

-  Clean water
-  Civil use
-  Industrial use
-  Agricultural use



PERFORMANCE RANGE

- Flow rate up to **5750 l/min** (345 m³/h)
- Head up to **98 m**

INSTALLATION AND USE

Standardized centrifugal pumps equipped with a support structure and built according to EN733 standard.

Designed to transfer clean water free from abrasive particles and liquids that will not damage the pump's components.

- **Water supply**
- **Pressurization**
- **Irrigation**
- **Firefighting systems**
- **Industrial applications**
- **Agriculture applications**
- **Civil, industrial, and agricultural applications**
- **Air conditioning, cooling, heating, and circulation systems**

APPLICATION LIMITS

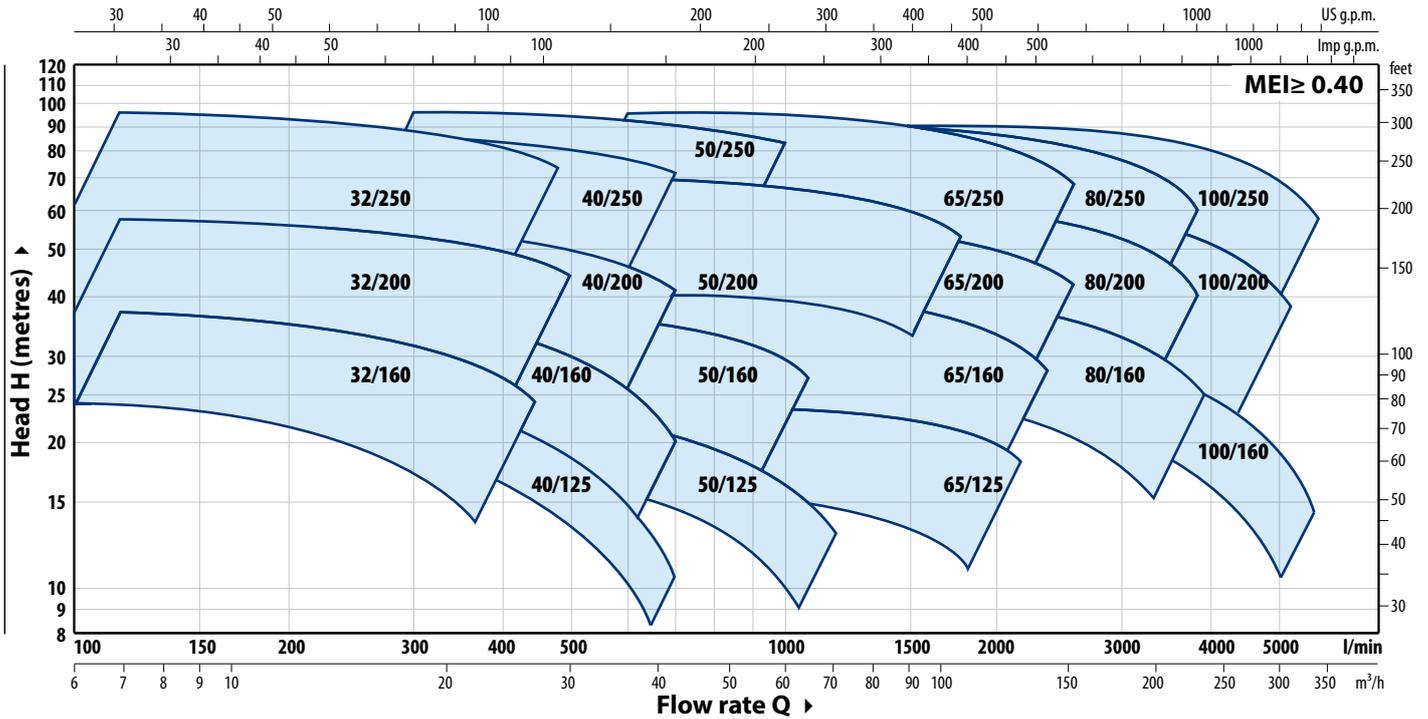
- Manometric suction head up to **7 m**
- Liquid temperature between **-10 °C** and **+90 °C**
- Maximum pressure in the pump body **10 bar** (PN10)

AVAILABLE UPON REQUEST

- ✘ Mechanical seal options available
- ✘ Pumps for motors with 60 Hz frequency
- ✘ Handling of liquids with higher or lower temperatures
- ✘ Adaptability to operate in high or low temperature environments
- ✘ Counterflange KIT including screws, nuts and gaskets



PERFORMANCE RANGE - n= 2900 min⁻¹



PERFORMANCE DATA - n= 2900 min⁻¹

TYPE	MOTOR TO BE COUPLED		PERFORMANCE n= 2900 min ⁻¹	
	kW	HP	Q m ³ /h	H m
FG2-32/160C	1.5	2	6 – 21	24 – 14
FG2-32/160B	2.2	3	6 – 24	30 – 17
FG2-32/160A	3	4	6 – 27	37 – 24
FG2-32/200C	4	5.5	6 – 27	44 – 31.5
FG2-32/200B	5.5	7.5	6 – 30	51 – 36
FG2-32/200A	7.5	10	6 – 30	57 – 44
FG2-32/200BH	3	4	6 – 18	45 – 37
FG2-32/200AH	4	5.5	6 – 19.2	55 – 44
FG2-32/250C	9.2	12.5	6 – 27	75 – 60
FG2-32/250B	11	15	6 – 30	87 – 70
FG2-32/250A	15	20	6 – 30	97 – 80
FG2-40/125C	1.1	1.5	6 – 33	16 – 6
FG2-40/125B	1.5	2	6 – 36	20.5 – 9
FG2-40/125A	2.2	3	6 – 42	26 – 10
FG2-40/160C	2.2	3	6 – 36	27 – 14
FG2-40/160B	3	4	6 – 36	32 – 20
FG2-40/160A	4	5.5	6 – 42	38 – 20
FG2-40/200B	5.5	7.5	6 – 42	47 – 28
FG2-40/200A	7.5	10	6 – 42	55 – 41
FG2-40/250C	9.2	12.5	6 – 42	64 – 47
FG2-40/250B	11	15	6 – 42	71 – 55
FG2-40/250A	15	20	6 – 42	88 – 72
FG2-50/125C	2.2	3	18 – 72	17.5 – 6
FG2-50/125B	3	4	18 – 72	20.7 – 9
FG2-50/125A	4	5.5	18 – 72	23.5 – 13
FG2-50/160C	4	5.5	18 – 60	27 – 16
FG2-50/160B	5.5	7.5	18 – 72	32 – 18
FG2-50/160A	7.5	10	18 – 81	37 – 20
FG2-50/200C	11	15	24 – 102	44 – 30
FG2-50/200B	15	20	24 – 102	52 – 38
FG2-50/200A	18.5	25	24 – 108	61 – 45
FG2-50/200AR	22	30	24 – 108	69 – 53
FG2-50/250D	9.2	12.5	18 – 54	51 – 37
FG2-50/250C	11	15	18 – 60	59 – 43
FG2-50/250B	15	20	18 – 60	72 – 59
FG2-50/250A	18.5	25	18 – 60	85 – 73
FG2-50/250AR	22	30	18 – 60	95 – 83

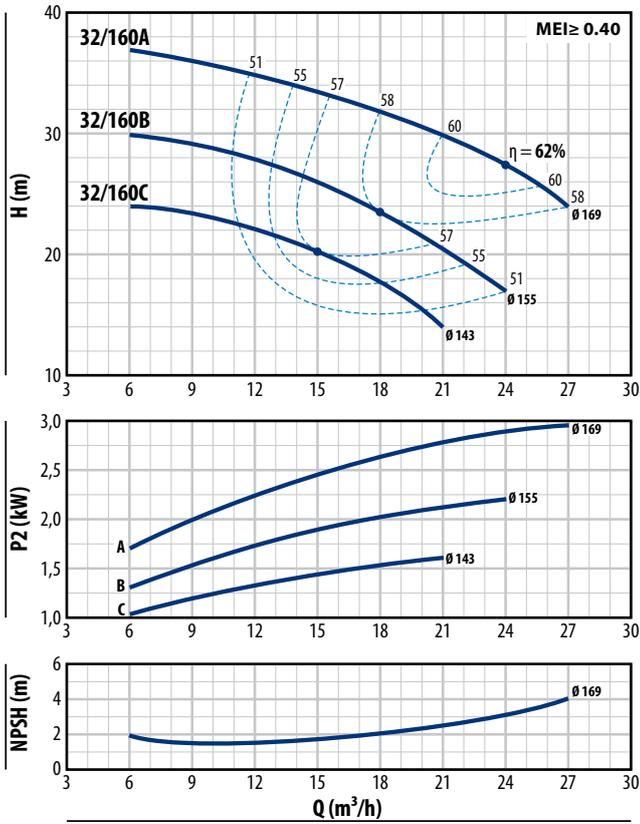
TYPE	MOTOR TO BE COUPLED		PERFORMANCE n= 2900 min ⁻¹	
	kW	HP	Q m ³ /h	H m
FG2-65/125C	4	5.5	36 – 108	16 – 11
FG2-65/125B	5.5	7.5	36 – 120	18 – 13
FG2-65/125A	7.5	10	36 – 132	23 – 18
FG2-65/160C	9.2	12.5	36 – 132	32 – 22
FG2-65/160B	11	15	36 – 144	36.5 – 23
FG2-65/160A	15	20	36 – 144	40.5 – 28
FG2-65/200B	15	20	12 – 144	44 – 30.5
FG2-65/200A	18.5	25	12 – 150	50 – 36.5
FG2-65/200AR	22	30	12 – 156	57 – 42
FG2-65/250C	30	40	24 – 141	76 – 53
FG2-65/250B	37	50	24 – 150	87 – 62
FG2-65/250A	45	60	24 – 156	95 – 68
FG2-80/160D	11	15	30 – 240	25 – 10
FG2-80/160C	15	20	30 – 240	30 – 15
FG2-80/160B	18.5	25	30 – 240	35 – 20
FG2-80/160A	22	30	30 – 240	40 – 25
FG2-80/200B	30	40	30 – 219	56 – 34.5
FG2-80/200A	37	50	30 – 234	62 – 40
FG2-80/250B	45	60	36 – 216	77 – 54
FG2-80/250A	55	75	36 – 234	88.5 – 60
FG2-100/160C	15	20	60 – 300	30 – 12
FG2-100/160B	18.5	25	60 – 312	34 – 14.5
FG2-100/160A	22	30	60 – 330	38 – 17.5
FG2-100/200C	30	40	48 – 279	51 – 28
FG2-100/200B	37	50	48 – 294	57 – 33
FG2-100/200A	45	60	48 – 315	63 – 38
FG2-100/250B	55	75	48 – 309	75 – 48
FG2-100/250A	75	100	48 – 345	89 – 58

