



LEISTUNGSBEREICH

- Förderstrom bis zu **6000 l/min** (360 m³/h)
- Förderhöhe bis zu **98 m**

EINSATZBEREICH

- Manometrische Saughöhe bis zu **7 m**
- Temperatur der zu fördernden Flüssigkeit von **-10 °C bis +90 °C**
- Max. Betriebsdruck Gehäuse **10 bar** (PN10)

BAU UND SICHERHEITS NORMEN

EN 733



EU VORSCHRIFT N. 547/2012

ZERTIFIZIERUNGEN

Unternehmen mit DNV zertifiziertem
Managementsystem ISO 9001: QUALITÄT



INSTALLATION UND ANWENDUNG

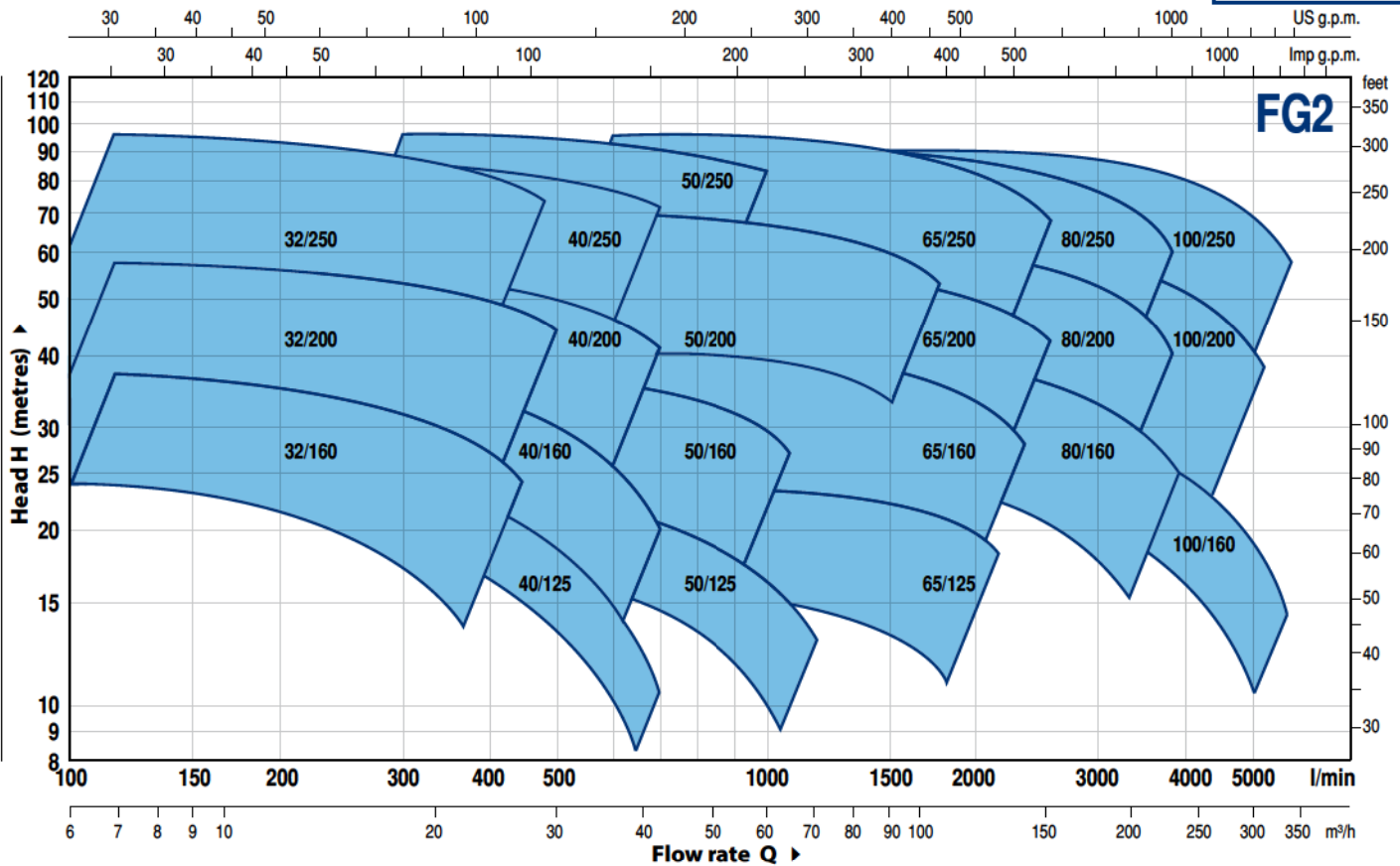
- Wasserversorgung
- Druckerhöhung
- Bewässerung
- Wasserzirkulation in Klimaanlage
- Reinigungssysteme
- Brandbekämpfung
- Landwirtschaftliche Anwendungen
- Industrielle Anwendungen

OPTIONEN AUF ANFRAGE

- Gegenflansch Set komplett mit Schrauben, Muttern und Unterscheiben
- Spezielle Gleitringdichtungen
- Pumpe kompatibel mit 60 Hz Motor
- Verträglichkeit mit heißeren oder kälteren Flüssigkeiten
- Kompatibilität mit heißeren oder kälteren Umgebungen

PERFORMANCE RANGE

n= 2900 min⁻¹



PERFORMANCE DATA

MODEL	MOTOR PAIRING		PERFORMANCE n= 2900 min ⁻¹	
	kW	HP	Q m ³ /h	H metres
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	18-66	32-21
FG2-50/160A	7.5	10	18-66	37-27
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	51-32
FG2-50/250C	11	15	18-54	59-42
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

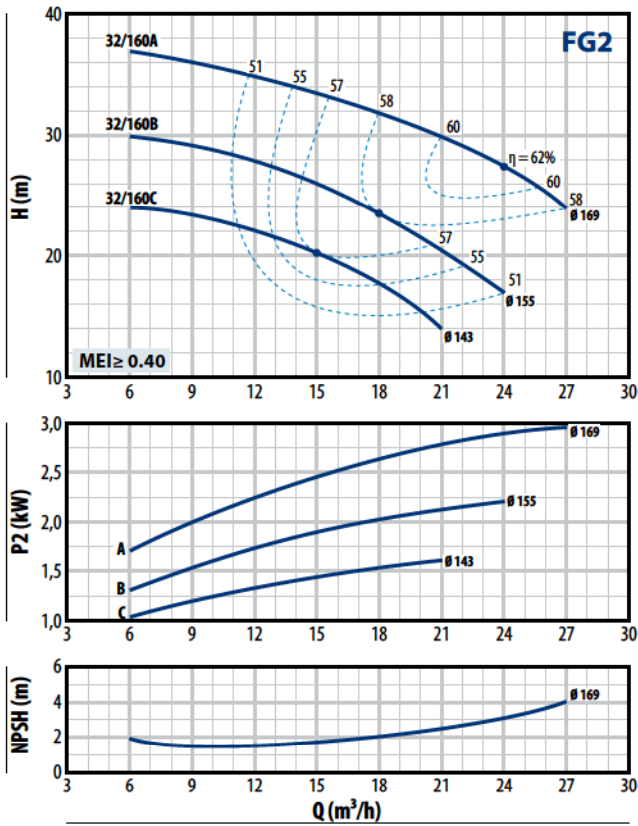
MODEL	MOTOR PAIRING		PERFORMANCE n= 2900 min ⁻¹	
	kW	HP	Q m ³ /h	H metres
FG2-65/125C	4	5.5	36-108	16-11
FG2-65/125B	5.5	7.5	36-120	18-13
FG2-65/125A	7.5	10	36-132	23-18
FG2-65/160C	9.2	12.5	36-132	32-22
FG2-65/160B	11	15	36-144	36.5-23
FG2-65/160A	15	20	36-144	40.5-28
FG2-65/200B	15	20	12-144	44-30.5
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

