
F4-40/250A	2.2	3			22	21.9	21.5	21	20.2	19.2	18.2	17

Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE(P2)		Q	m³/h	9	12	15	17	21	24	27	30	33	36
Trifazic	kW	HP		l/min	**150**	**200**	**250**	**300**	**350**	**400**	**450**	**500**	**550**	**600**
F4-50/125B	0.55	0.75	**H**	metri	5	5	4.9	4.7	4.5	4.2	3.8	3.3	2.7	2
F4-50/125A	0.55	0.75			6	5.9	5.8	5.6	5.4	5.1	4.7	4.2	3.7	3

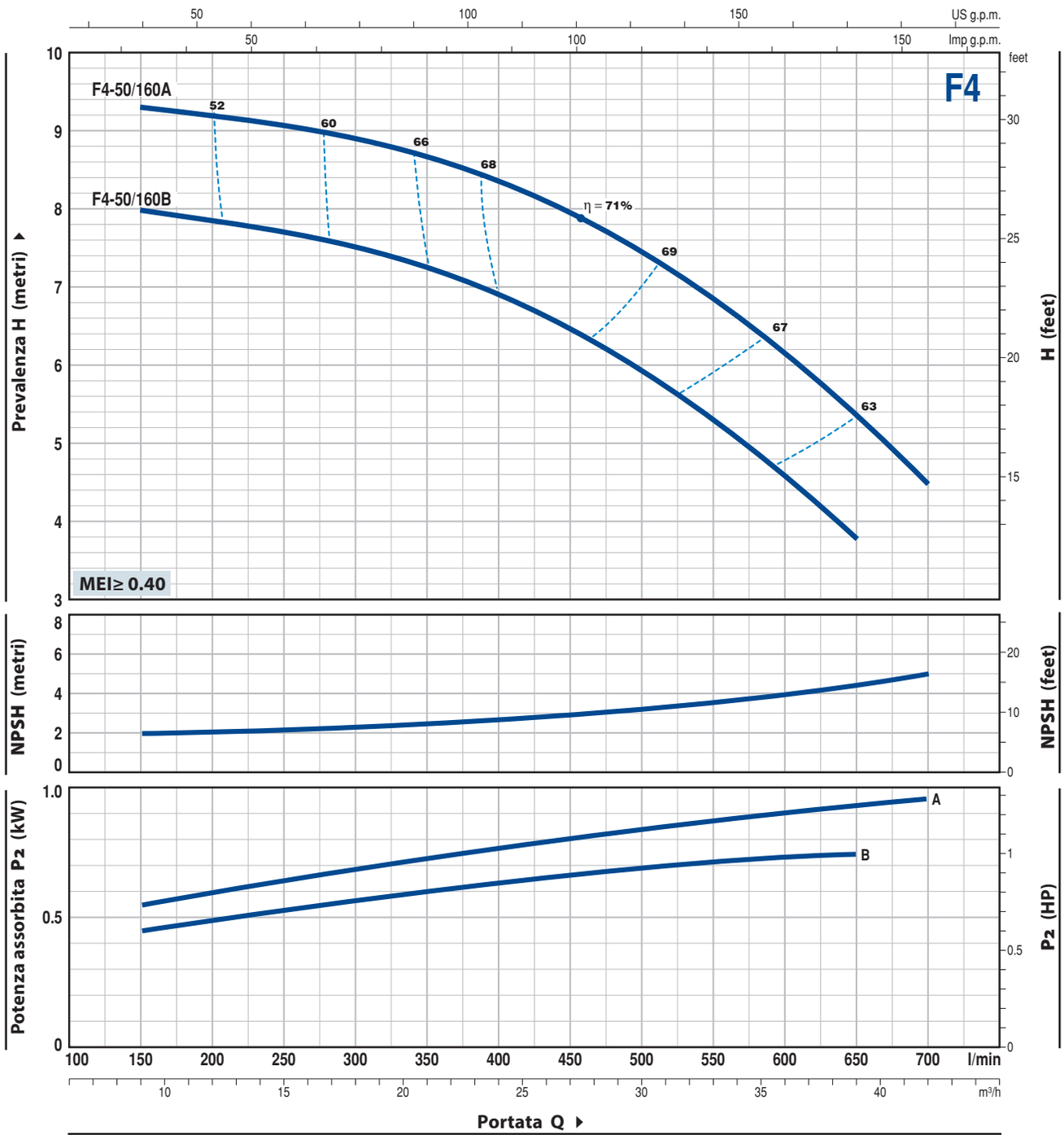
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-50/160

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



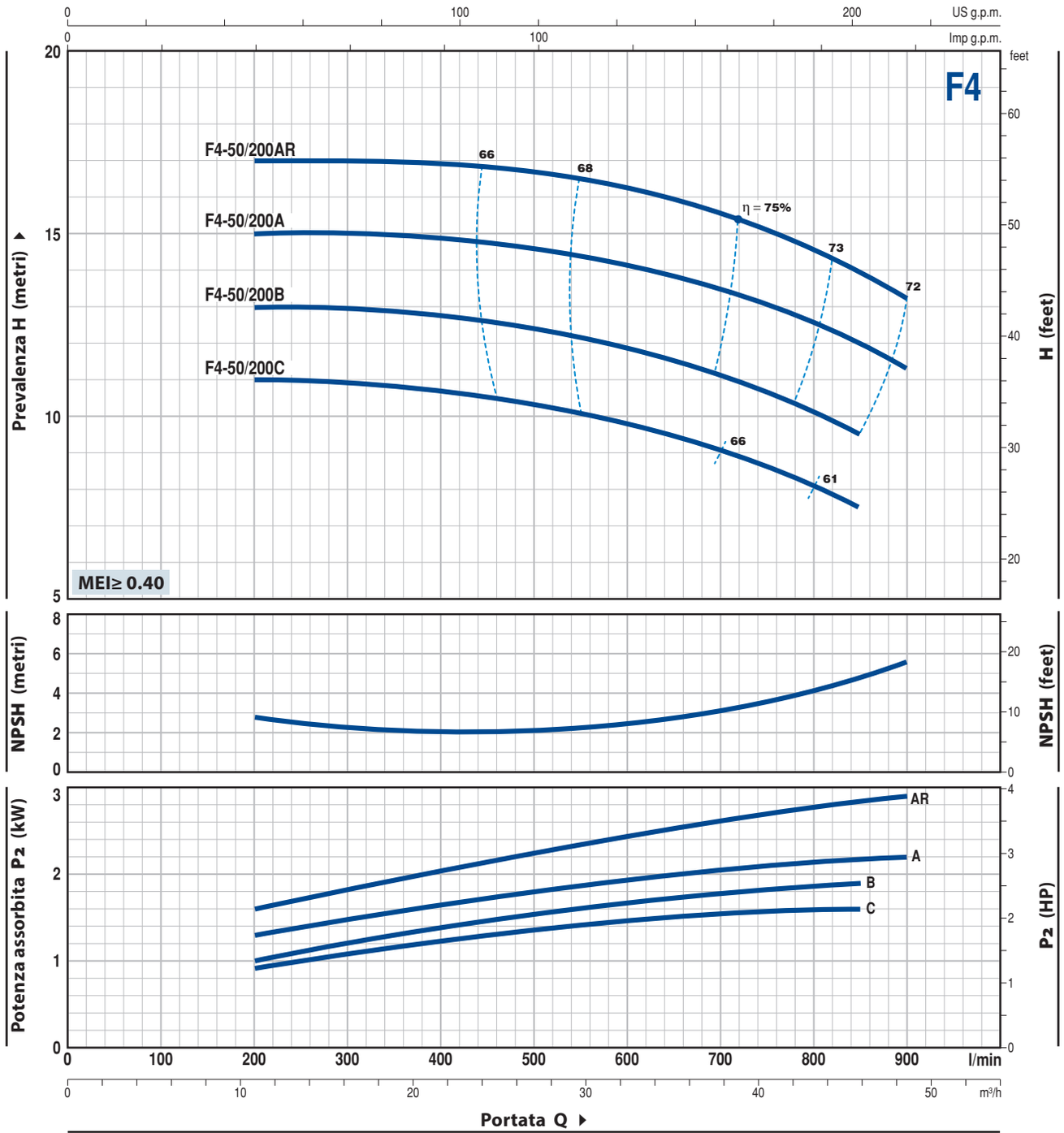
TIP	PUTERE (P2)		Q	m³/h	9	12	15	17	21	24	27	30	33	36	39	42
Trifazic	kW	HP		l/min	150	200	250	300	350	400	450	500	550	600	650	700
F4-50/160B	0.75	1	H	metri	8	7.8	7.7	7.5	7.2	6.9	6.5	5.9	5.3	4.6	3.8	
F4-50/160A	1.1	1.5			9.3	9.2	9.1	8.9	8.7	8.4	8	7.4	6.8	6.2	5.4	4.5

Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE(P2)		Q	m³/h	12	17	24	30	36	42	48	51	54
Trifazic	kW	HP		l/min	200	300	400	500	600	700	800	850	900
F4-50/200C	1.5	2	H	metri	11	11	10.8	10.3	9.8	9	8	7.5	
F4-50/200B	2.2	3			13	13	12.8	12.4	11.9	11.1	10.1	9.5	
F4-50/200A	2.2	3			15	15	14.9	14.6	14.1	13.5	12.5	12	11.2
F4-50/200AR	3	4			17	17	16.9	16.7	16.2	15.5	14.5	14	13.2

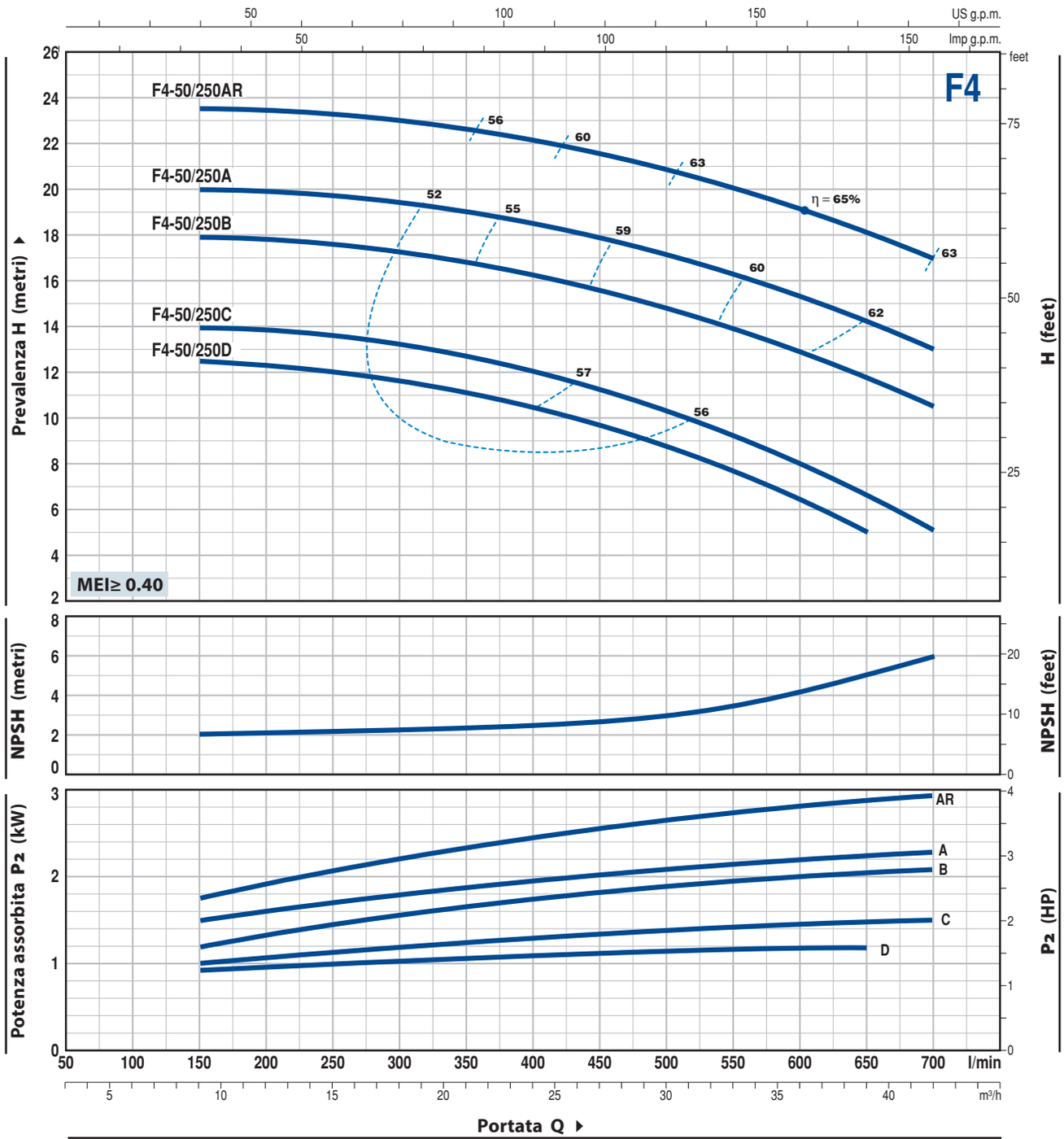
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-50/250

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



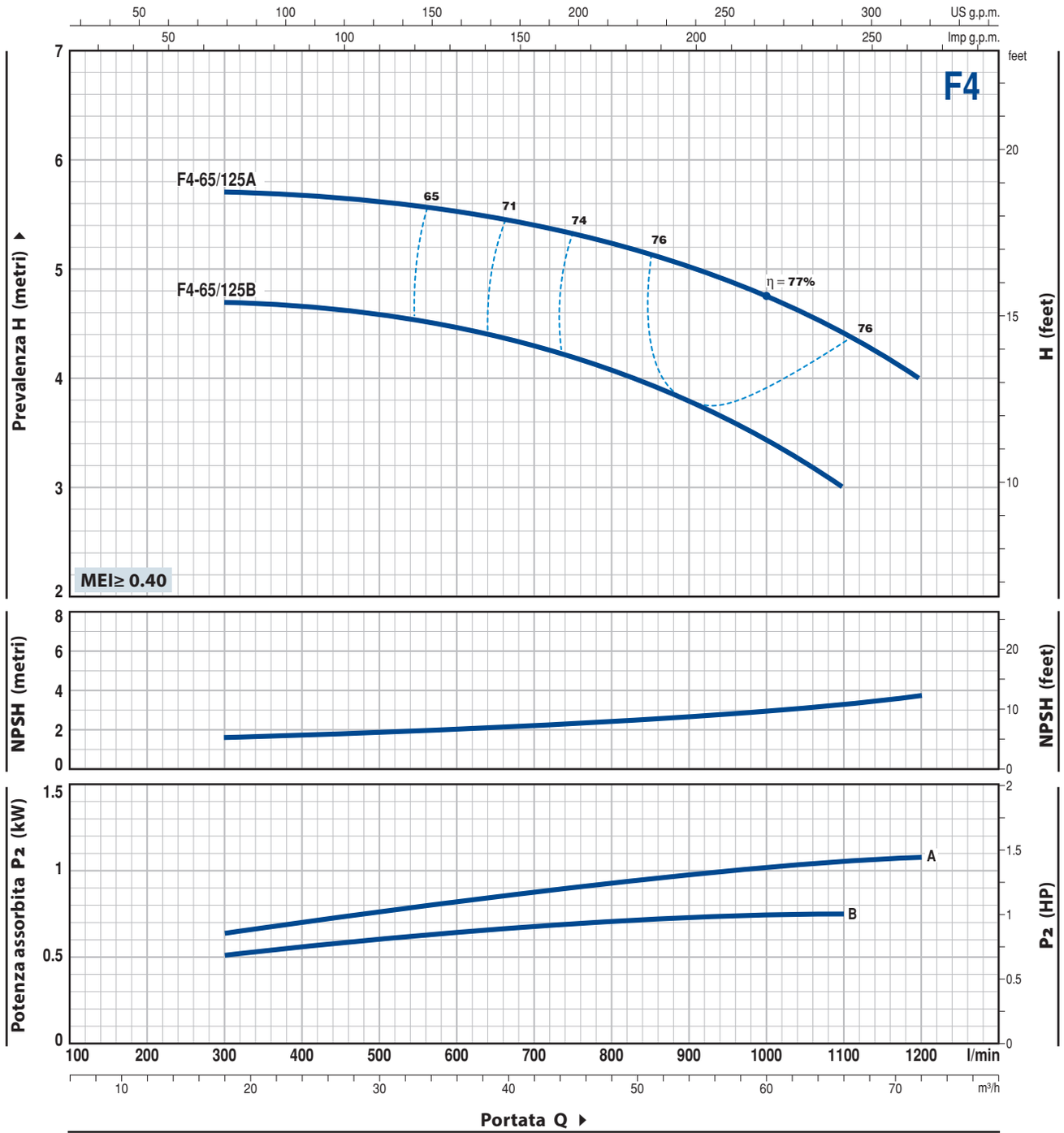
TIP	PUTERE (P2)		Q	m³/h	9	12	15	18	21	24	27	30	33	36	39	42
Trifazic	kW	HP		l/min	150	200	250	300	350	400	450	500	550	600	650	700
F4-50/250D	1.1	1.5	H	metri	12.5	12.3	12	11.5	11.1	10.5	9.8	8.8	7.8	6.5	5	
F4-50/250C	1.5	2			14	13.9	13.6	13.2	12.8	12	11.2	10.2	9.2	8	6.6	5
F4-50/250B	2.2	3			18	17.9	17.6	17.2	16.8	16.2	15.5	14.8	14	13	11.8	10.5
F4-50/250A	2.2	3			20	19.9	19.7	19.5	19	18.5	18	17.2	16.2	15.3	14.2	13
F4-50/250AR	3	4			23.5	23.4	23.2	23	22.6	22.1	21.6	21	20	19	18	17

Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	18	24	30	36	42	48	54	60	66	72
Trifazic	kW	HP		l/min	**300**	**400**	**500**	**600**	**700**	**800**	**900**	**1000**	**1100**	**1200**
F4-65/125B	0.75	1	**H**	metri	4.7	4.7	4.6	4.5	4.3	4.1	3.8	3.4	3	
F4-65/125A	1.1	1.5			5.7	5.7	5.6	5.5	5.4	5.2	5	4.7	4.4	4

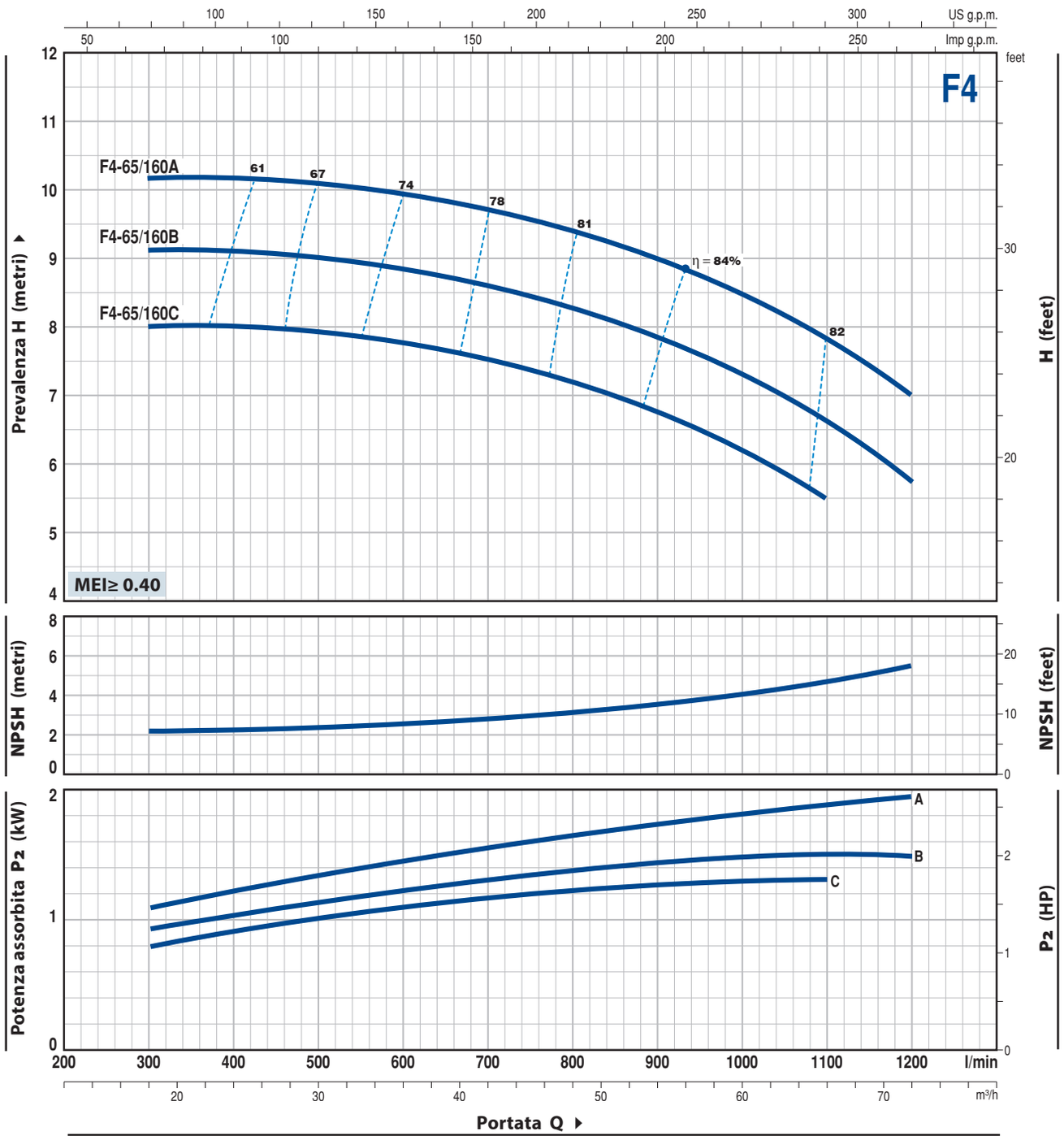
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-65/160

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	18	24	30	36	42	48	54	60	66	72
Trifazic	kW	HP		l/min	300	400	500	600	700	800	900	1000	1100	1200
F4-65/160C	1.1	1.5	H	metri	8	8	7.9	7.7	7.5	7.2	6.7	6.2	5.5	
F4-65/160B	1.5	2			9.1	9.1	9	8.8	8.6	8.3	7.8	7.3	6.6	5.7
F4-65/160A	2.2	3			10.1	10.1	10.1	9.9	9.7	9.4	9	8.5	7.8	7

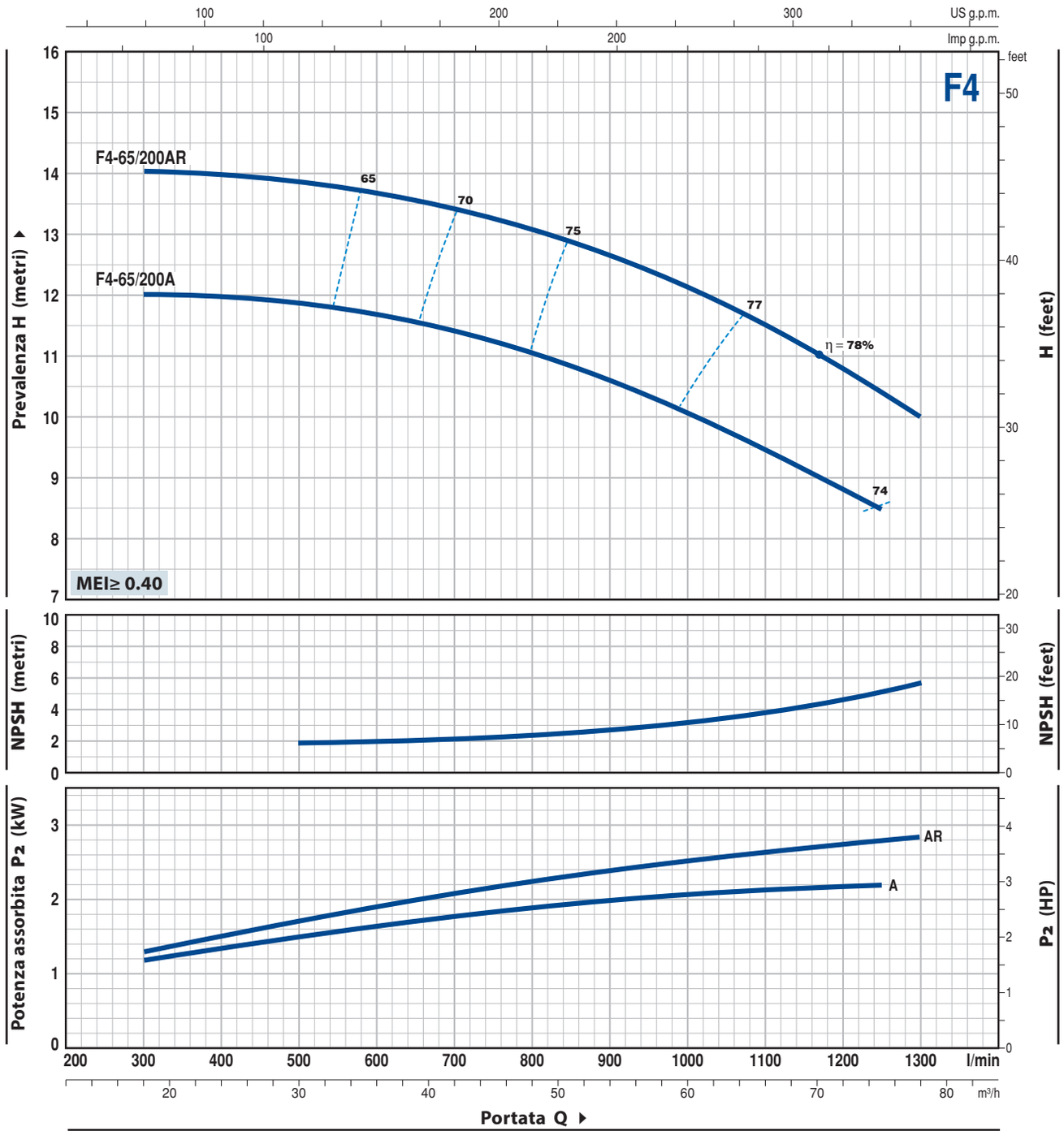
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-65/200