Q = Flow Rate

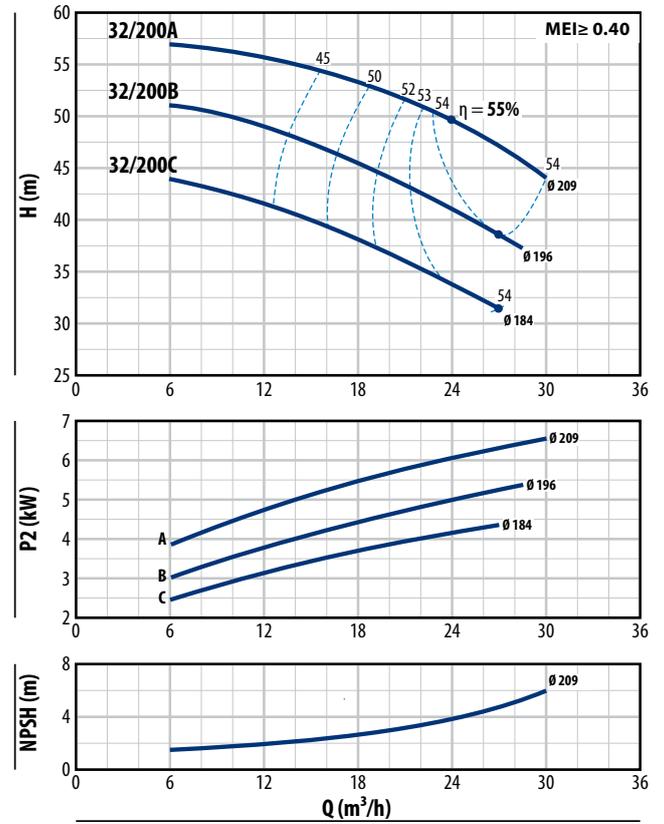
H = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