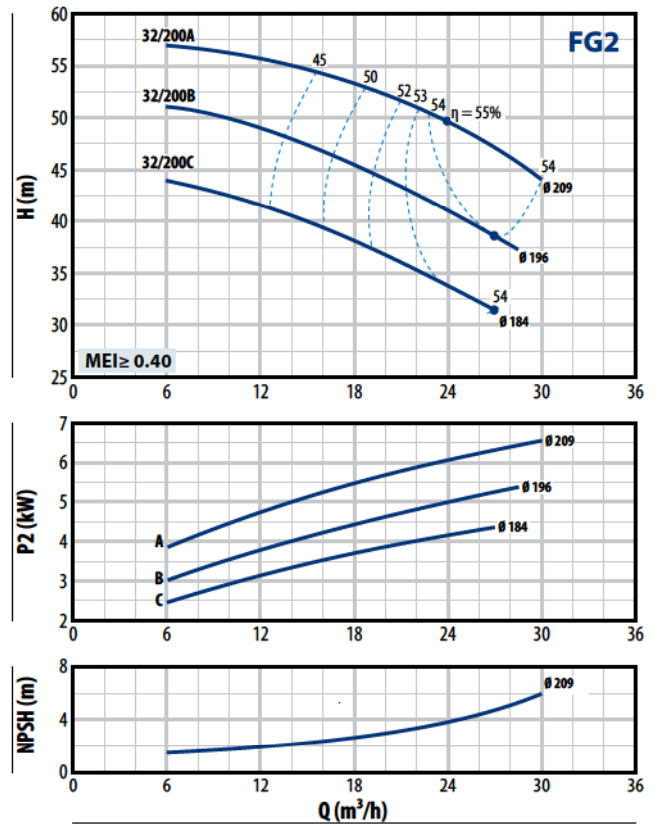
H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