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	18	24	30	36	42	48	54	60	66	72	75	78
Trifazic	kW	HP		l/min	**300**	**400**	**500**	**600**	**700**	**800**	**900**	**1000**	**1100**	**1200**	**1250**	**1300**
F4-65/200A	2.2	3	**H**	metri	12	12	11.9	11.6	11.4	11	10.6	10.1	9.5	8.8	8.5	
F4-65/200AR	3	4			14	13.9	13.8	13.6	13.4	13.1	12.7	12.1	11.5	10.8	10.3	10

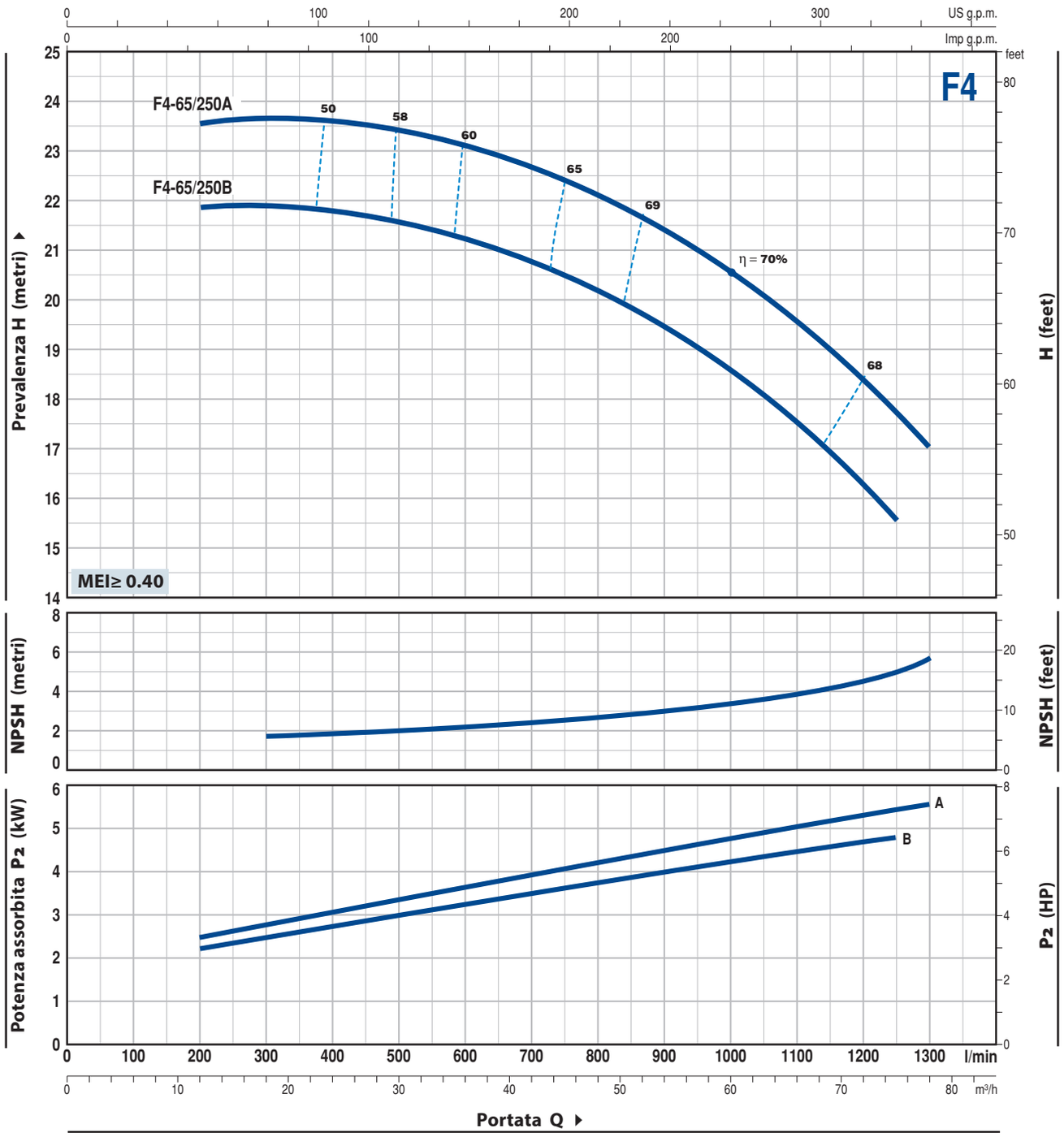
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-65/250

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



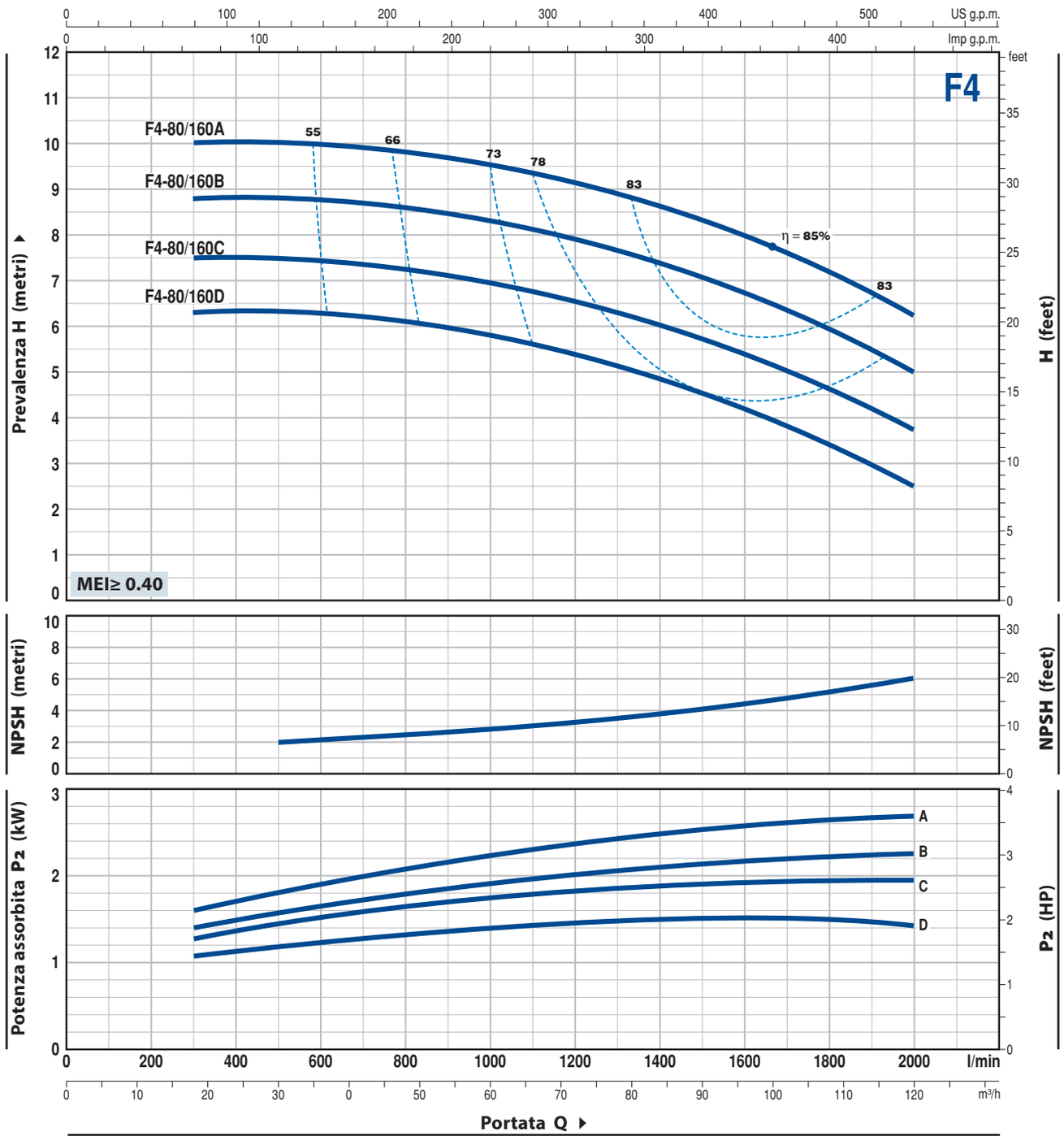
TIP	PUTERE (P2)		Q	m³/h	12	18	24	30	36	42	48	54	60	66	72	75	78
Trifazic	kW	HP		l/min	**200**	**300**	**400**	**500**	**600**	**700**	**800**	**900**	**1000**	**1100**	**1200**	**1250**	**1300**
F4-65/250B	4	5.5	**H**	metri	21.8	21.8	21.7	21.5	21.2	20.7	20.2	19.5	18.6	17.5	16.2	15.5	
F4-65/250A	5.5	7.5			23.5	23.5	23.5	23.4	23.1	22.6	22.1	21.5	20.5	19.6	18.5	17.8	17

Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	18	24	36	48	60	72	84	96	108	120
Trifazic	kW	HP		l/min	300	400	600	800	1000	1200	1400	1600	1800	2000
F4-80/160D	1.5	2	H	metri	6.3	6.3	6.3	6.1	5.8	5.4	4.8	4.2	3.4	2.5
F4-80/160C	2.2	3			7.5	7.5	7.4	7.3	6.9	6.5	6	5.4	4.6	3.8
F4-80/160B	2.2	3			8.8	8.8	8.8	8.6	8.3	7.9	7.4	6.7	5.9	5
F4-80/160A	3	4			10	10	10	9.8	9.5	9.1	8.6	8	7.2	6.2

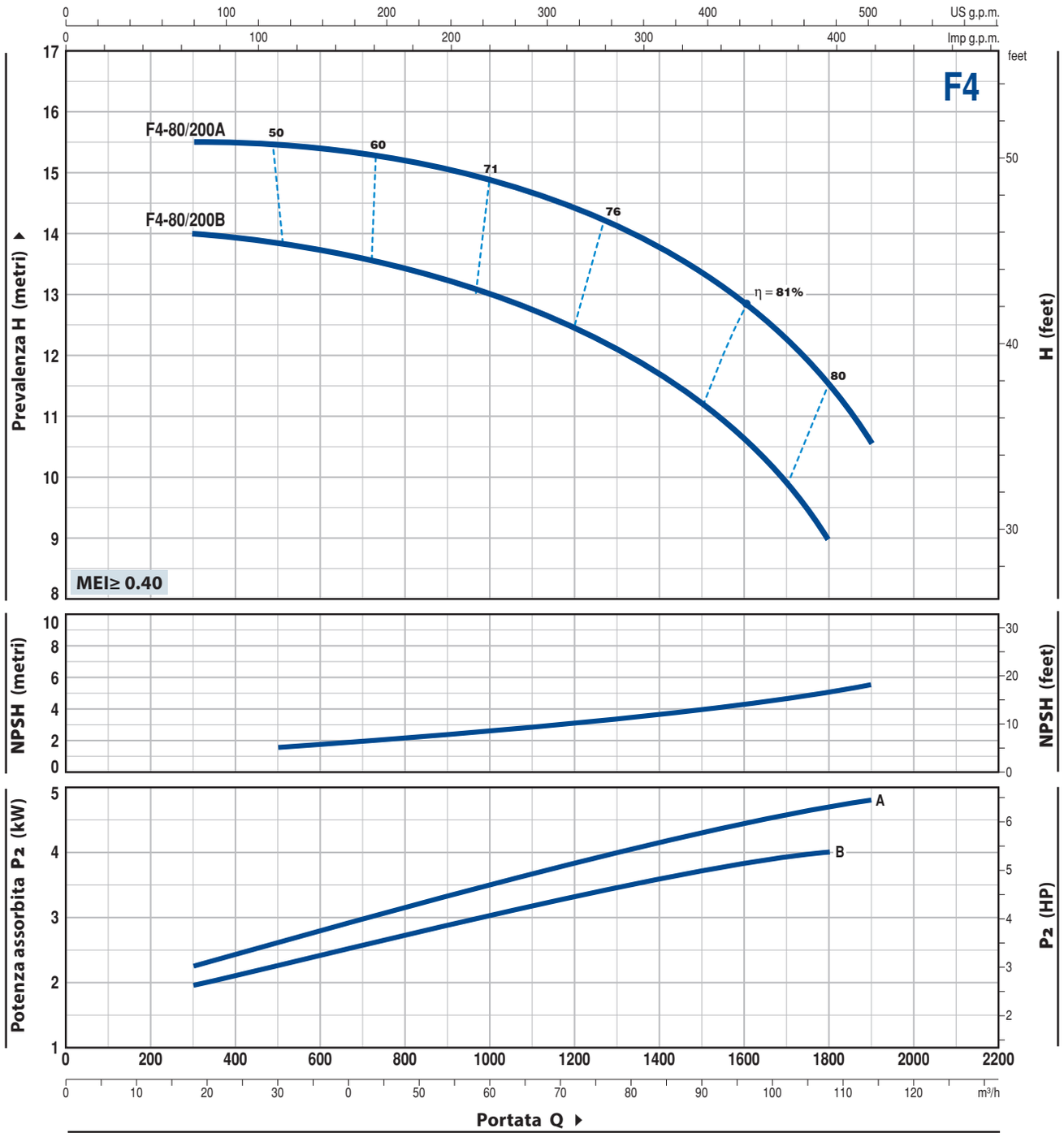
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-80/200

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	18	24	36	48	60	72	84	96	108	114
Trifazic	kW	HP		l/min	300	400	600	800	1000	1200	1400	1600	1800	1900
F4-80/200B	4	5.5	H	metri	14	13.9	13.7	13.4	13	12.5	11.7	10.6	9	
F4-80/200A	5.5	7.5			15.5	15.5	15.4	15.2	14.8	14.5	13.7	12.8	11.5	10.5

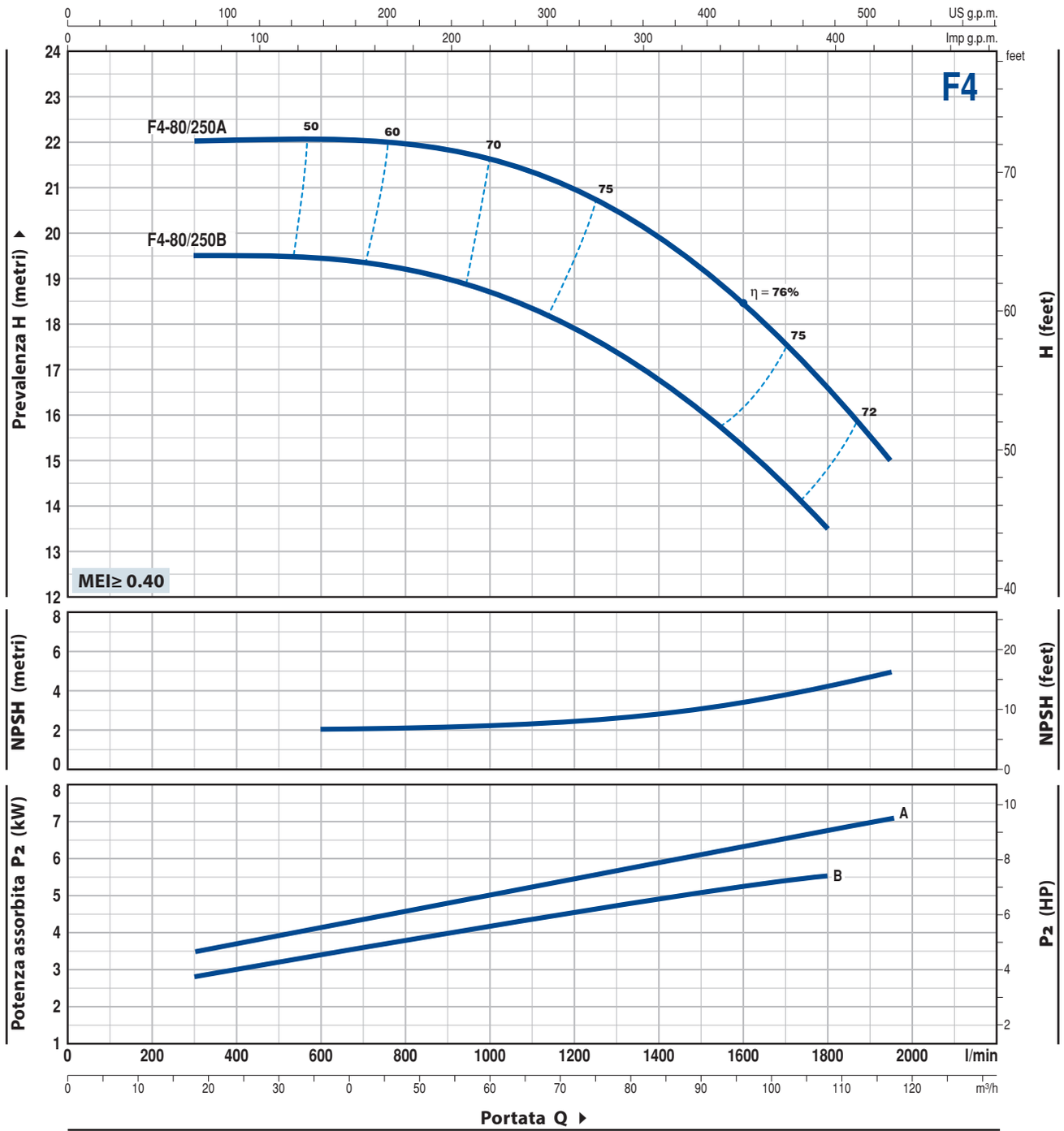
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-80/250