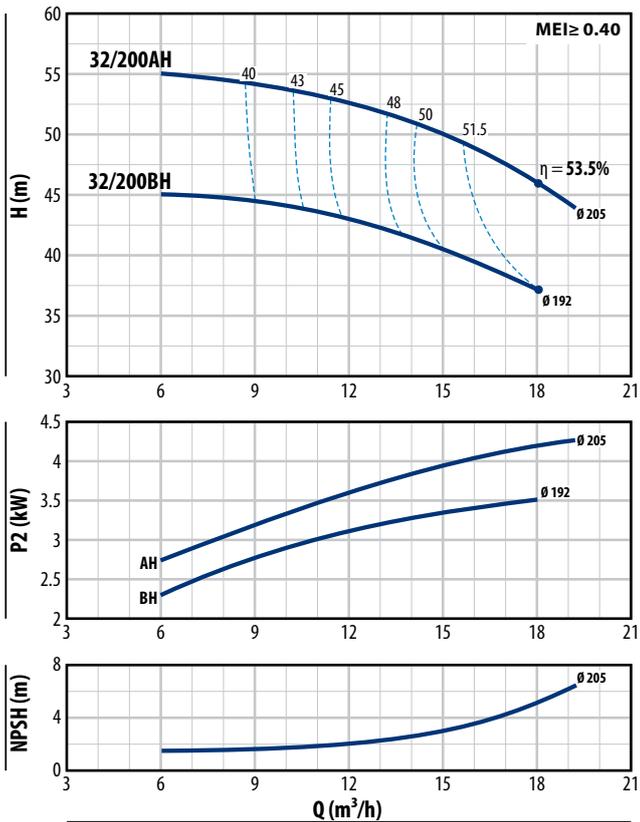
FG2-32/160



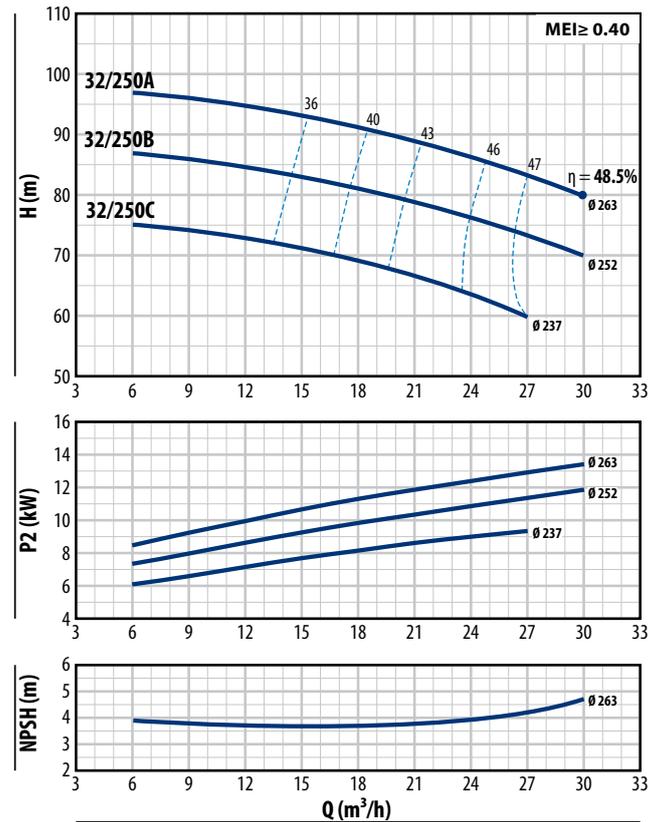
FG2-32/200



FG2-32/200H



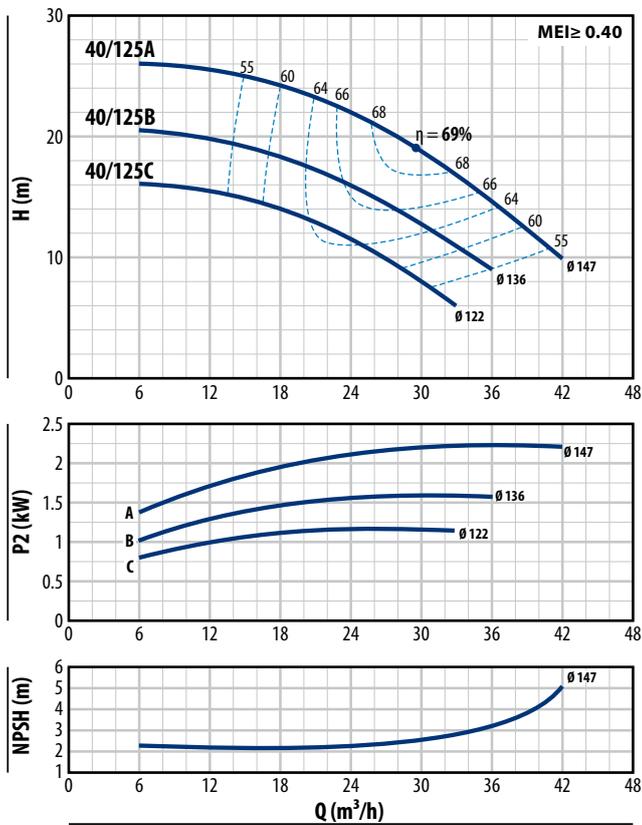
FG2-32/250



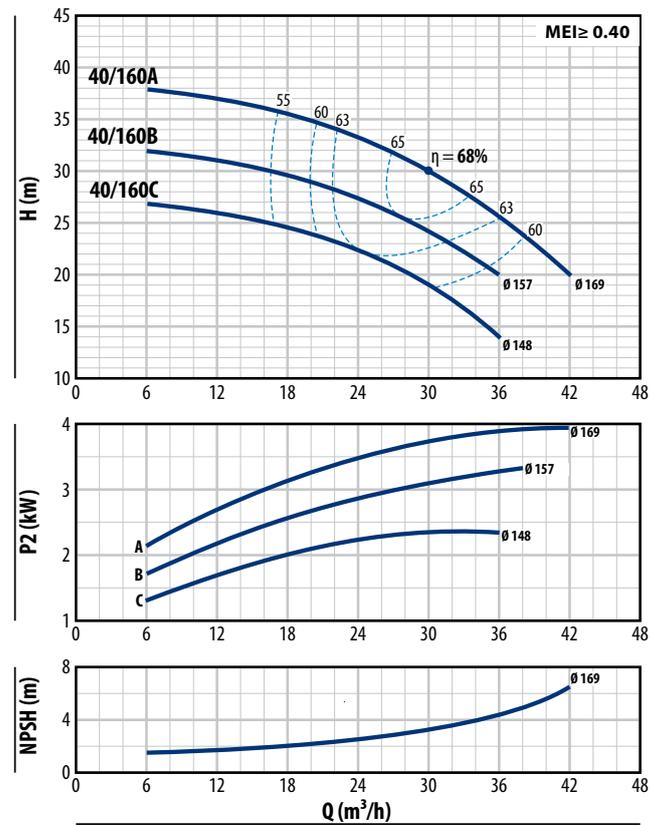
CHARACTERISTIC CURVES

$n = 2900 \text{ min}^{-1}$

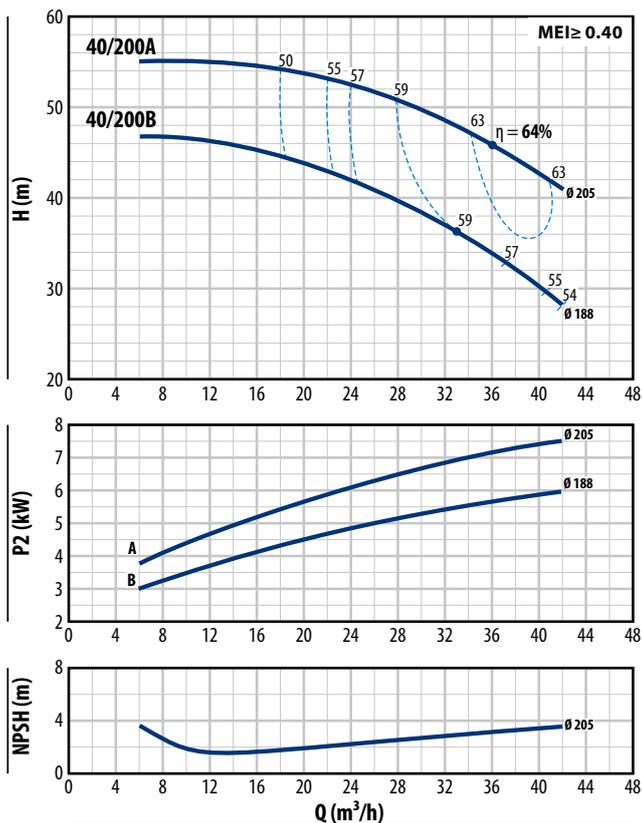
FG2-40/125



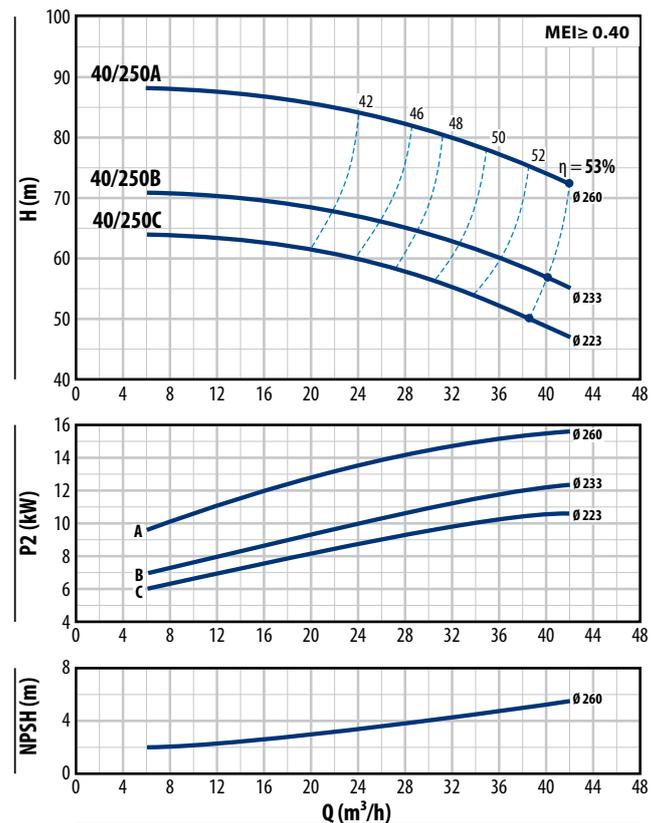
FG2-40/160



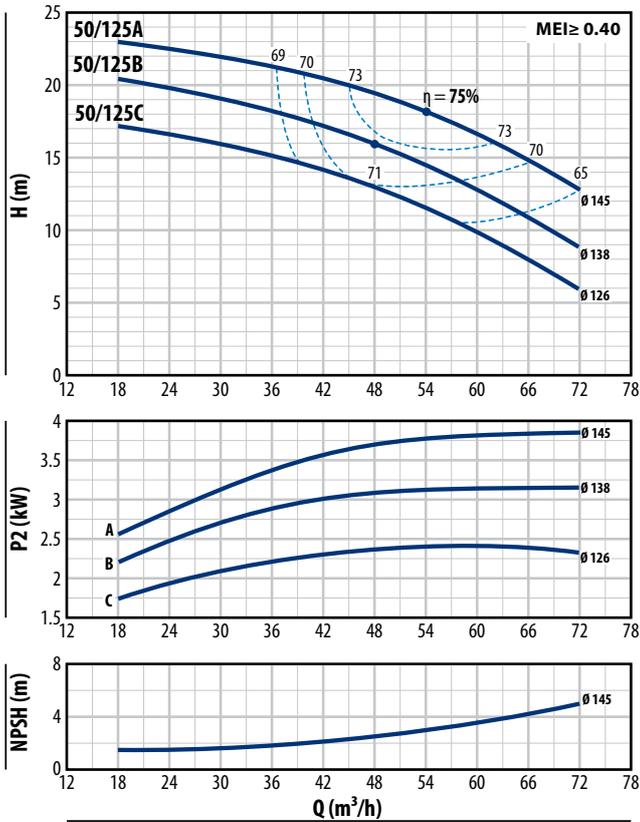