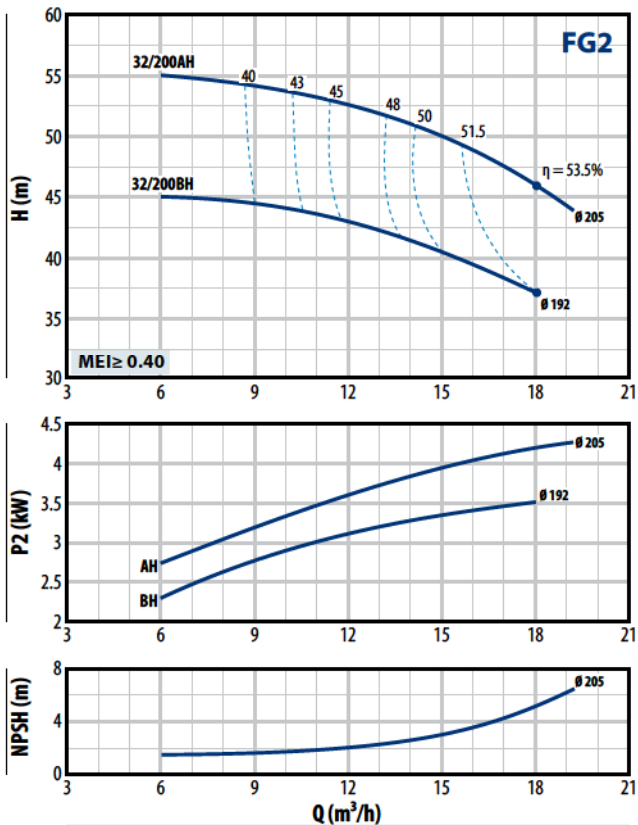
FG2-32/160



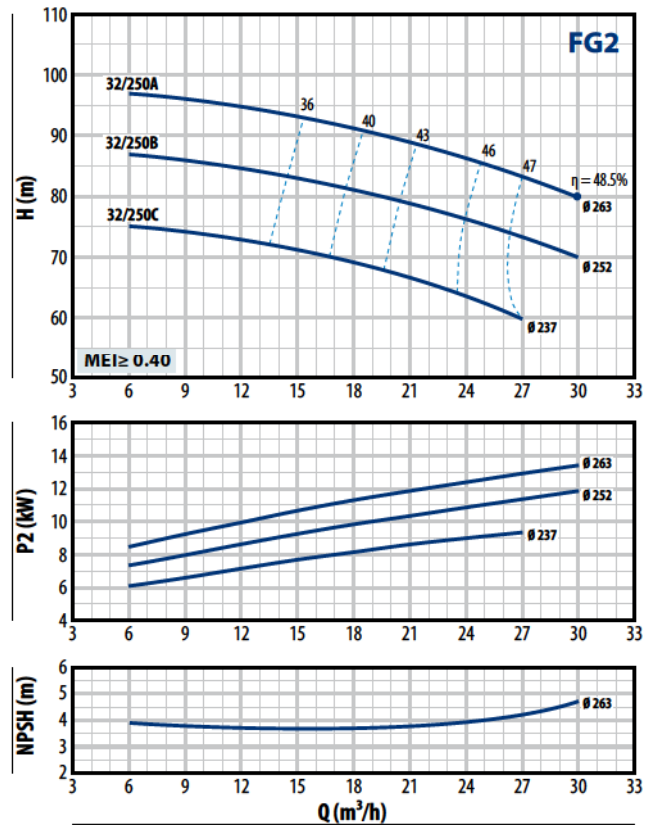
FG2-32/200



FG2-32/200H



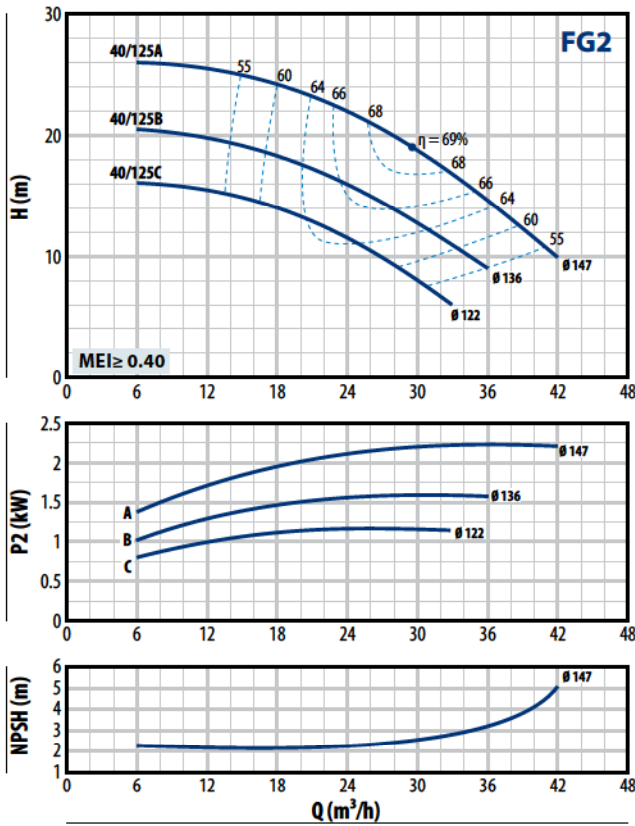
FG2-32/250



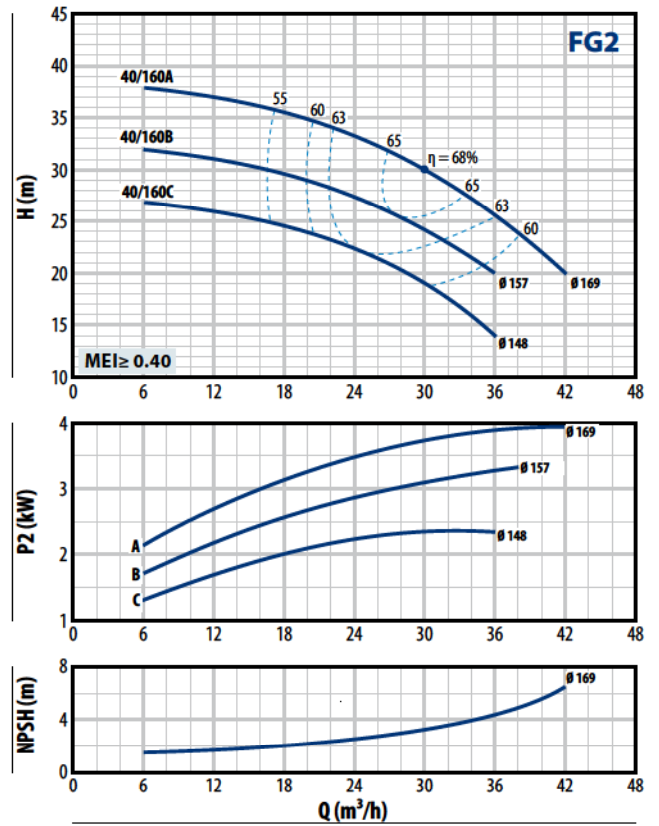
CHARACTERISTIC CURVES

n = 2900 min⁻¹

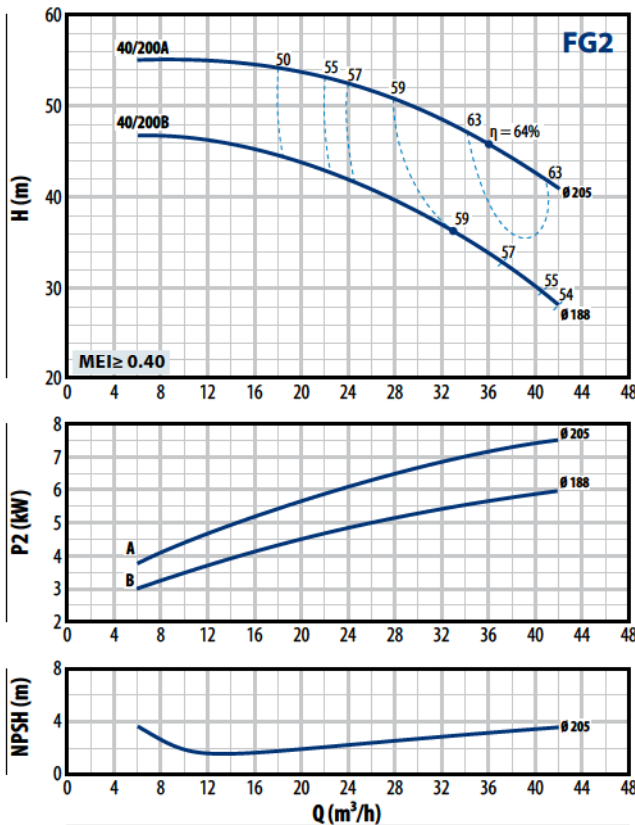
FG2-40/125