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE(P2)		Q	m³/h	18	24	36	48	60	72	84	96	108	117
Trifazic	kW	HP		l/min	**300**	**400**	**600**	**800**	**1000**	**1200**	**1400**	**1600**	**1800**	**1950**
F4-80/250B	5.5	7.5	H	metri	19.5	19.5	19.5	19.2	18.7	17.9	16.7	15.3	13.5	
F4-80/250A	7.5	10			22	22	22	21.9	21.6	21	20	18.5	16.5	15

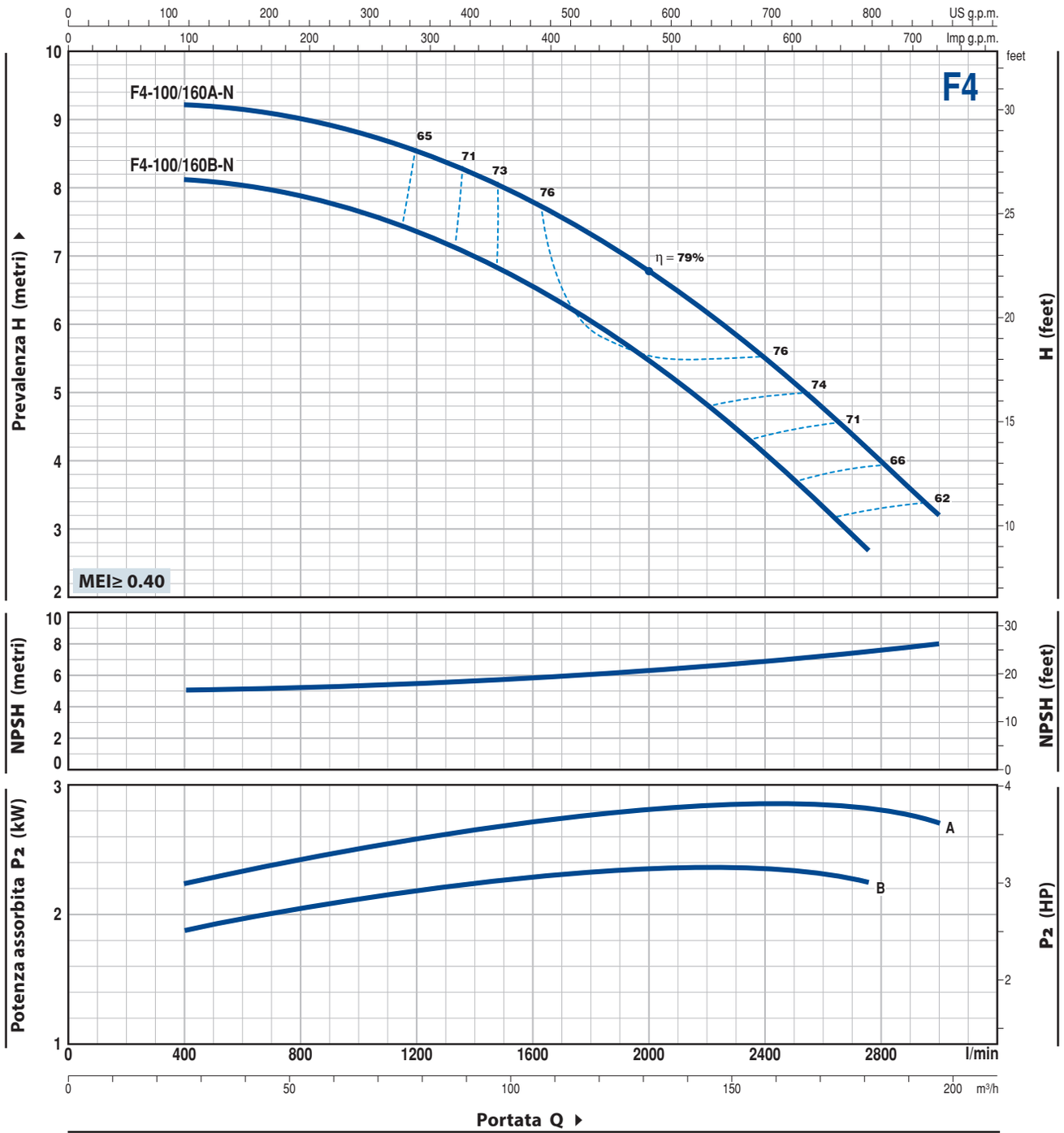
Q = Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-100/160

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	24	48	72	96	120	144	165	180
Trifazic	kW	HP		l/min	**400**	**800**	**1200**	**1600**	**2000**	**2400**	**2750**	**3000**
F4-100/160B-N	2.2	3	**H**	metri	8.1	7.9	7.3	6.5	5.5	4.1	2.7	
F4-100/160A-N	3	4			9.2	9	8.5	7.8	6.8	5.5	4.2	3.2

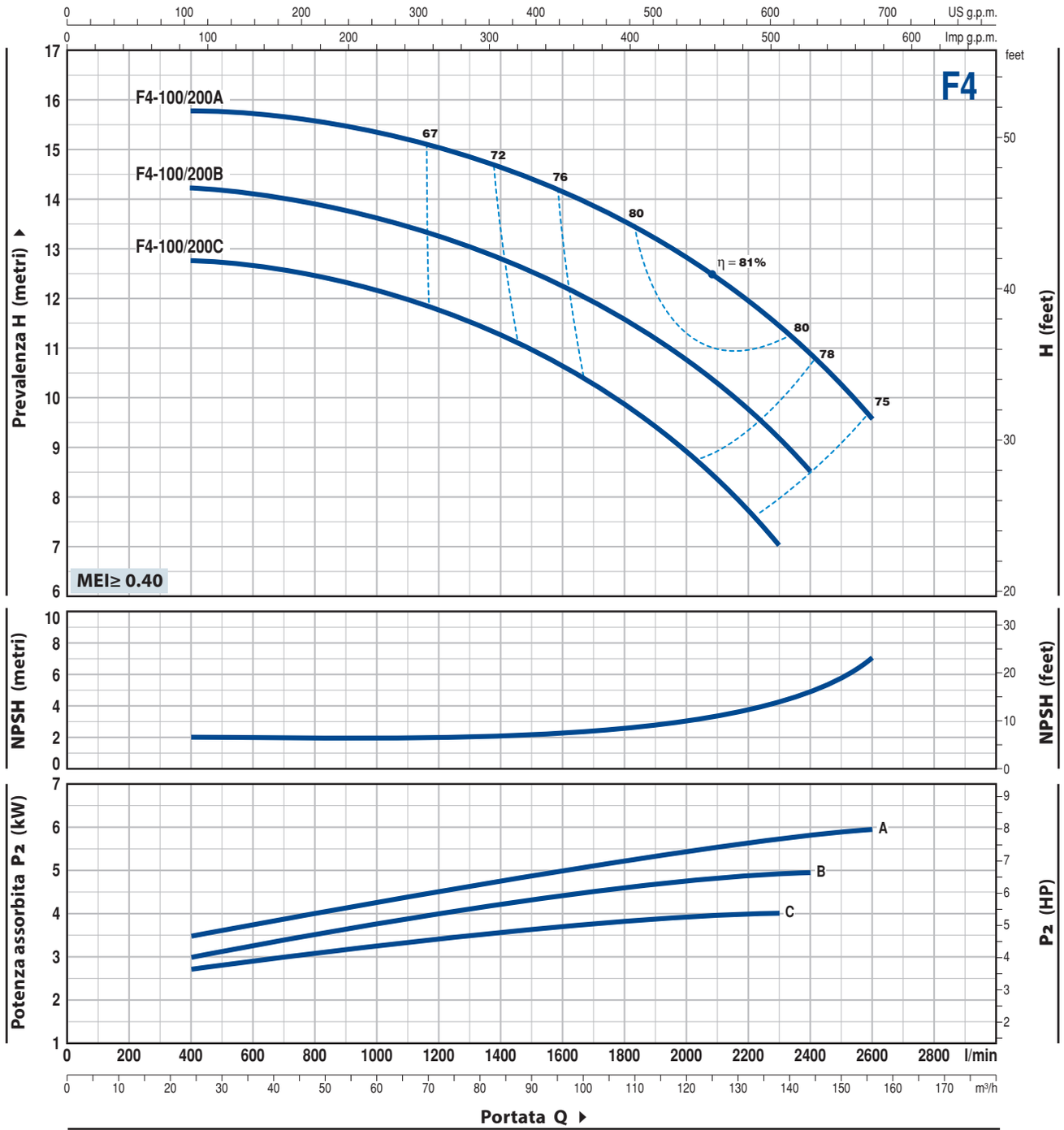
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-100/200