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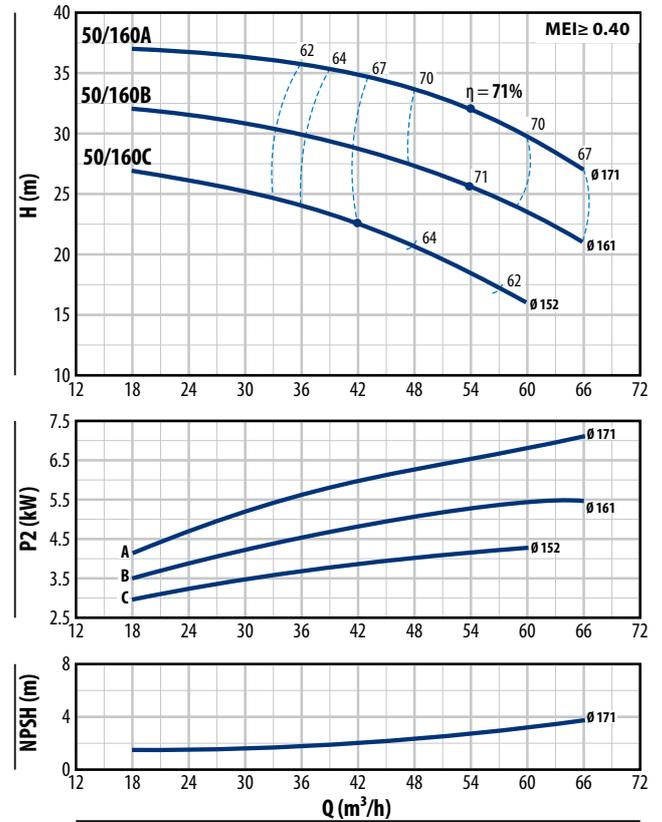
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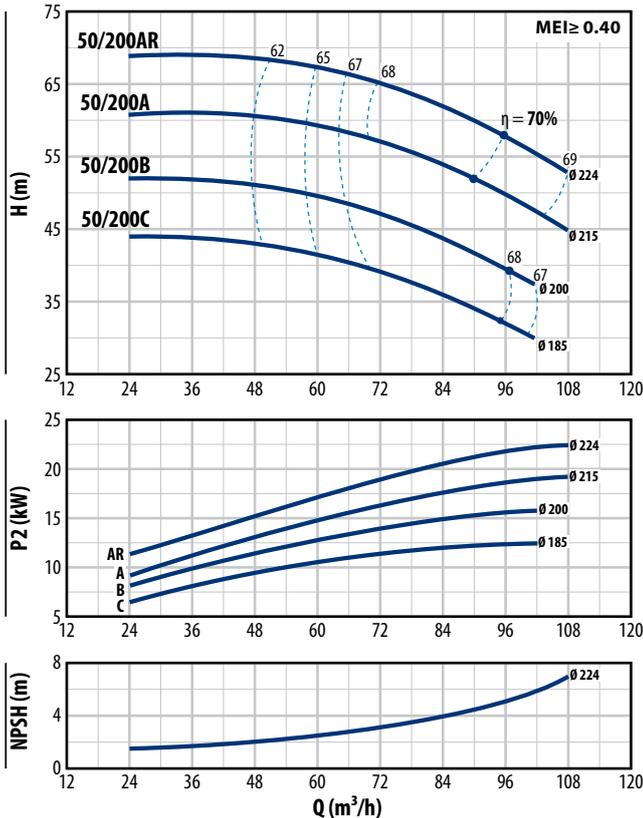
FG2-50/125



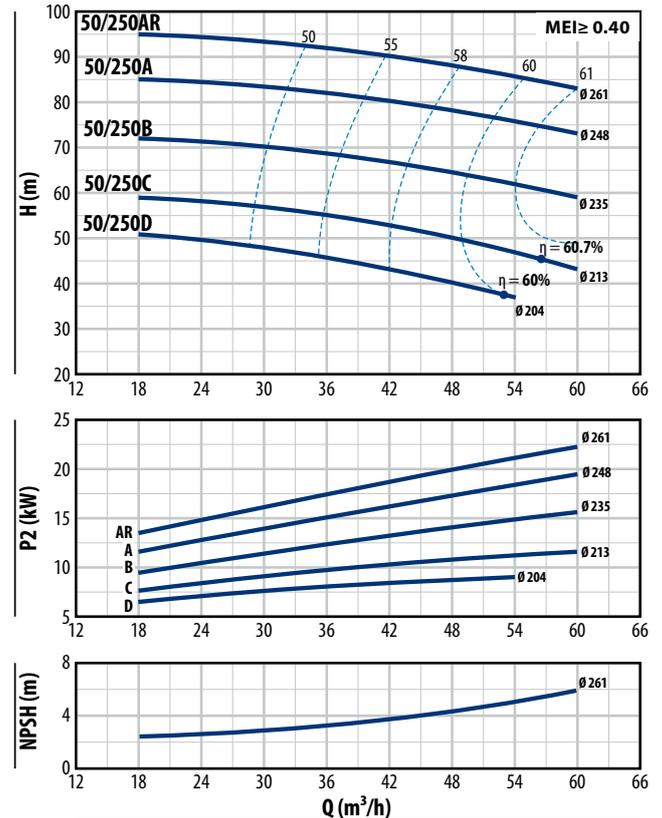
FG2-50/160



FG2-50/200



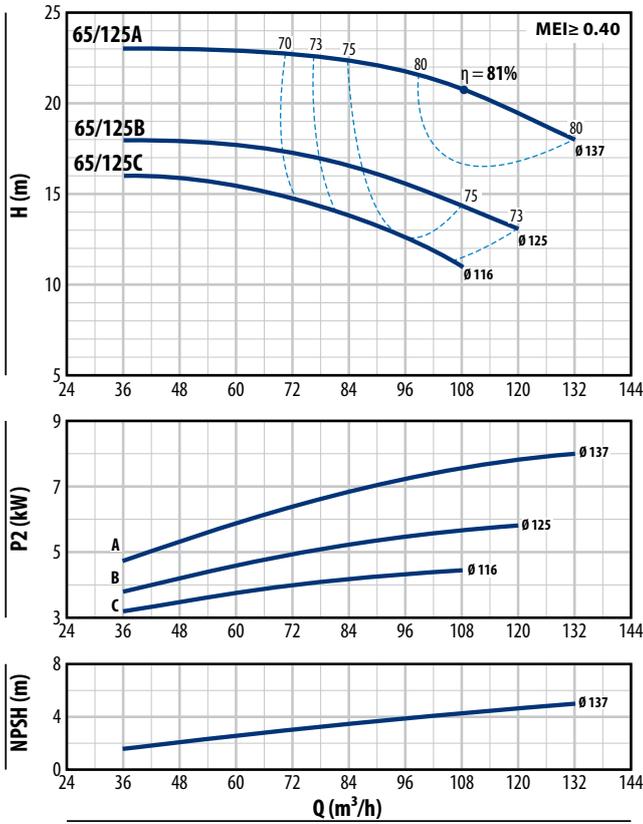
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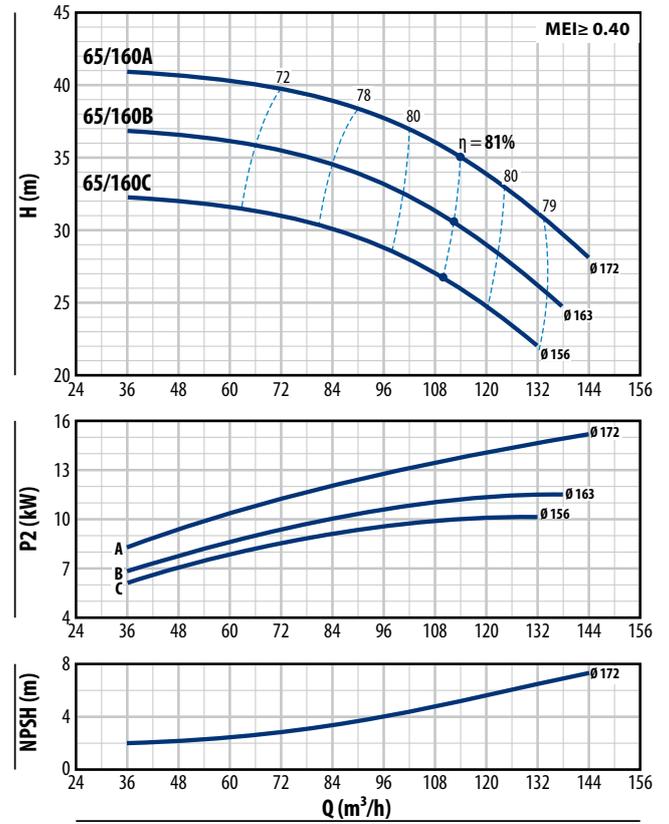
CHARACTERISTIC CURVES