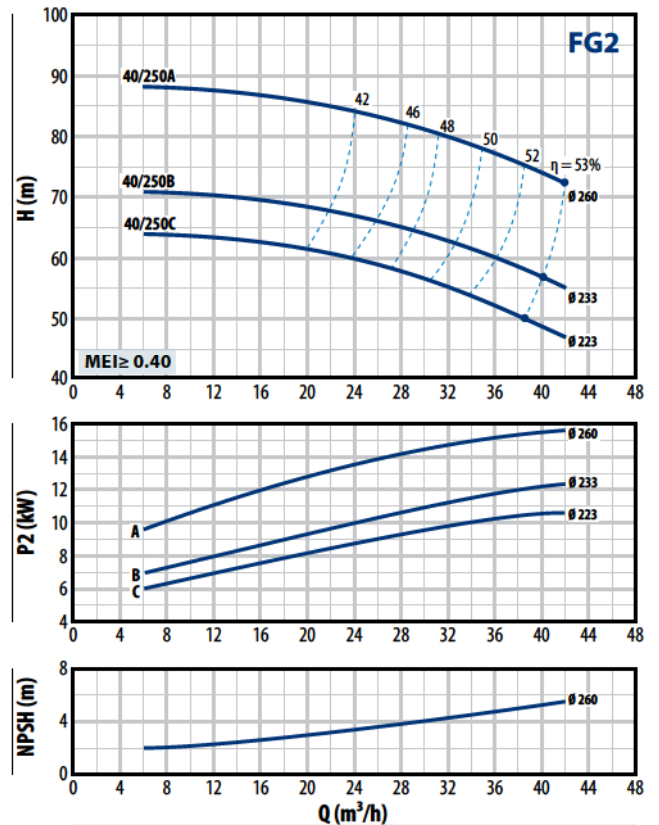
FG2-40/160



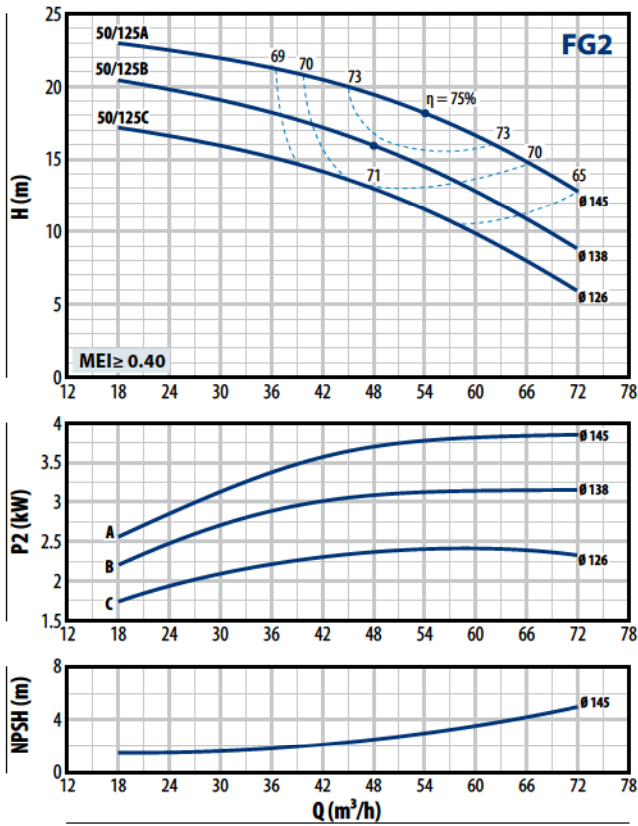
FG2-40/200



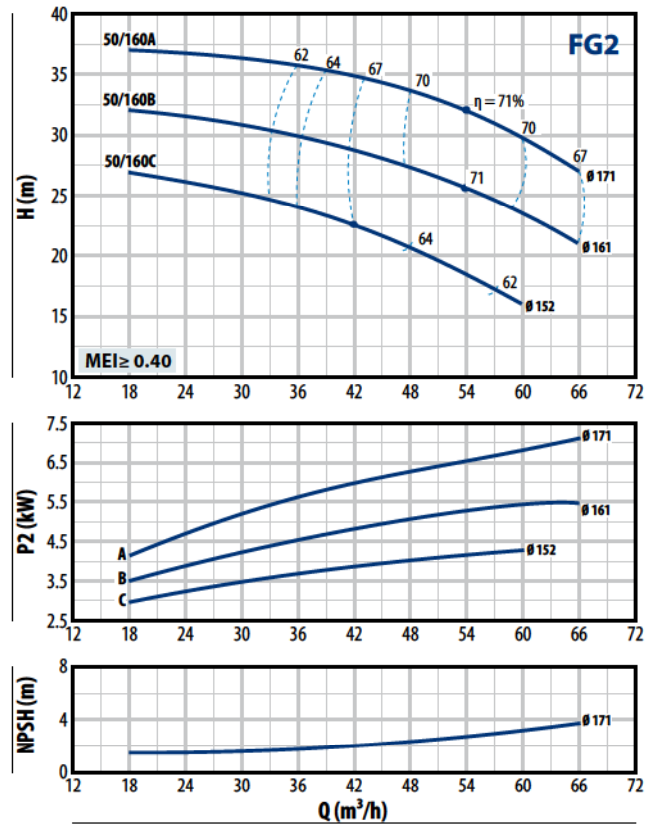
FG2-40/250



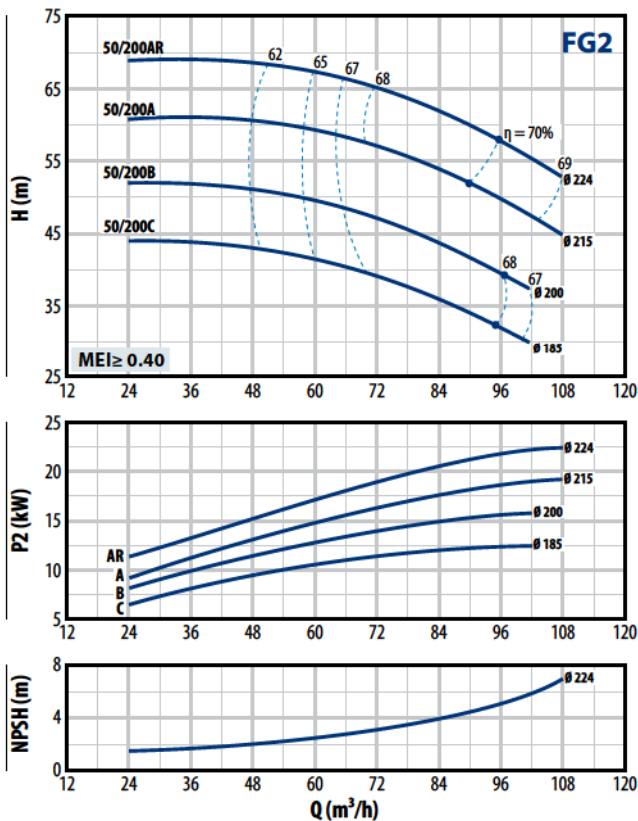
FG2-50/125



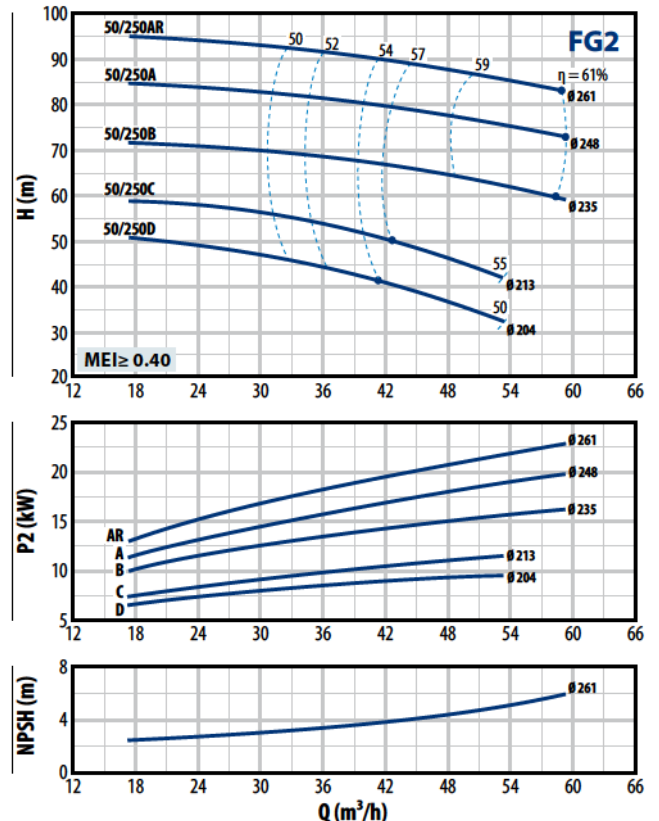
FG2-50/160



FG2-50/200



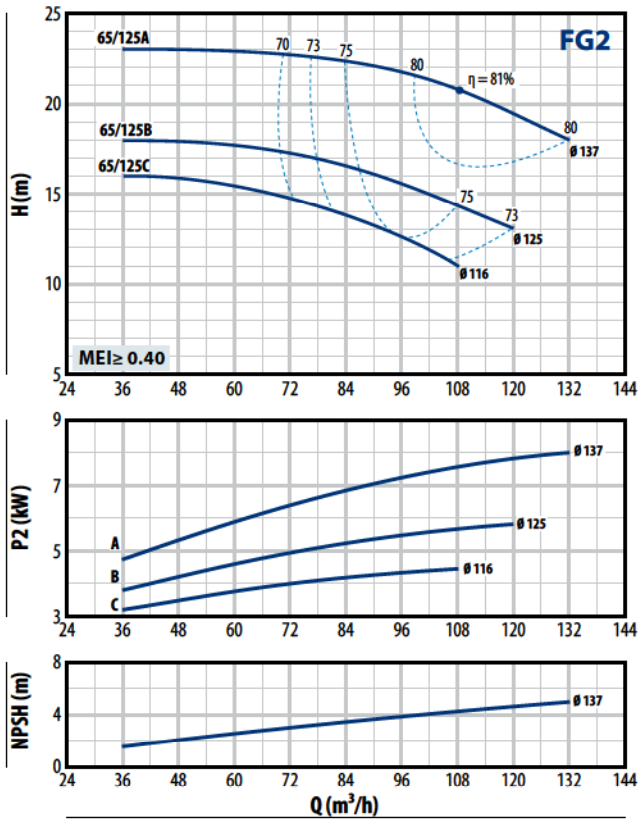