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	24	36	48	60	72	84	96	108	120	138	144	156
Trifazic	kW	HP		l/min	400	600	800	1000	1200	1400	1600	1800	2000	2300	2400	2600
F4-100/200C	4	5.5	H	metri	12.7	12.6	12.5	12.2	11.8	11.3	10.6	9.9	8.9	7		
F4-100/200B	5.5	7.5			14.2	14.1	13.9	13.6	13.3	12.8	12.2	11.6	10.7	9.2	8.5	
F4-100/200A	5.5	7.5			15.8	15.7	15.6	15.4	15	14.6	14.2	13.5	12.8	12	11.4	9.5

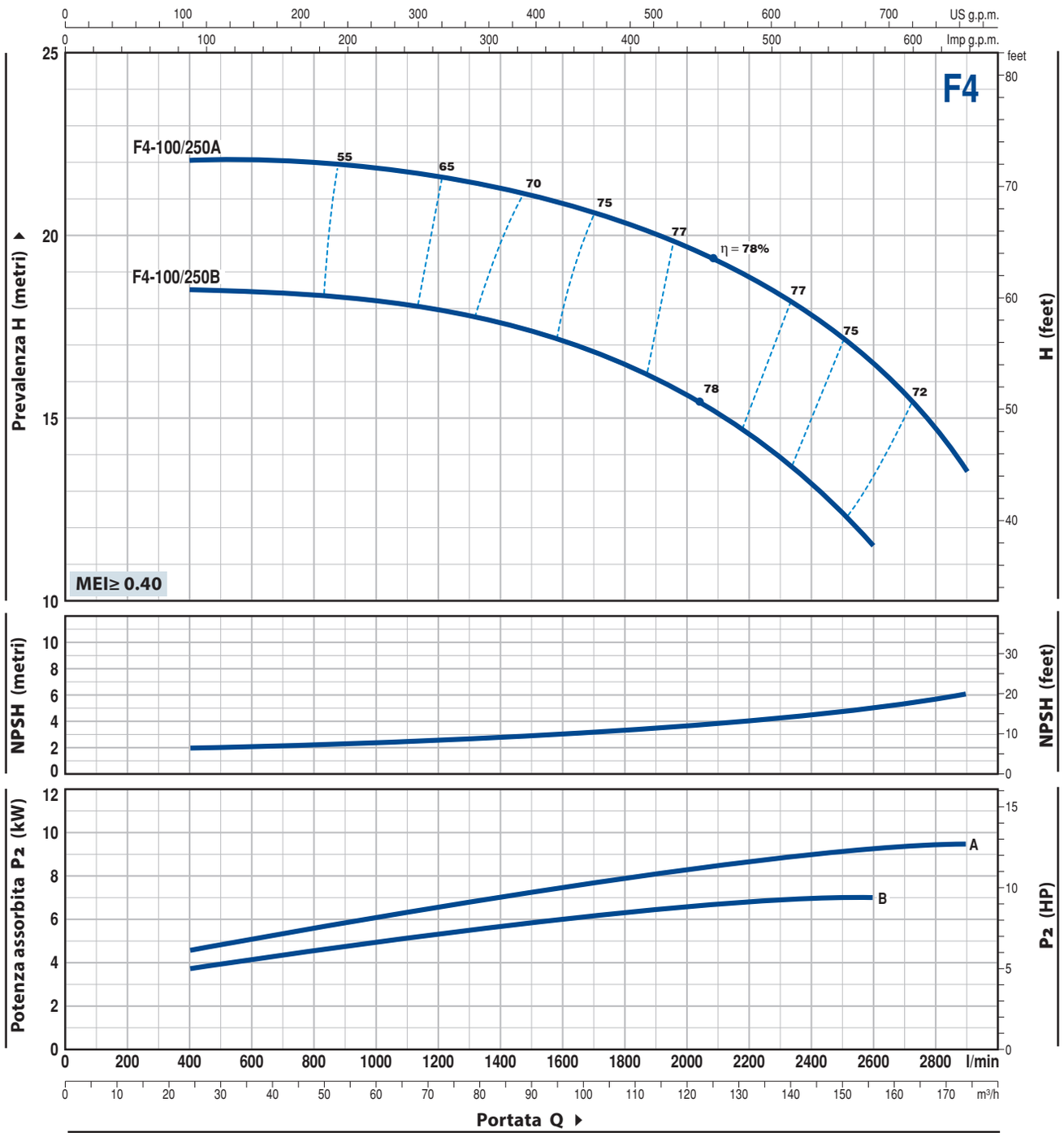
Q= Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

F4-100/250

CURBE DE FUNCTIONARE

50 Hz **n= 1450 rpm** HS= 0 m



TIP	PUTERE (P2)		Q	m³/h	24	36	48	60	72	84	96	108	120	132	144	156	174
Trifazic	kW	HP		l/min	**400**	**600**	**800**	**1000**	**1200**	**1400**	**1600**	**1800**	**2000**	**2200**	**2400**	**2600**	**2900**
F4-100/250B	7.5	10	**H**	metri	18.5	18.5	18.3	18.2	18	17.5	17.1	16.5	15.7	14.5	13.2	11.5	
F4-100/250A	9.2	12.5			22	22	22	21.8	21.6	21.2	20.9	20.3	19.7	18.9	17.9	16.5	13.5

Q = Debit **H** = Inaltimea de pompare manometrica totala **HS** = Inaltimea de aspiratie

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3B.

POZ COMPONENTE — CARACTERISTICI DE CONSTRUCTIE

POZ	COMPONENTE	CARACTERISTICI DE CONSTRUCTIE
1	**CORP POMPA**	Fonta, prevazut cu racord de aspiratie si refulare cu flansa
2	**CAPAC**	Fonta
3	**TURBINA**	Alama pentru F4-32/160, 32/200, 40/160, 40/200, 50/125, 50/160
		Fonta pentru F4-32/250, 40/250, 50/200, 50/250, 65/125, 65/160, 65/200, 65/250, F4-80/160, 80/200, 80/250, 100/160, 100/200, 100/250
4	**ARBORE MOTOR**	Otel inoxidabil EN 10088-3 - 1.4104

5 PRESETUPA MECANICA

Electropompa *Tip*		*Presetupa* *Tip*	*Ax* *Diametru*	*Material* *Inel fix*	*Inel rotativ*	*Elastomer*
F4-32/160 F4-40/160	F4-50/125	**FN-20**	**Ø 20** mm	Grafit	Ceramica	NBR
F4-32/200 F4-40/200	F4-50/160 F4-65/125	**FN-24**	**Ø 24** mm	Grafit	Ceramica	NBR
F4-50/200 F4-65/200 F4-65/160	F4-80/160 F4-100/160	**FN-32 NU**	**Ø 32** mm	Grafit	Ceramica	NBR
F4-32/250 F4-40/250	F4-50/250	**FN-38**	**Ø 38** mm	Grafit	Ceramica	NBR
F4-65/250 F4-80/200	F4-100/200	**FN-40 NU**	**Ø 40** mm	Grafit	Ceramica	NBR
F4-80/250	F4-100/250	**FH-45 NU**	**Ø 45** mm	Grafit	Ceramica	NBR

6 RULMENTI

Electropompa	*Tip*
F4-32/160 F4-40/160 F4-50/125	**6206 ZZ-C3 / 6204 ZZ**
F4-32/200 F4-40/200 F4-50/160 F4-65/125	**6307 ZZ-C3 / 6206 ZZ-C3**

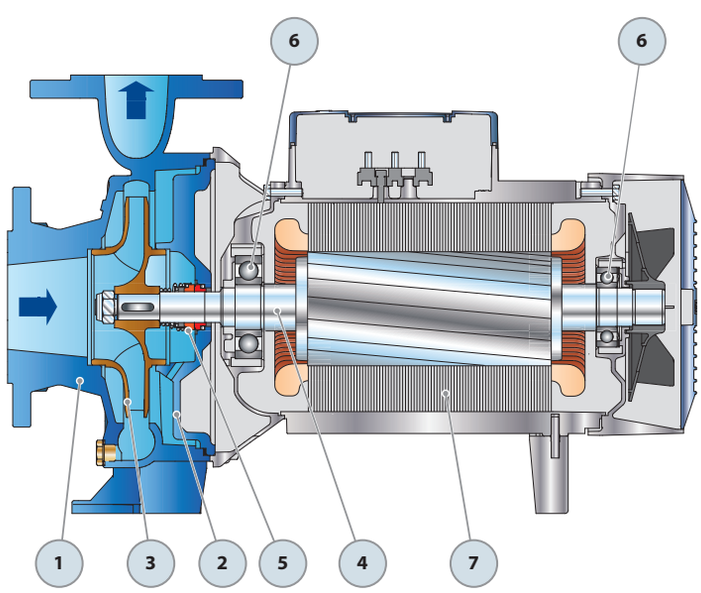
Electropompa	*Tip*
F4-32/250 F4-40/250 F4-50/200 F4-50/250 F4-65/160 F4-65/200 F4-80/160 F4-100/160	**6208 ZZ-C3 / 6206 ZZ-C3**
F4-65/250 F4-80/200 F4-80/250 F4-100/200 F4-100/250	**6310 ZZ-C3 / 6308 ZZ-C3**