$n = 2900 \text{ min}^{-1}$

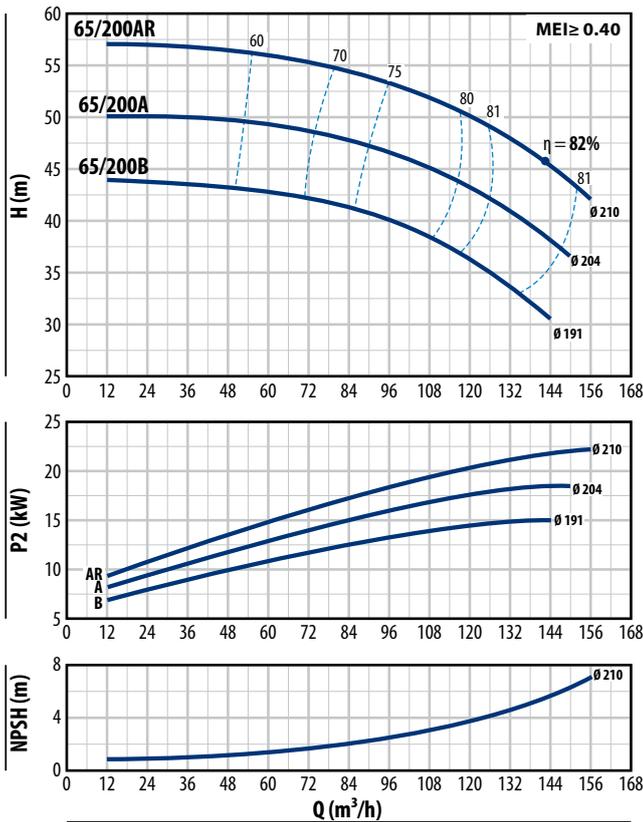
FG2-65/125



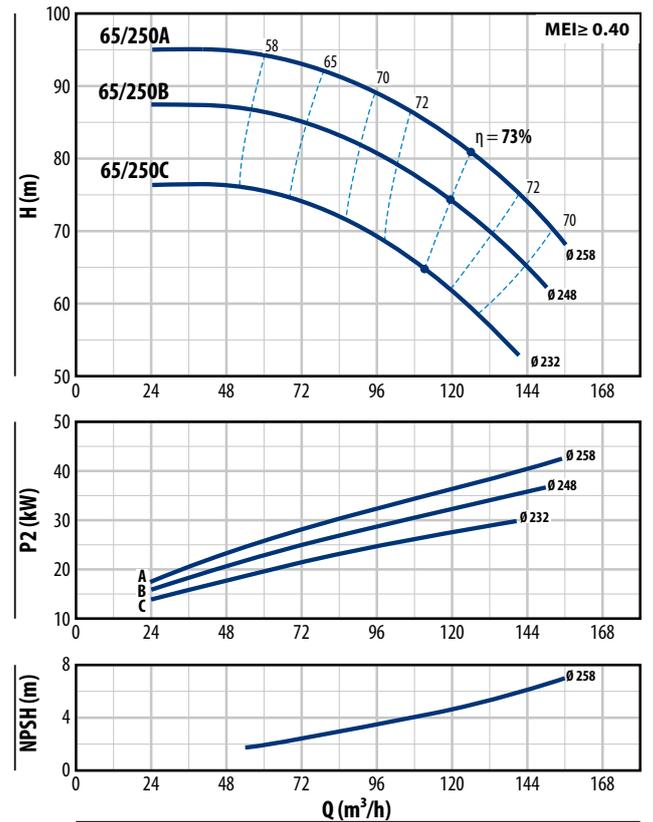
FG2-65/160



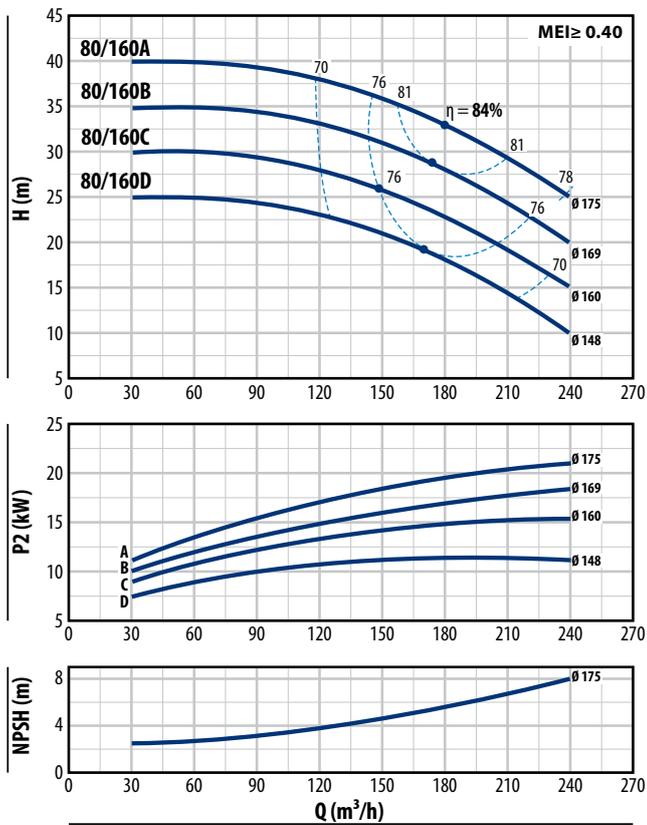
FG2-65/200



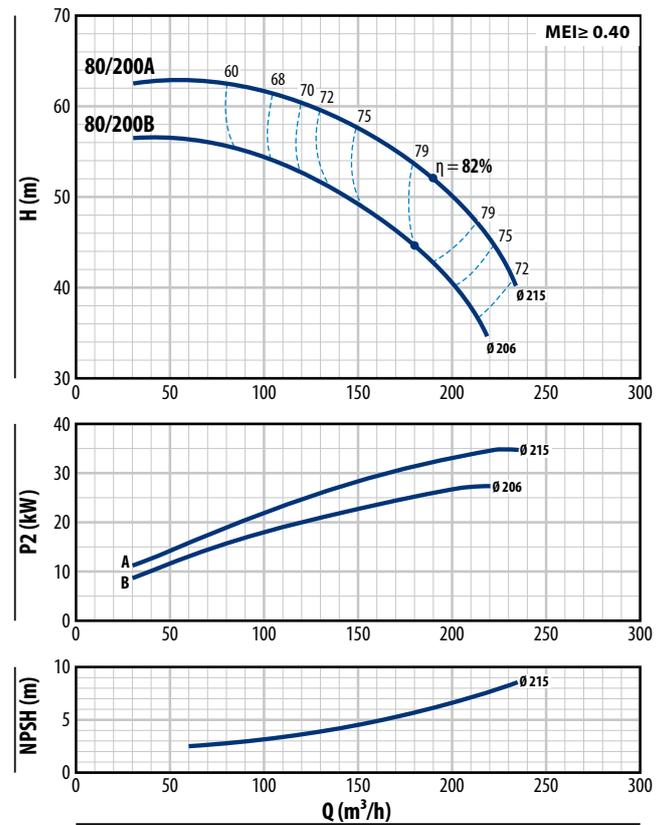
FG2-65/250



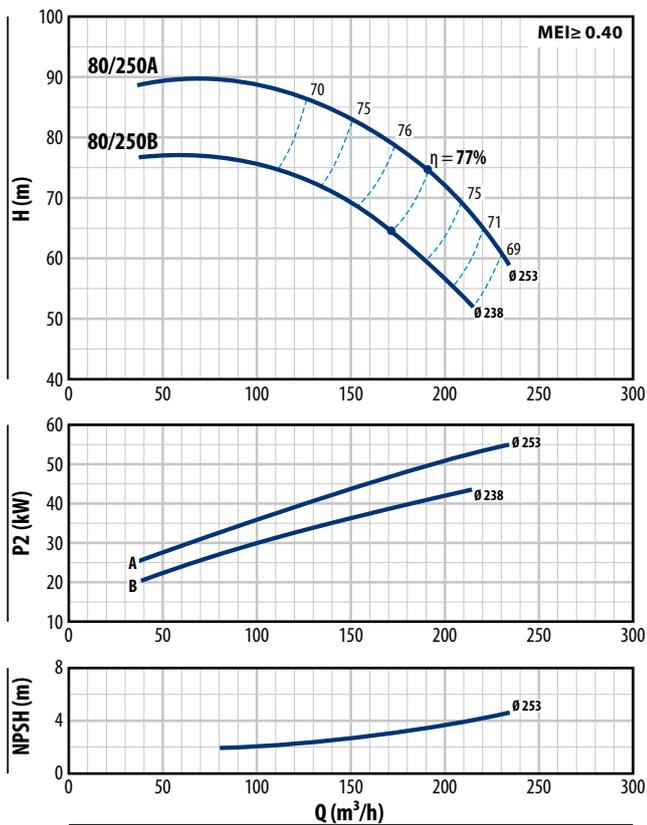
FG2-80/160



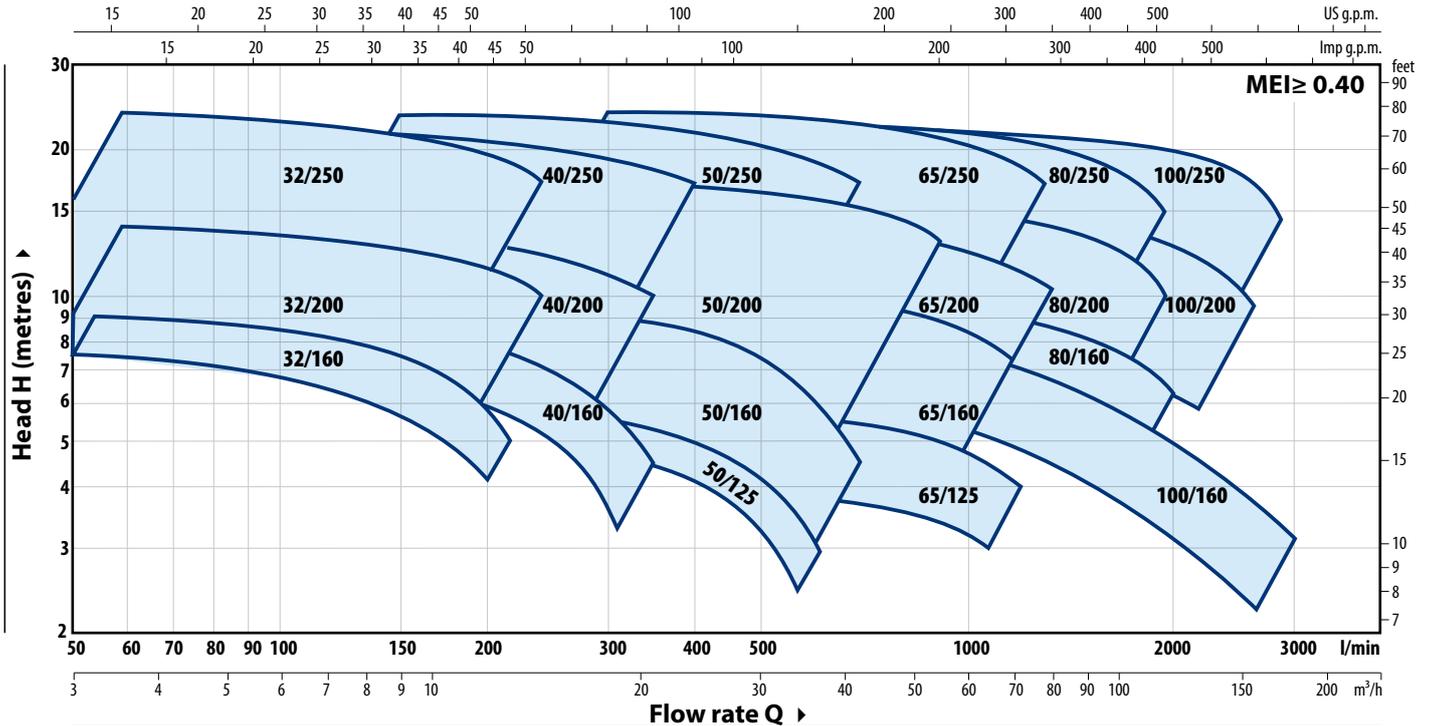
FG2-80/200



FG2-80/250



PERFORMANCE RANGE - n= 1450 min⁻¹



PERFORMANCE DATA - n= 1450 min⁻¹

TYPE	MOTOR TO BE COUPLED		PERFORMANCE n= 1450 min ⁻¹	
	kW	HP	Q m ³ /h	H m
FG4-32/160C	0.25	0.33	3 - 10.5	6 - 3.5
FG4-32/160B	0.37	0.5	3 - 12	7.5 - 4
FG4-32/160A	0.37	0.5	3 - 13.5	9 - 6
FG4-32/200C	0.55	0.75	3 - 13.5	11 - 8
FG4-32/200B	0.75	1	3 - 15	12.5 - 9
FG4-32/200A	1.1	1.5	3 - 15	14 - 11
FG4-32/200BH	0.55	0.75	3 - 9	11 - 9
FG4-32/200AH	0.55	0.75	3 - 9.6	13.8 - 11
FG4-32/250C	1.1	1.5	3 - 13.2	18.4 - 15
FG4-32/250B	1.5	2	3 - 15	21.7 - 17.4
FG4-32/250A	2.2	3	3 - 16.2	23.8 - 18.7
FG4-40/160C	0.37	0.5	3 - 18	6.5 - 3.5
FG4-40/160B	0.37	0.5	3 - 18	8 - 5
FG4-40/160A	0.55	0.75	3 - 21	9.5 - 5
FG4-40/200B	0.75	1	3 - 21	11.5 - 7
FG4-40/200A	1.1	1.5	3 - 21	13.5 - 10
FG4-40/250C	1.1	1.5	3 - 21	16 - 11.5
FG4-40/250B	1.5	2	3 - 21	17.5 - 13.5
FG4-40/250A	2.2	3	3 - 21	22 - 18
FG4-50/125C	0.37	0.5	9 - 36	4.3 - 1.5
FG4-50/125B	0.55	0.75	9 - 36	5.1 - 2.3
FG4-50/125A	0.55	0.75	9 - 36	5.8 - 3.2
FG4-50/160C	0.55	0.75	9 - 30	7 - 4
FG4-50/160B	0.75	1	9 - 33	8 - 5
FG4-50/160A	1.1	1.5	9 - 33	9 - 7
FG4-50/200C	1.5	2	12 - 51	11 - 7.5
FG4-50/200B	2.2	3	12 - 51	13 - 9.5
FG4-50/200A	2.2	3	12 - 54	15 - 11
FG4-50/200AR	3	4	12 - 54	17 - 13
FG4-50/250D	1.1	1.5	9 - 27	12.5 - 8
FG4-50/250C	1.5	2	9 - 27	14.5 - 10.5
FG4-50/250B	2.2	3	9 - 30	18 - 14.5
FG4-50/250A	2.2	3	9 - 30	21 - 18
FG4-50/250AR	3	4	9 - 30	24 - 21

TIPO	MOTORE DA ACCOPIARE		PRESTAZIONI n= 1450 min ⁻¹	
	kW	HP	Q m ³ /h	H m
FG4-65/125C	0.55	0.75	18 - 54	4 - 2.7
FG4-65/125B	0.75	1	18 - 60	4.5 - 3.2
FG4-65/125A	1.1	1.5	18 - 66	5.8 - 4.5
FG4-65/160C	1.1	1.5	18 - 66	8 - 5.5
FG4-65/160B	1.5	2	18 - 72	9 - 5.5
FG4-65/160A	2.2	3	18 - 72	10 - 7
FG4-65/200B	2.2	3	6 - 72	10.5 - 7.3
FG4-65/200A	2.2	3	6 - 75	12 - 8.5
FG4-65/200AR	3	4	6 - 78	14 - 10
FG4-65/250C	3	4	12 - 70.5	19 - 13
FG4-65/250B	4	5.5	12 - 75	21.5 - 15.5
FG4-65/250A	5.5	7.5	12 - 78	23.5 - 17
FG4-80/160D	1.5	2	15 - 120	6 - 2.5
FG4-80/160C	2.2	3	15 - 120	7.5 - 3.5
FG4-80/160B	2.2	3	15 - 120	8.5 - 5
FG4-80/160A	3	4	15 - 120	10 - 6
FG4-80/200B	4	5.5	15 - 109.5	14 - 8.5
FG4-80/200A	5.5	7.5	15 - 117	15.5 - 10
FG4-80/250B	5.5	7.5	18 - 108	19 - 13.5
FG4-80/250A	7.5	10	18 - 117	22 - 15
FG4-100/160C	2.2	3	24 - 144	7.5 - 3
FG4-100/160B	2.2	3	24 - 156	8.3 - 3.5
FG4-100/160A	3	4	24 - 168	9.5 - 3.8
FG4-100/200C	4	5.5	24 - 139.5	12.5 - 7
FG4-100/200B	5.5	7.5	24 - 147	14 - 8
FG4-100/200A	5.5	7.5	24 - 157.5	15.5 - 9.5
FG4-100/250B	7.5	10	24 - 154.5	18.5 - 12
FG4-100/250A	9.2	12.5	24 - 172.5	22 - 14.5

Q = Flow Rate

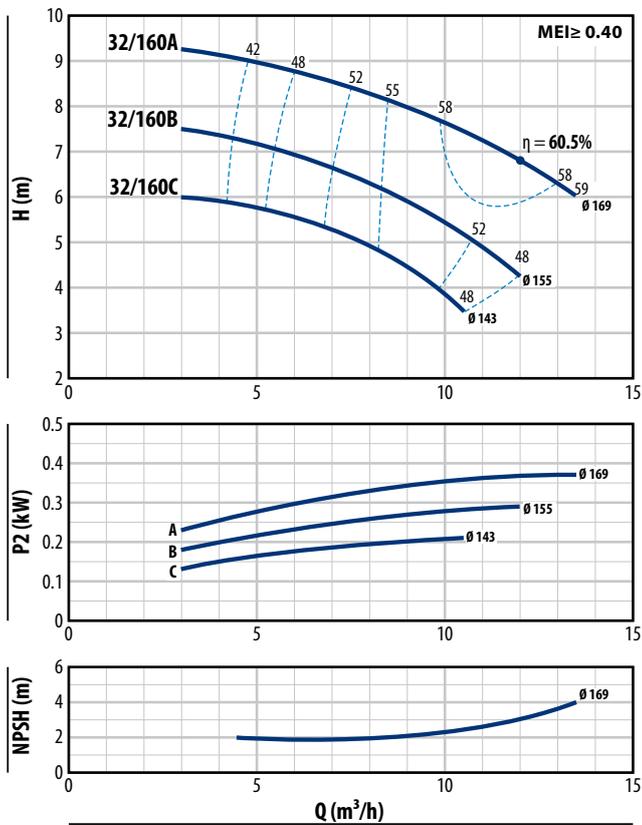
H = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