FG2-50/250



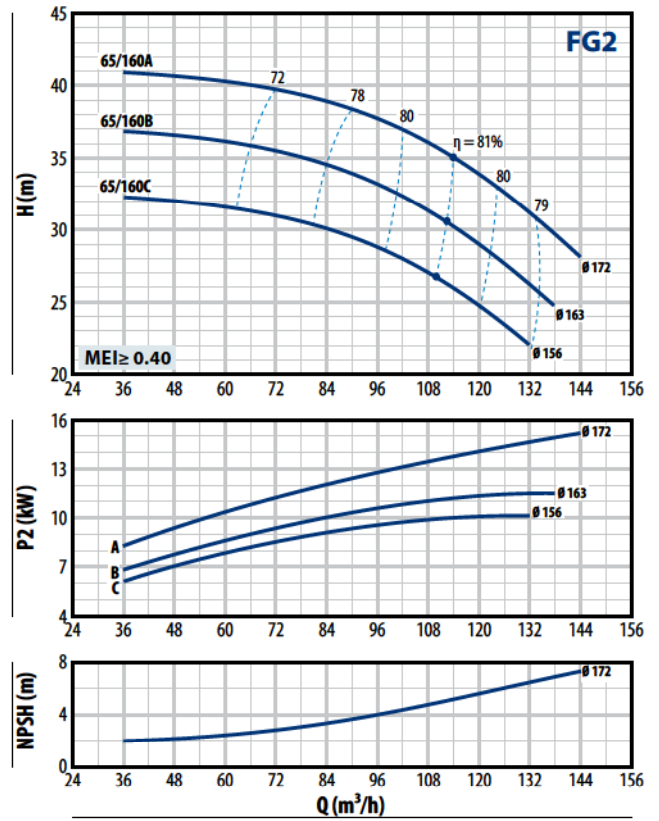
CHARACTERISTIC CURVES

n= 2900 min⁻¹

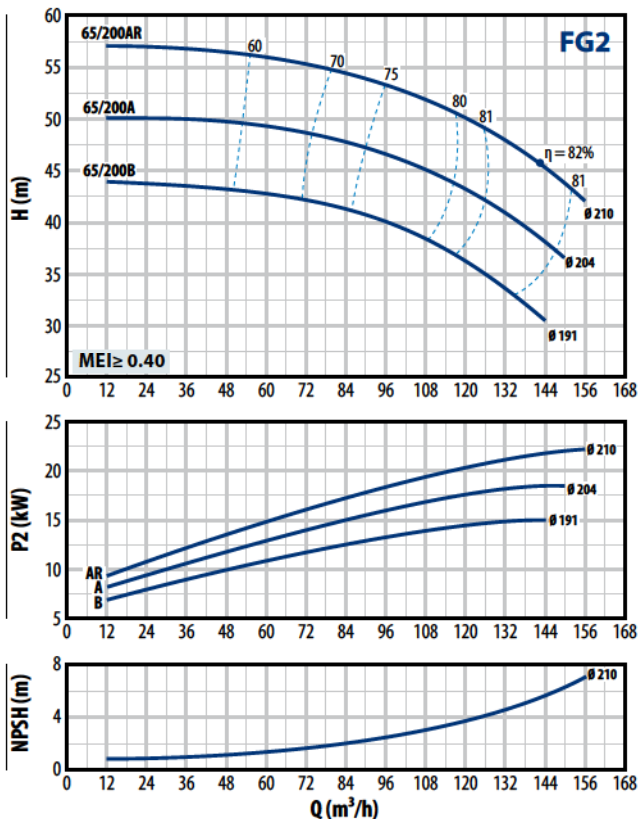
FG2-65/125



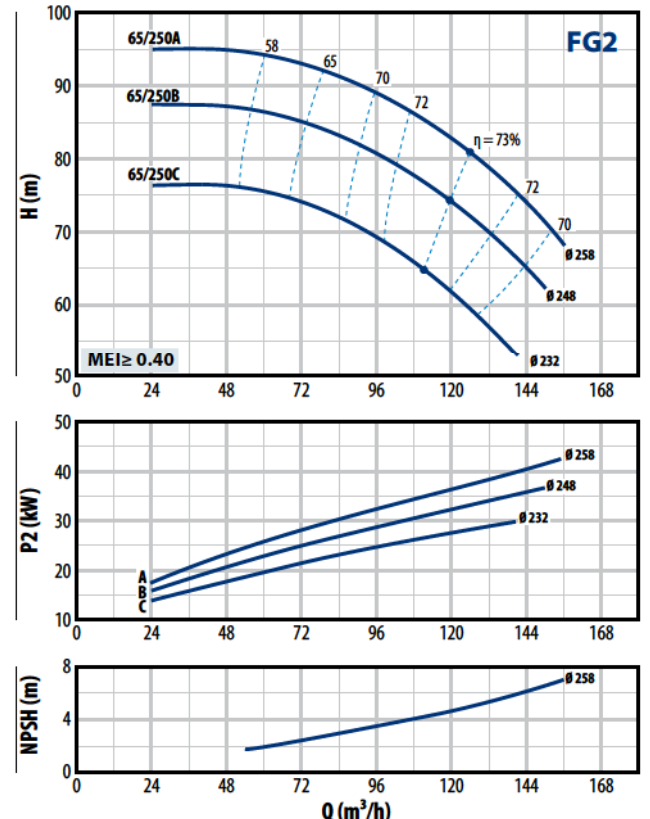
FG2-65/160



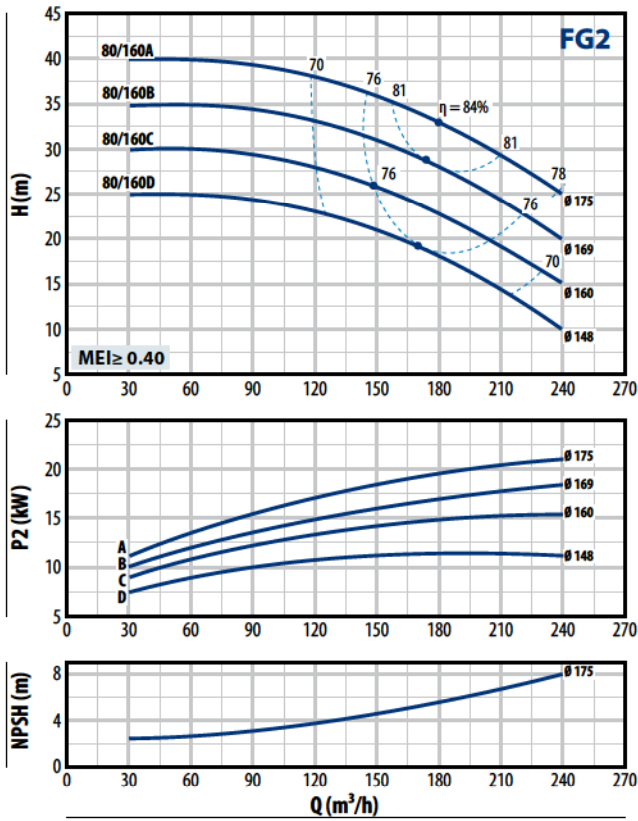
FG2-65/200



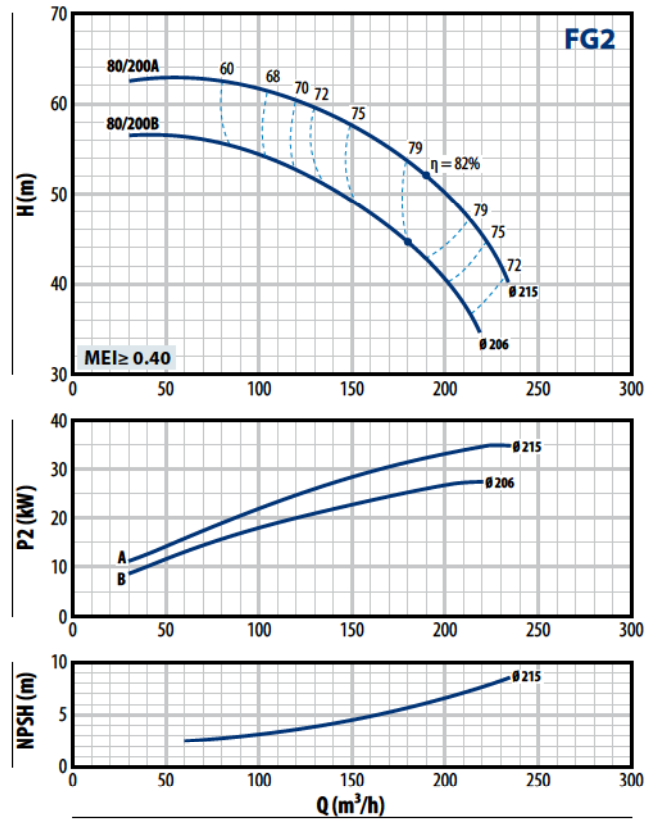
FG2-65/250