7 MOTOR ELECTRIC

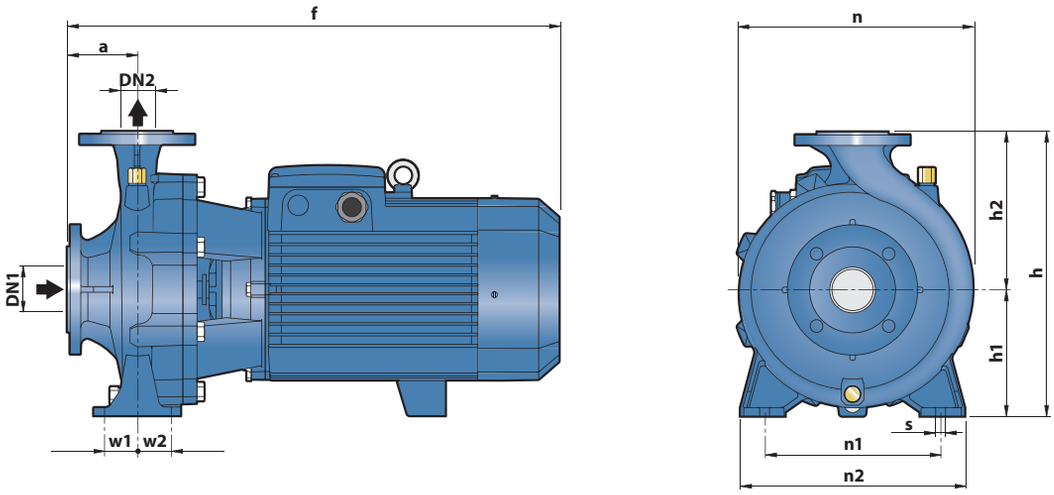
F4: 4 Poli trifazic 230/400 V - 50 Hz

➠ **Electropompele sunt echipate cu motoare de inalt randament clasa IE2 pana la P_2=1.1 kW si clasa IE3 de la P_2=1.5 kW (IEC 60034-30)**

– Izoltie clasa F
– Protectie: IP X5

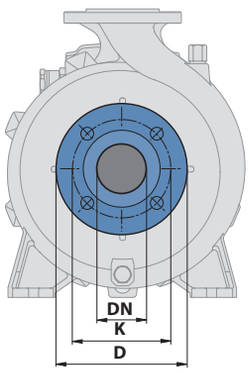


DIMENSIUNI SI GREUTATI



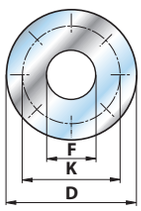
TIP	DIMENSIUNImm												kg
Trifazic	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	
F4-32/160B	50	32	80	412	292	132	160	242	190	240	35	35	14	31.2
F4-32/160A														31.3
F4-32/200B				469	340	160	180	270						43.4
F4-32/200A														43.5
F4-32/200BH														42.3
F4-32/200AH														42.4
F4-32/250C			100	522	405	180	225	330	250	320	405	47.5		59.7
F4-32/250B														63.1
F4-32/250A				568										68.7
F4-40/160B	65	40	80	412	292	132	160	240	190	240	35	35	14	32.5
F4-40/160A														32.9
F4-40/200B			100	489	340	160	180	275	212	265				46.0
F4-40/200A														46.1
F4-40/250C				522	405	180	225	328	250	320	47.5	47.5		59.7
F4-40/250B														63.1
F4-40/250A				568										68.7
F4-50/125B	65	50	100	431	292	132	160	242	190	240	35	35	14	32.2
F4-50/125A														32.3
F4-50/160B				489	340	160	180	269	212	265				44.4
F4-50/160A														44.5
F4-50/200C				529	360		200	316						59.2
F4-50/200B				576										64.4
F4-50/200A														64.7
F4-50/200AR														68.8
F4-50/250D				522	405	180	225	337	250	320	47.5	47.5		59.9
F4-50/250C														63.3
F4-50/250B				568										68.7
F4-50/250A														69.1
F4-50/250AR														73.2
F4-65/125B	80	65	100	511	340	160	180	291	212	280	47.5	47.5	14	51.0
F4-65/125A														51.1
F4-65/160C				533	360		200	300						55.5
F4-65/160B														58.7
F4-65/160A				579										63.7
F4-65/200A				582	405	180	225	340	250	320				69.0
F4-65/200AR														73.0
F4-65/250B				627	450	200	250	373	280	360	60	60	18	123.8
F4-65/250A				722										139.6
F4-80/160D	100	80	125	565	405	180	225	330	250	320	47.5	47.5	14	62.1
F4-80/160C				611										67.3
F4-80/160B														67.5
F4-80/160A														71.4
F4-80/200B				655	430		250	360	280	345				114.4
F4-80/200A				750										130.2
F4-80/250B				768	480	200	280	405	315	400	60	60	18	149.5
F4-80/250A														166.0
F4-100/160B-N	125	100	125	622	480	200	280	362	280	360	60	60	18	70.7
F4-100/160A-N														78.1
F4-100/200C				657				391						124.1
F4-100/200B				752										139.8
F4-100/200A														140.1
F4-100/250B			140	789	505	225		422	315	400				173.5
F4-100/250A				821										182.9

FLANSE



DN FLANSE	D	K	GAURI	
mm	mm	mm	N°	Ø (mm)
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	
100	220	180		
125	250	210		

CONTRAFLANSA (disponibila separat)



DN FLANSE	F	D	K	GAURI	
mm	CONTRAFLANSA	mm	mm	N°	Ø (mm)
32	**1¼"**	140	100	4	18
40	**1½"**	150	110		
50	**2"**	165	125		
65	**2½"**	185	145		
80	**3"**	200	160	8	
100	**4"**	220	180		
125	**5"**	250	210		

ABSORTIA

TIP	TENSIUNE	
Trifazic	230÷240 V	400÷415 V
F4-32/160B	**1.9** A	**1.1** A
F4-32/160A	**2.3** A	**1.3** A
F4-32/200B	**3.6** A	**2.1** A
F4-32/200A	**4.0** A	**2.3** A
F4-32/200BH	**3.1** A	**1.8** A
F4-32/200AH	**3.5** A	**2.0** A
F4-32/250C	**4.5** A	**2.6** A
F4-32/250B	**5.7** A	**3.3** A
F4-32/250A	**9.0** A	**5.2** A
F4-40/160B	**2.1** A	**1.2** A
F4-40/160A	**2.8** A	**1.6** A
F4-40/200B	**3.6** A	**2.1** A
F4-40/200A	**4.2** A	**2.4** A
F4-40/250C	**4.5** A	**2.6** A
F4-40/250B	**6.1** A	**3.5** A
F4-40/250A	**9.0** A	**5.2** A
F4-50/125B	**2.4** A	**1.4** A
F4-50/125A	**2.6** A	**1.5** A
F4-50/160B	**3.6** A	**2.1** A
F4-50/160A	**4.2** A	**2.4** A
F4-50/200C	**6.1** A	**3.5** A
F4-50/200B	**8.0** A	**4.6** A
F4-50/200A	**9.0** A	**5.2** A
F4-50/200AR	**11.8** A	**6.8** A
F4-50/250D	**4.5** A	**2.6** A
F4-50/250C	**5.9** A	**3.4** A
F4-50/250B	**8.5** A	**4.9** A
F4-50/250A	**9.9** A	**5.7** A
F4-50/250AR	**11.8** A	**6.8** A

TIP	TENSIUNE	
Trifazic	230÷240 V	400÷415 V
F4-65/125B	**3.6** A	**2.1** A
F4-65/125A	**4.5** A	**2.6** A
F4-65/160C	**4.7** A	**2.7** A
F4-65/160B	**5.9** A	**3.4** A
F4-65/160A	**7.8** A	**4.5** A
F4-65/200A	**9.0** A	**5.2** A
F4-65/200AR	**11.8** A	**6.8** A
F4-65/250B	**16.4** A	**9.5** A
F4-65/250A	**23.4** A	**13.5** A
F4-80/160D	**5.9** A	**3.4** A
F4-80/160C	**8.1** A	**4.7** A
F4-80/160B	**9.2** A	**5.3** A
F4-80/160A	**11.8** A	**6.8** A
F4-80/200B	**16.4** A	**9.5** A
F4-80/200A	**22.2** A	**12.8** A
F4-80/250B	**23.4** A	**13.5** A
F4-80/250A	**25.6** A	**14.8** A
F4-100/160B-N	**9.0** A	**5.2** A
F4-100/160A-N	**11.8** A	**6.8** A
F4-100/200C	**16.4** A	**9.5** A
F4-100/200B	**21.0** A	**12.1** A
F4-100/200A	**23.4** A	**13.5** A
F4-100/250B	**27.5** A	**15.9** A
F4-100/250A	**34.1** A	**19.7** A