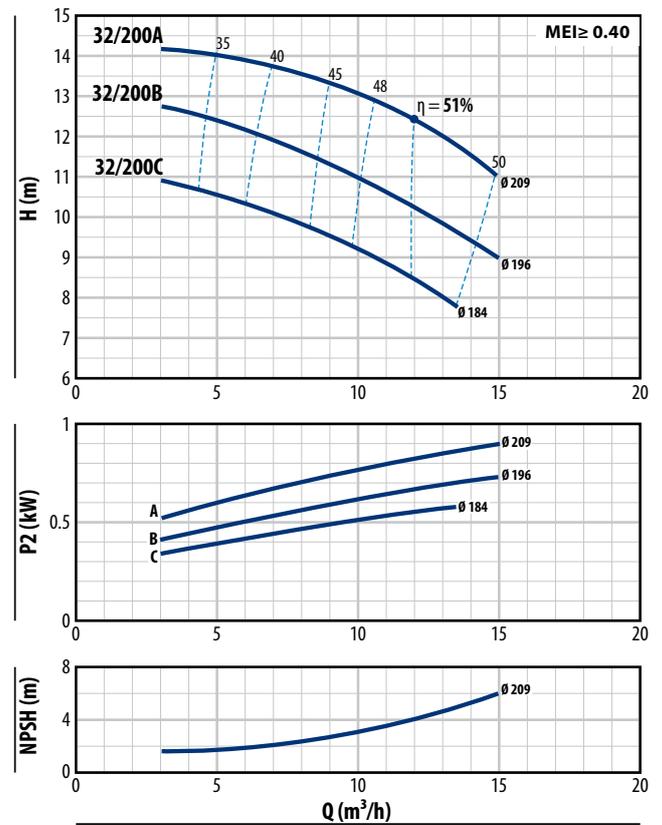
CHARACTERISTIC CURVES

$n = 1450 \text{ min}^{-1}$

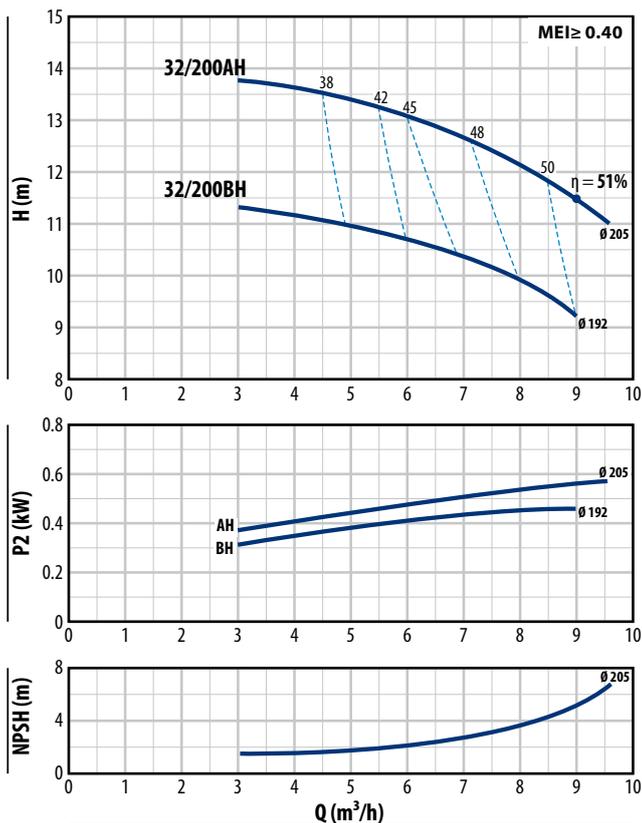
FG4-32/160



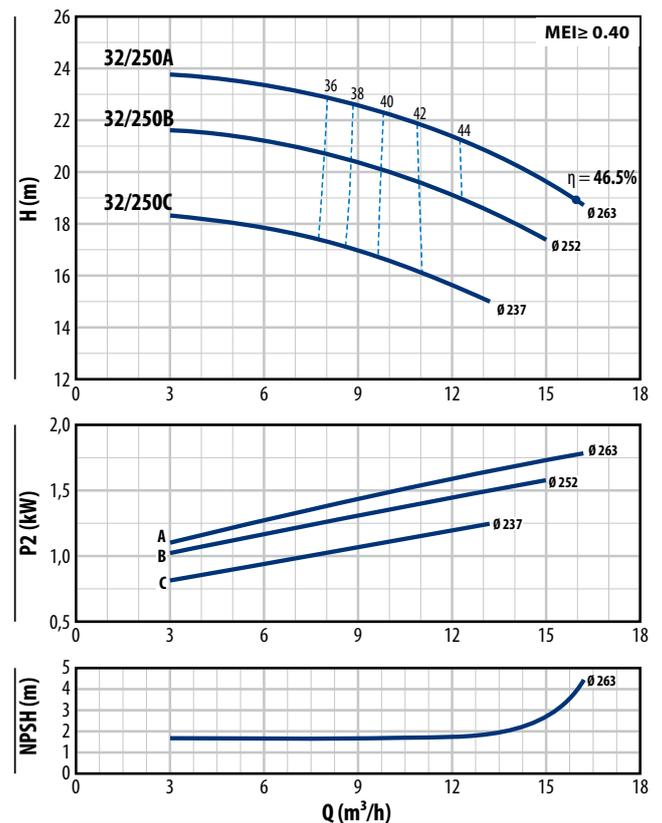
FG4-32/200



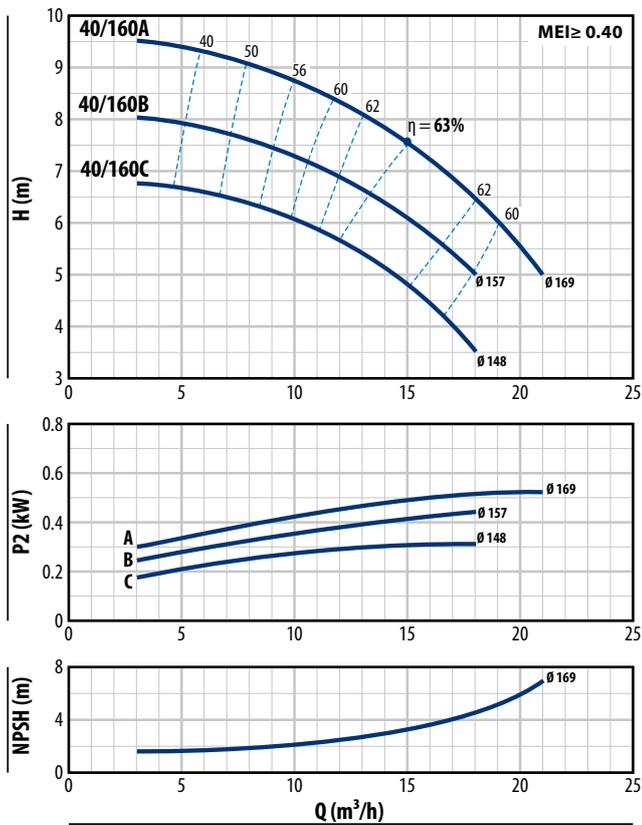
FG4-32/200H



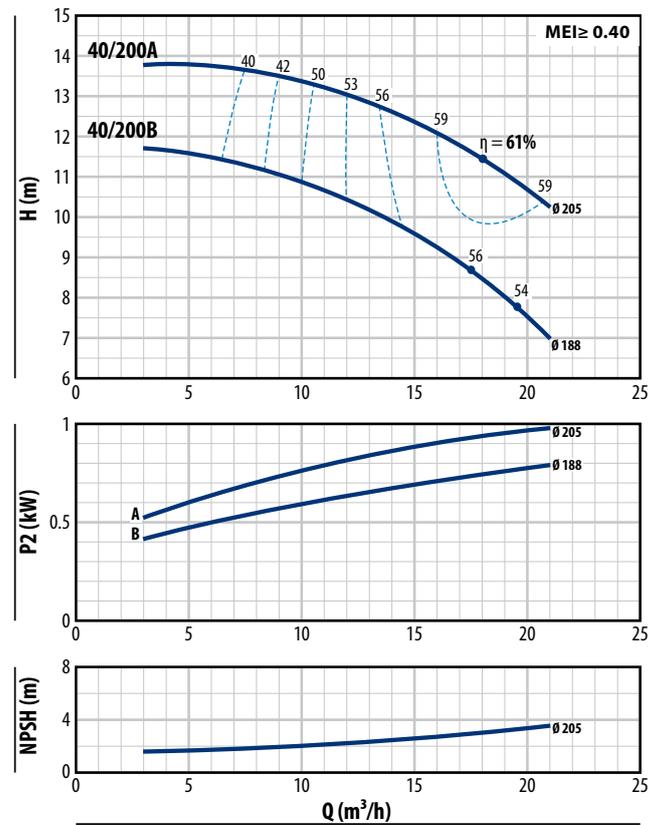
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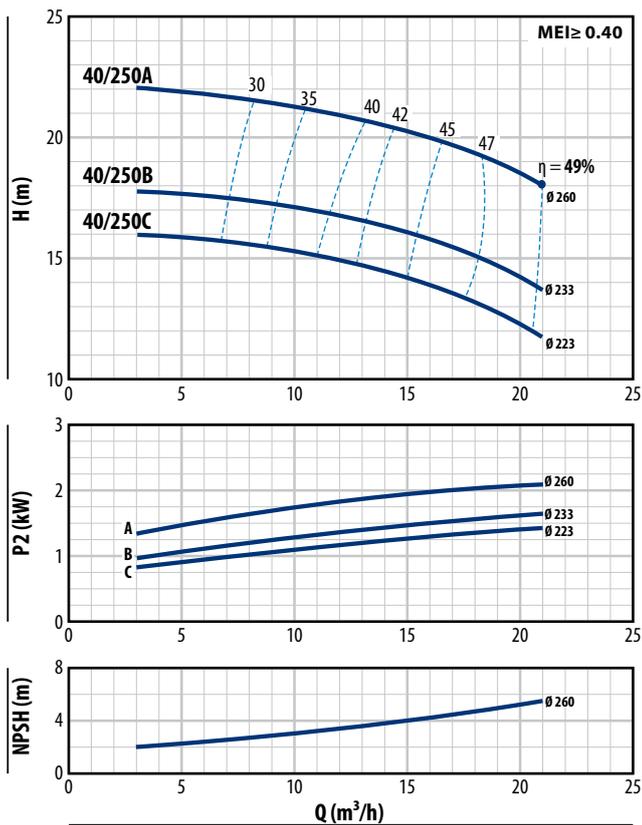
FG4-40/160