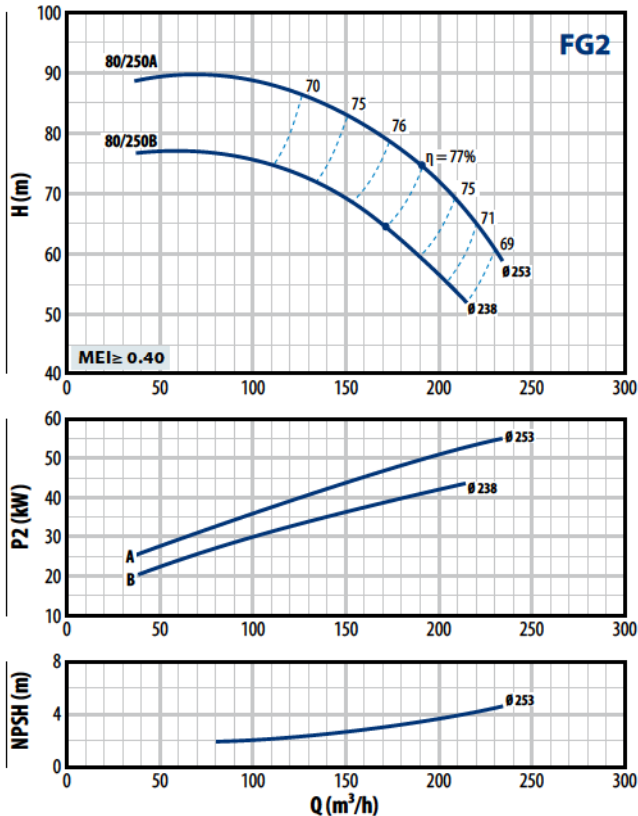
FG2-80/160



FG2-80/200



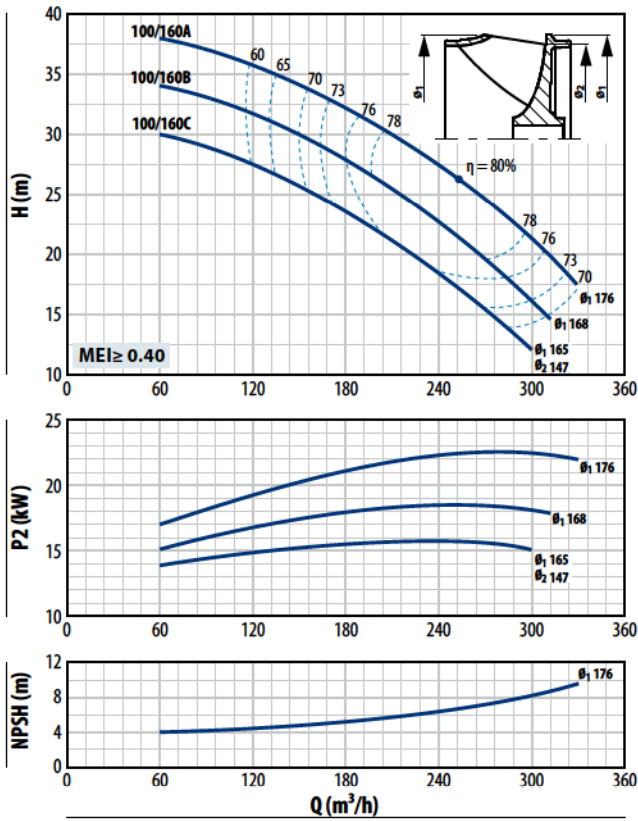
FG2-80/250



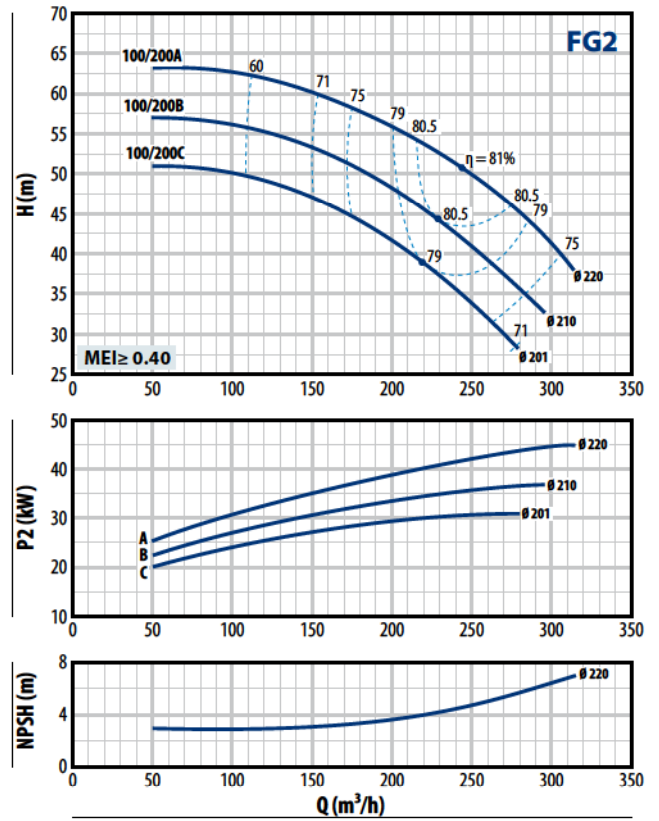
CHARACTERISTIC CURVES

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

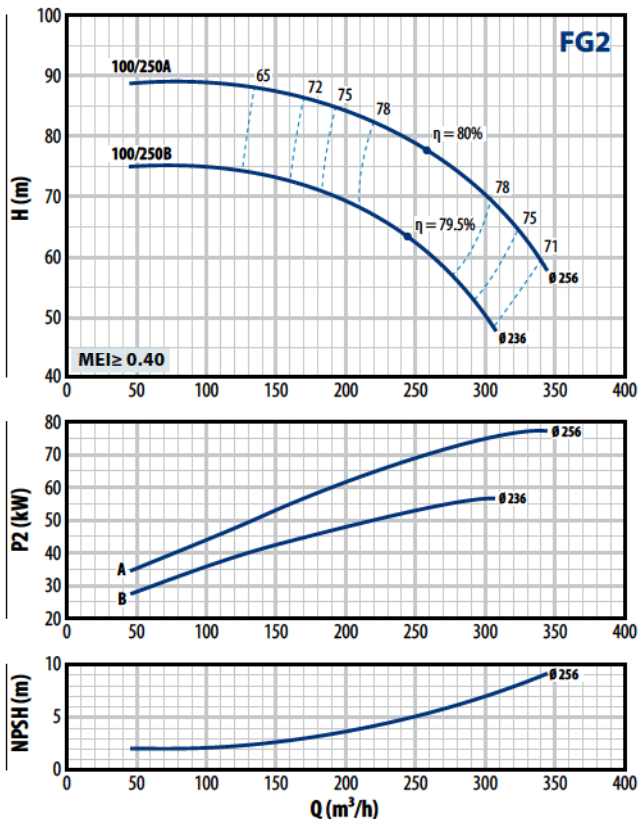
FG2-100/160



FG2-100/200

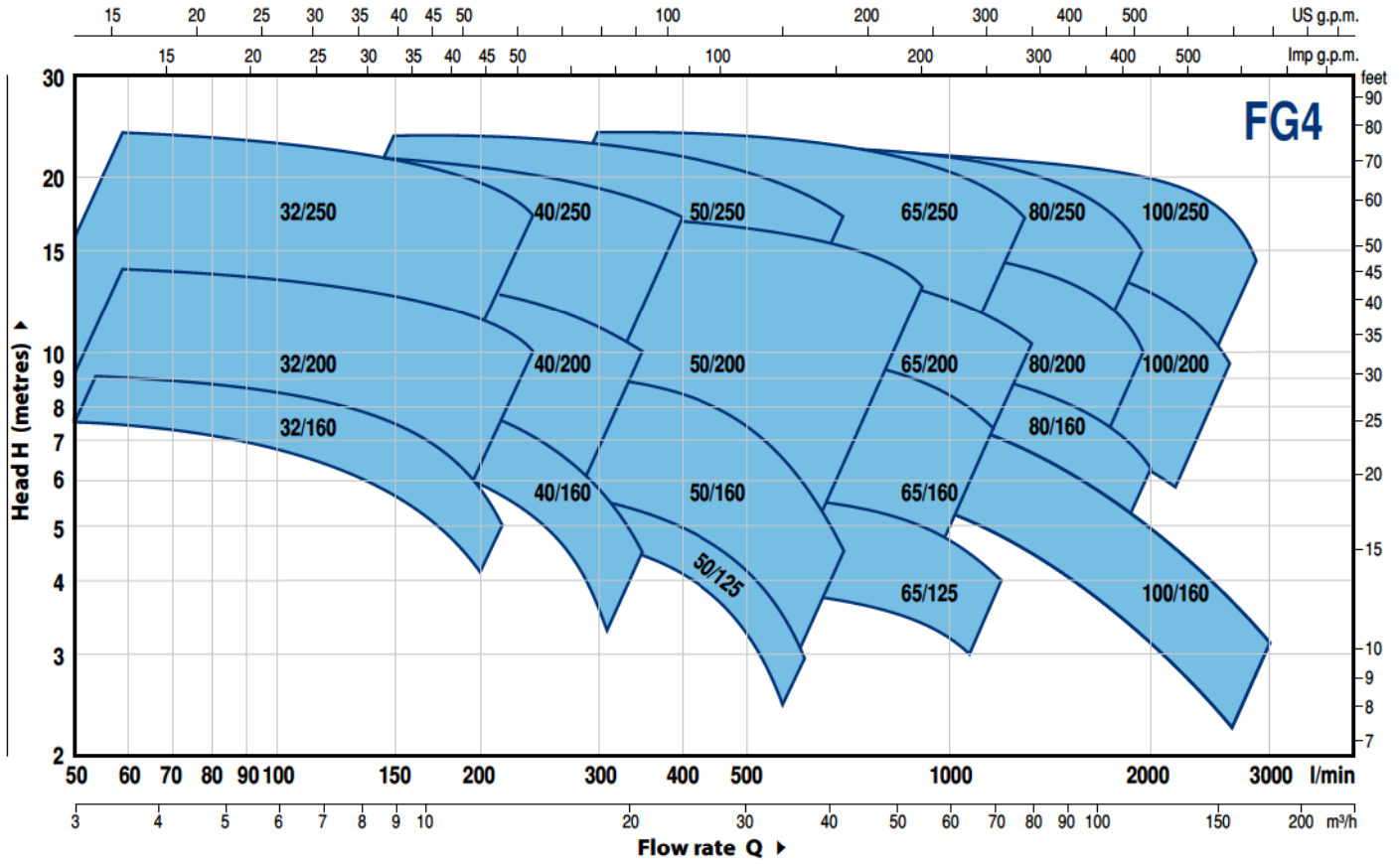


FG2-100/250



PERFORMANCE RANGE

n = 1450 min⁻¹



PERFORMANCE DATA

MODEL	MOTOR PAIRING		PERFORMANCE n = 1450 min ⁻¹	
	kW	HP	Q m ³ /h	H metres
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

MODEL	MOTOR PAIRING		PERFORMANCE n = 1450 min ⁻¹	
	kW	HP	Q m ³ /h	H metres