FG4-40/200



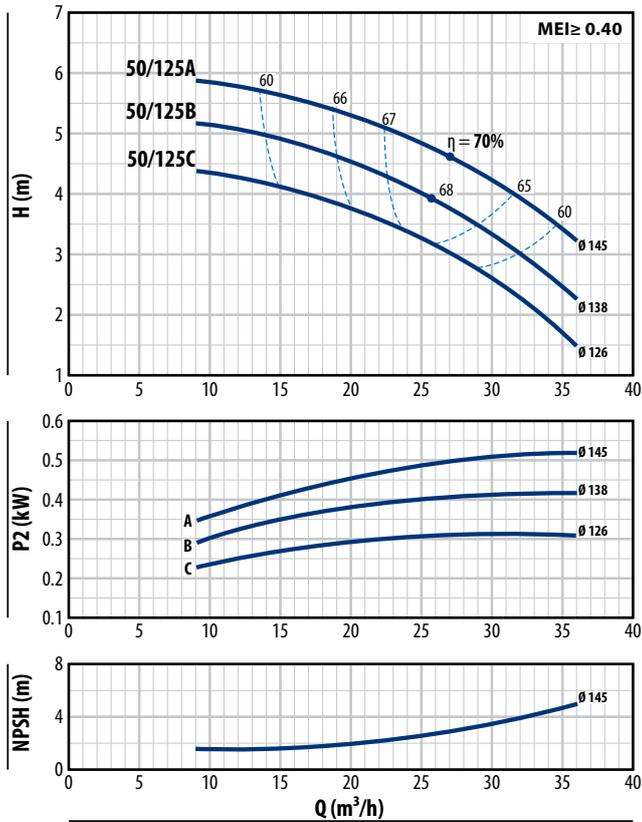
FG4-40/250



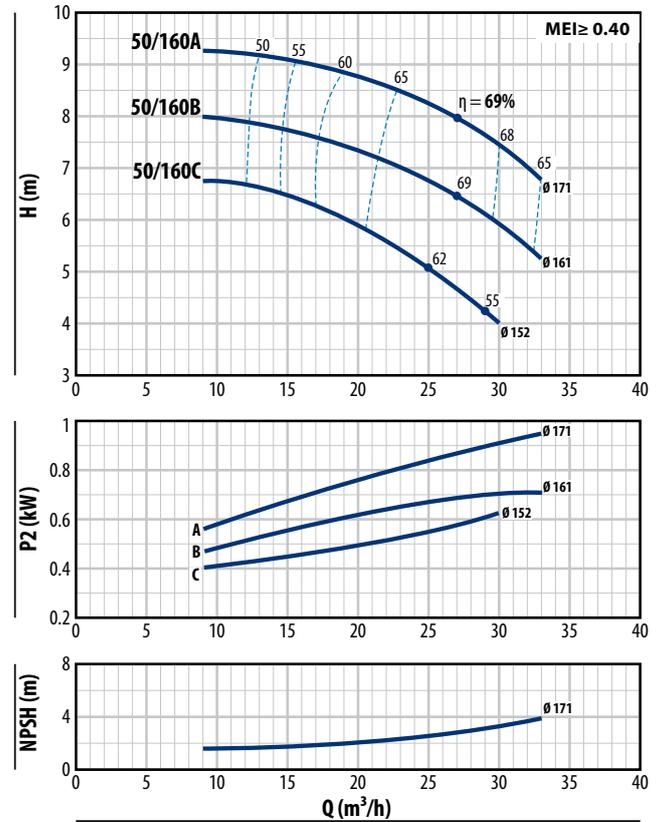
CHARACTERISTIC CURVES

$n = 1450 \text{ min}^{-1}$

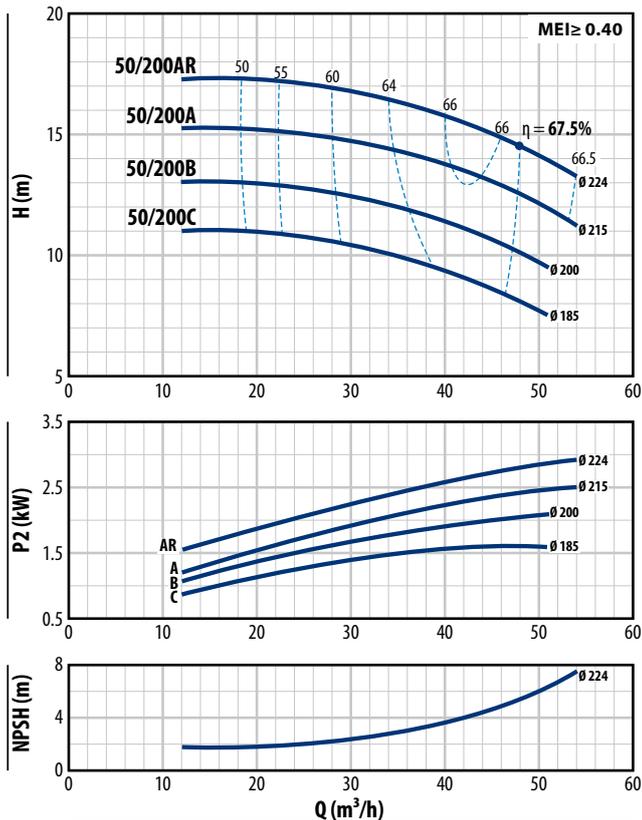
FG4-50/125



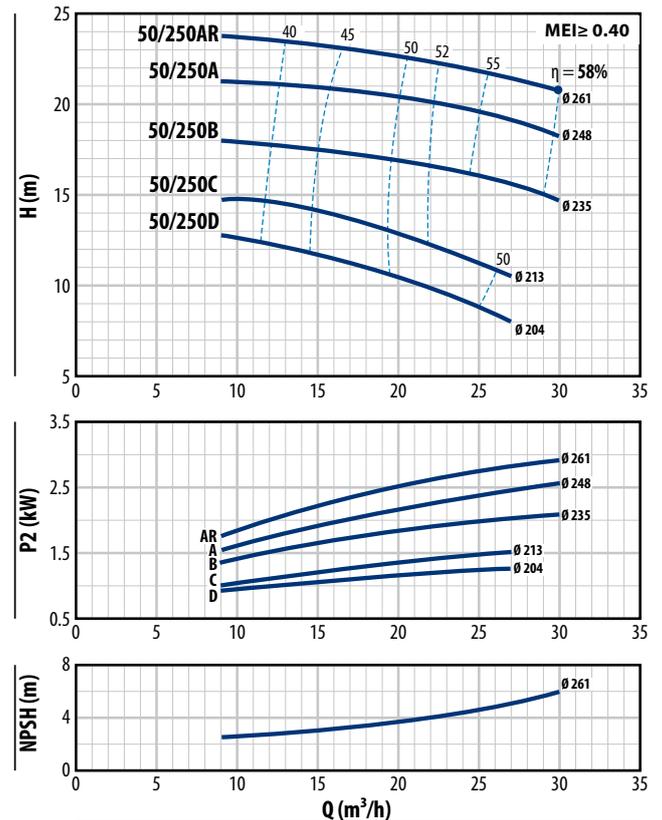
FG4-50/160



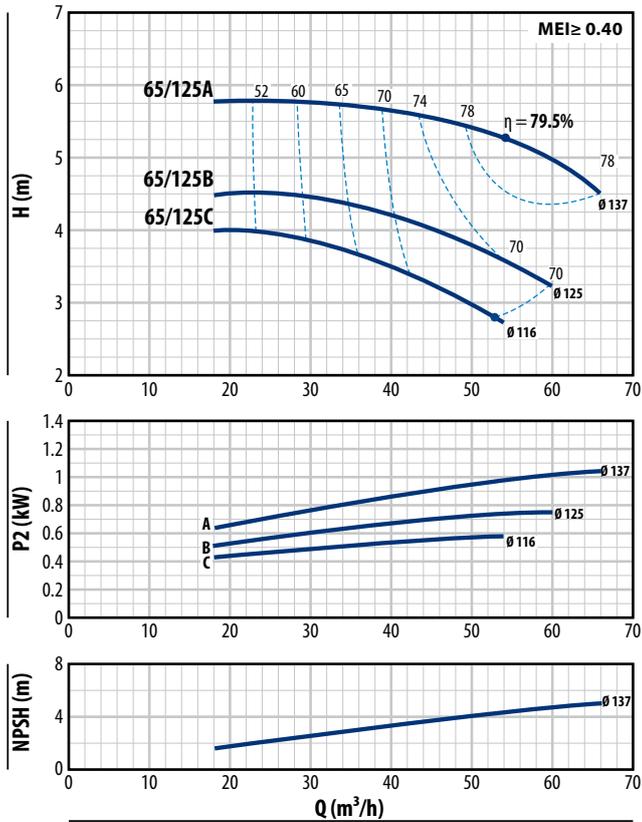
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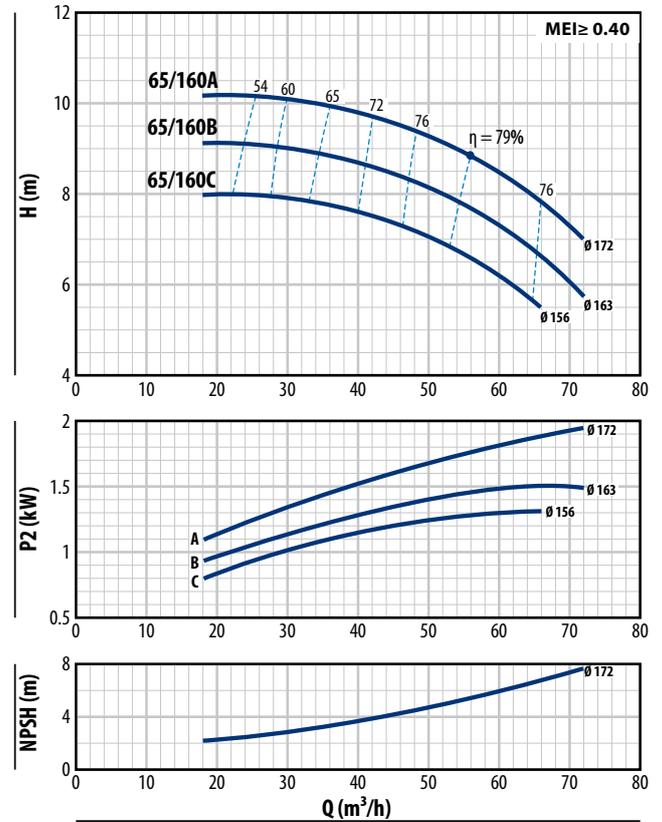
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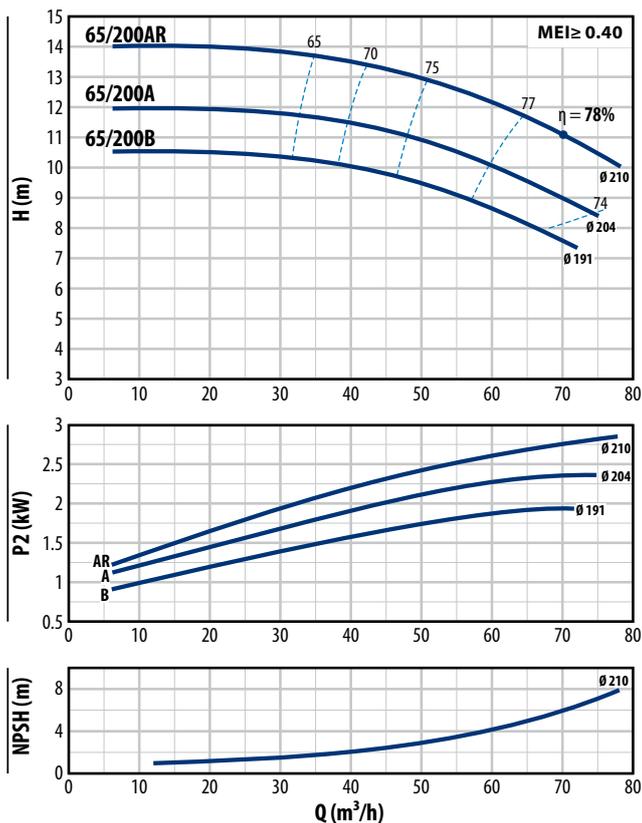
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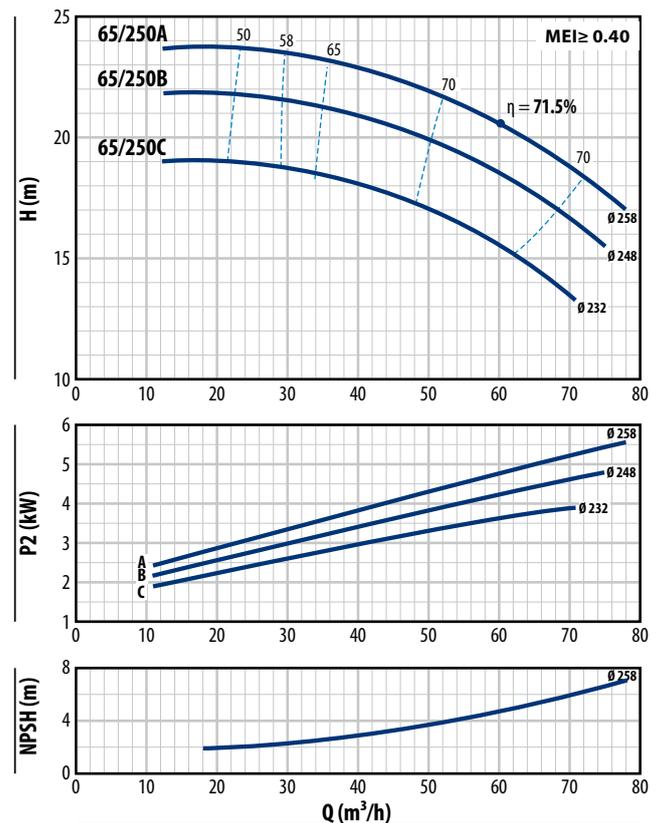
FG4-65/160



FG4-65/200



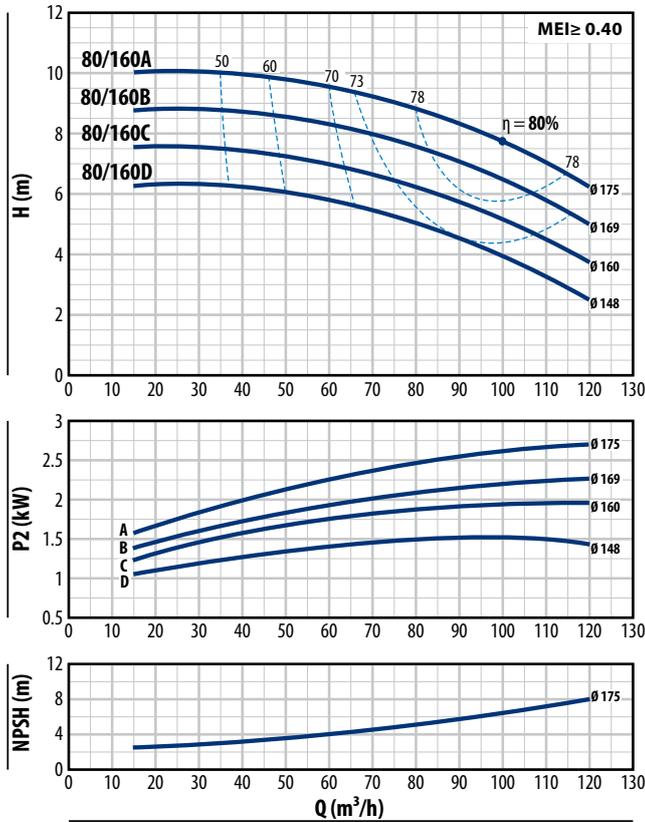
FG4-65/250



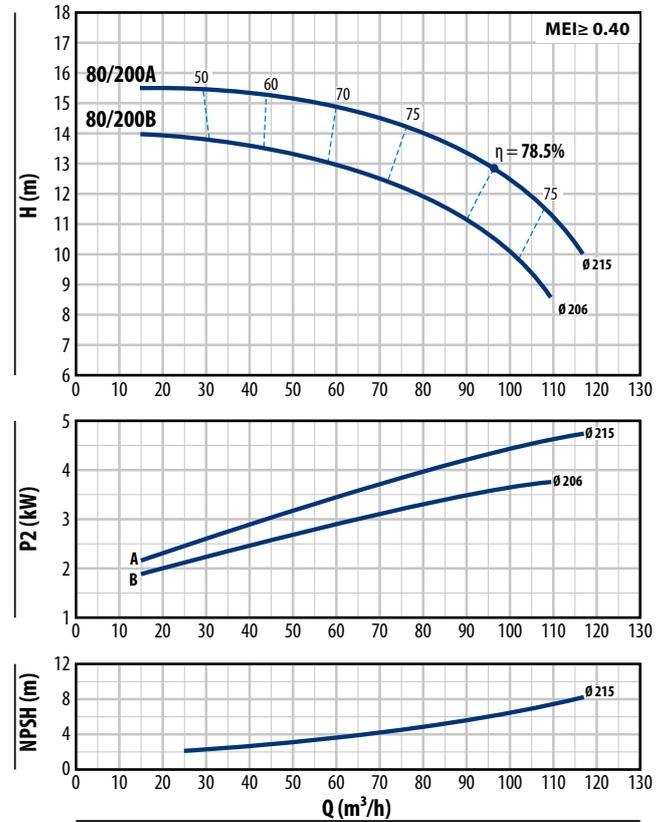
CHARACTERISTIC CURVES

$n = 1450 \text{ min}^{-1}$

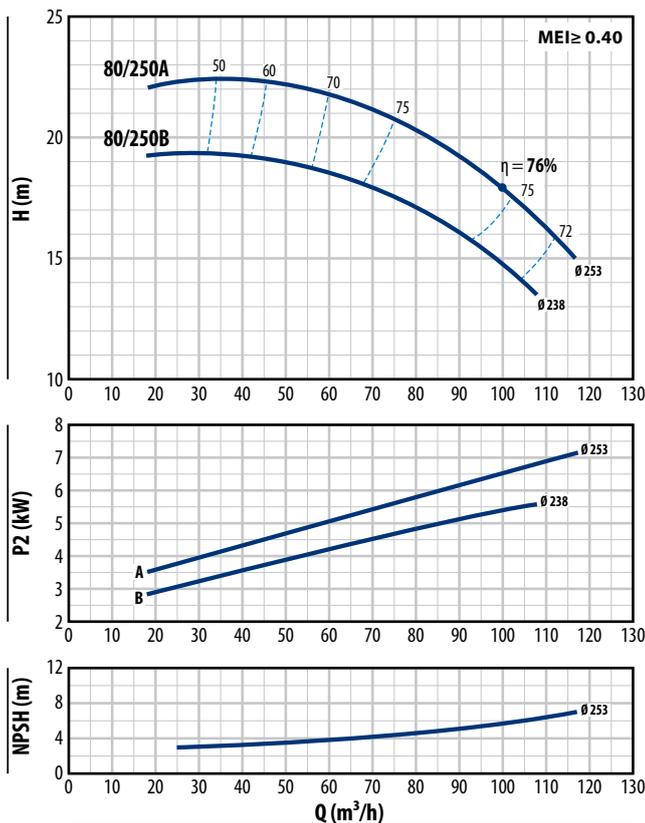
FG4-80/160



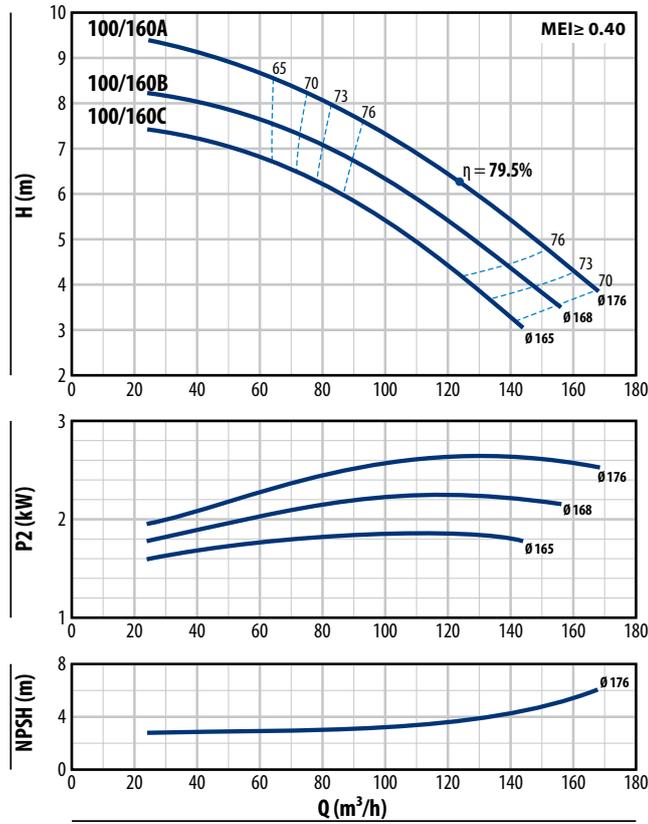
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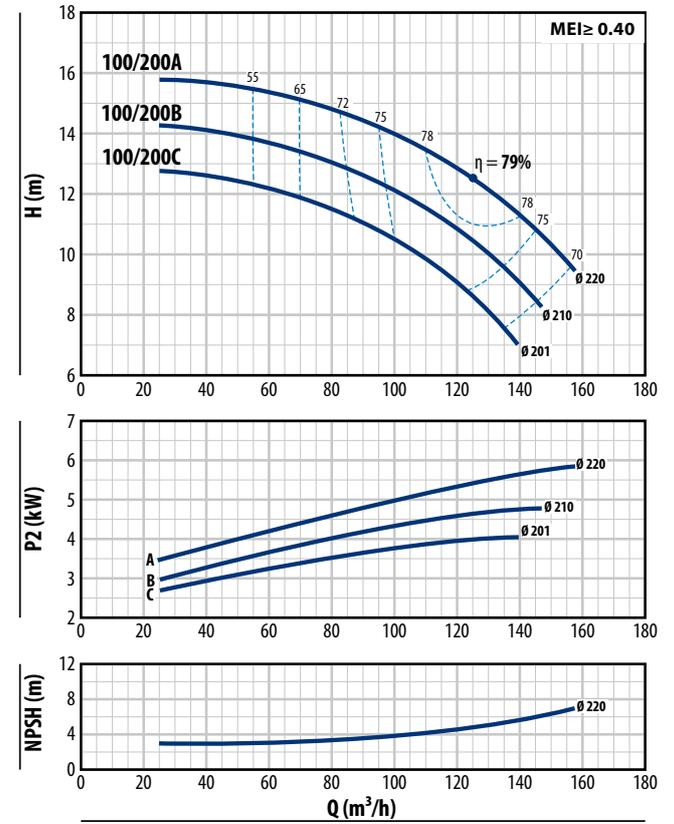
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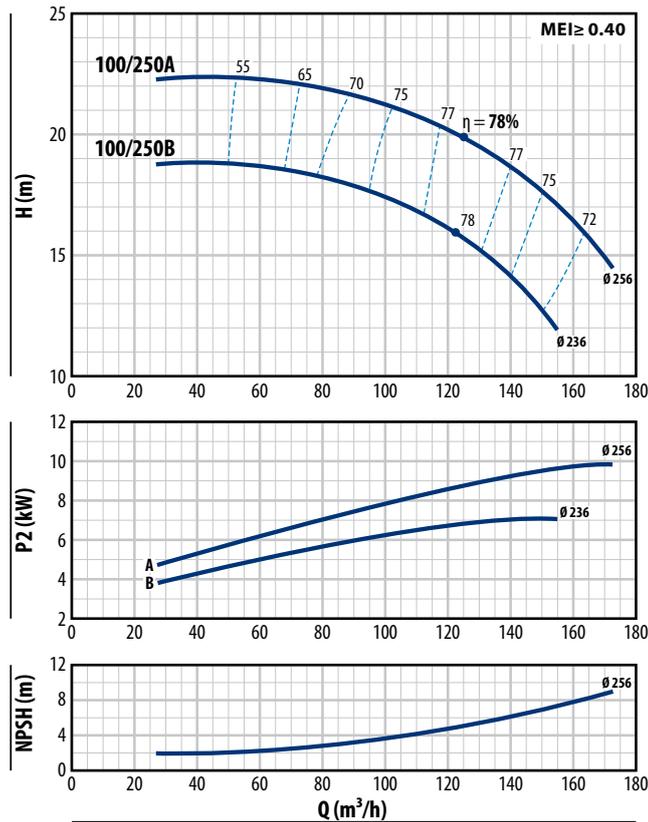
FG4-100/160



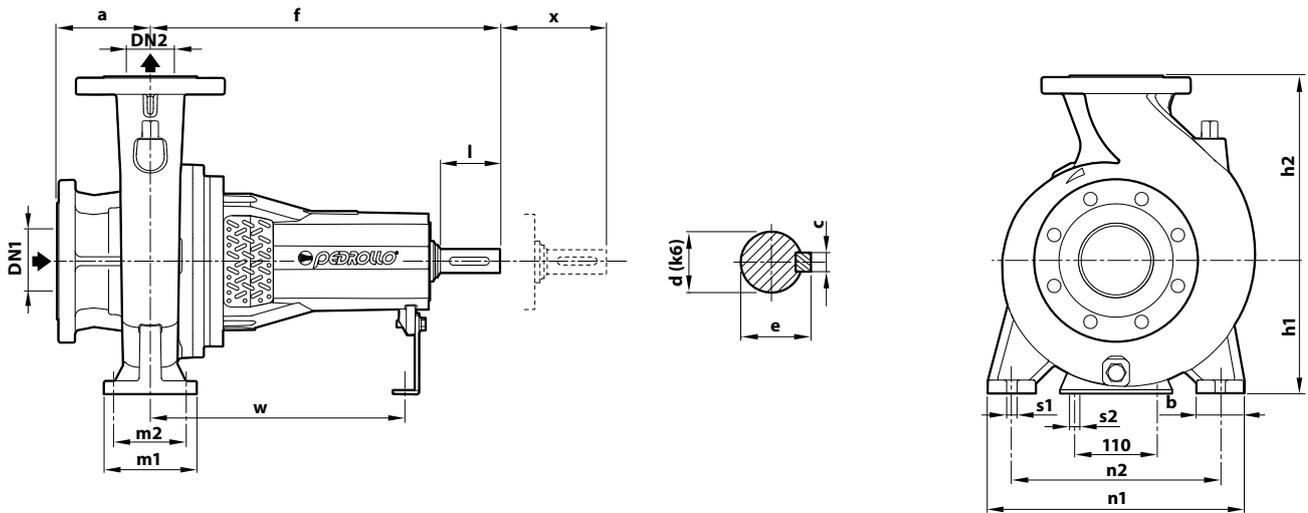
FG4-100/200



FG4-100/250

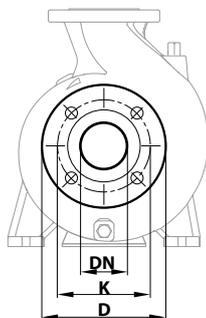


DIMENSIONS AND WEIGHT



TYPE	PORTS		DIMENSIONS mm																	kg		
	DN1	DN2	a	f	h1	h2	b	m1	m2	n1	n2	s1	s2	w	x	l	d (k6)	c	e			
FG 32/160	50	32	80	360	132	160	55	96	71	240	190	14	14	260	100	50	24	8	27	33.0		
FG 32/200					160	180	55	95												210	160	38.1
FG 32/200H					160	180	55	95												240	190	36.9
FG 32/250					180	225	65	125												265	212	53.0
FG 40/125	65	40	80	360	112	140	50	100	70	210	160	14	14	260	100	50	24	8	27	30.4		
FG 40/160					132	160	55	100	70	240	190									34.1		
FG 40/200					160	180	55	100	70	265	212									40.2		
FG 40/250					180	225	65	125	95	320	250									59.2		
FG 50/125	65	50	100	360	132	160	50	100	70	240	190	14	14	260	100	50	24	8	27	33.0		
FG 50/160					160	180	55	100	70	265	212									38.3		
FG 50/200					160	200	50	100	70	320	250									50.3		
FG 50/250					180	225	65	125	95	320	250									57.0		
FG 65/125	80	65	100	360	160	180	65	125	95	280	212	14	14	260	100	50	24	8	27	45.2		
FG 65/160					160	200	65	125	95	320	250									48.0		
FG 65/200					180	225	65	125	95	320	250									55.1		
FG 65/250					470	200	250	80	160	120	360									280	18	340
FG 80/160	100	80	125	360	360	180	225	65	125	95	320	250	14	14	260	140	80	32	10	35	53.0	
FG 80/200					470	180	250	65	125	95	345	280									72.0	
FG 80/250					470	200	280	80	160	120	400	315									91.1	
FG 100/160					360	200	280	80	160	120	360	280									18	260
FG 100/200	125	100	140	470	200	280	80	160	120	360	280	18	14	340	140	80	32	10	35	82.1		
FG 100/250					225	280	80	160	120	400	315									96.0		

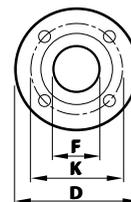
PORT FLANGES



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

COUNTER-FLANGE

(CAN BE ORDERED SEPARATELY)



DN FLANGE	F	D	K	HOLES	
				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		
100	4"	220	180	8	
125	5"	250	210		