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

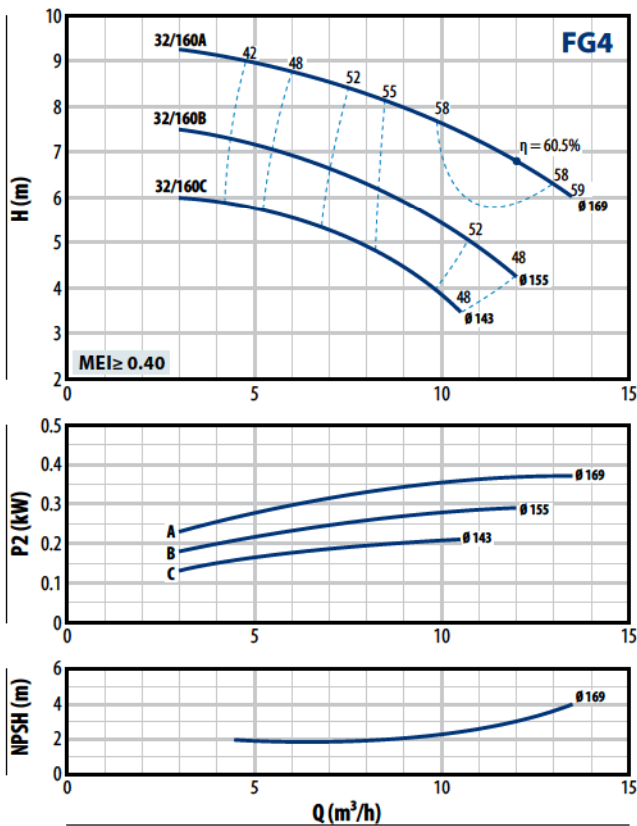
H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

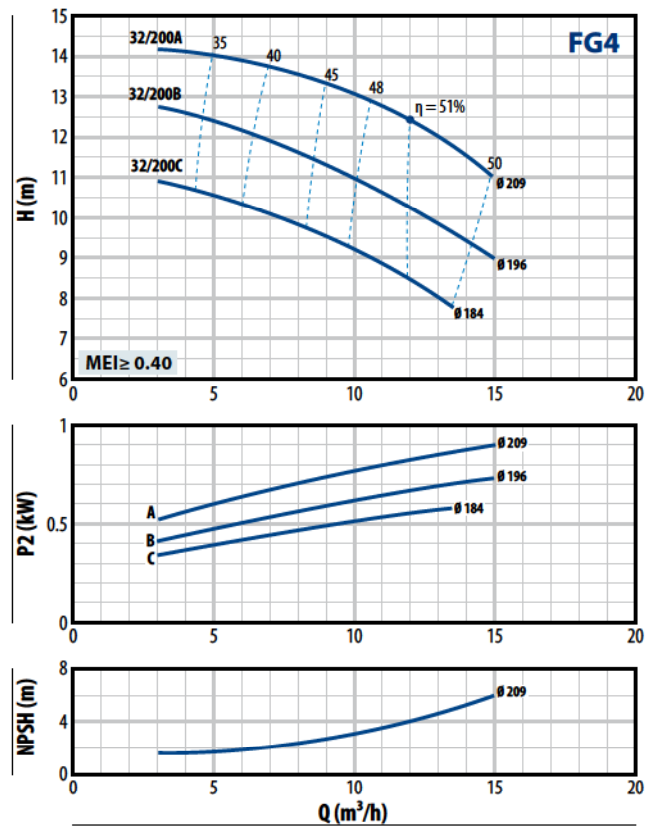
CHARACTERISTIC CURVES

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

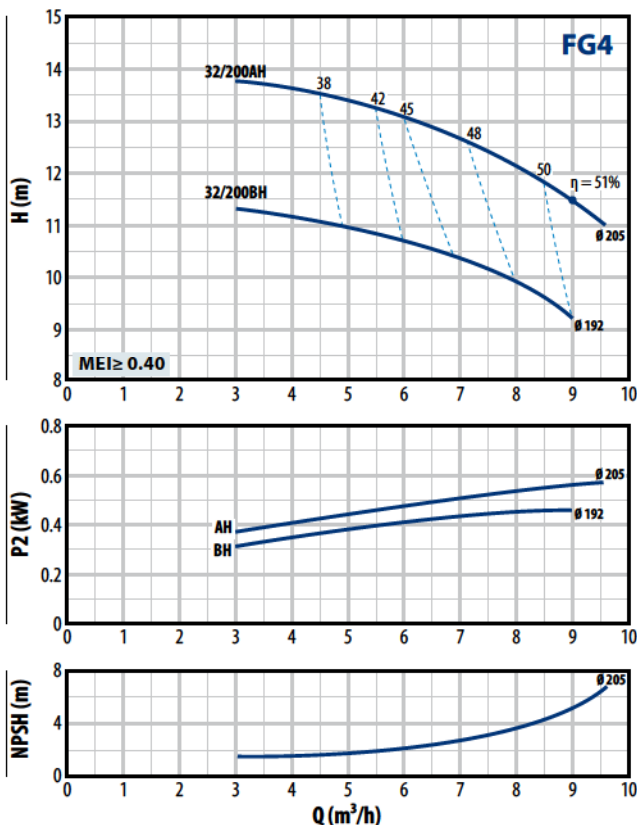
FG4-32/160



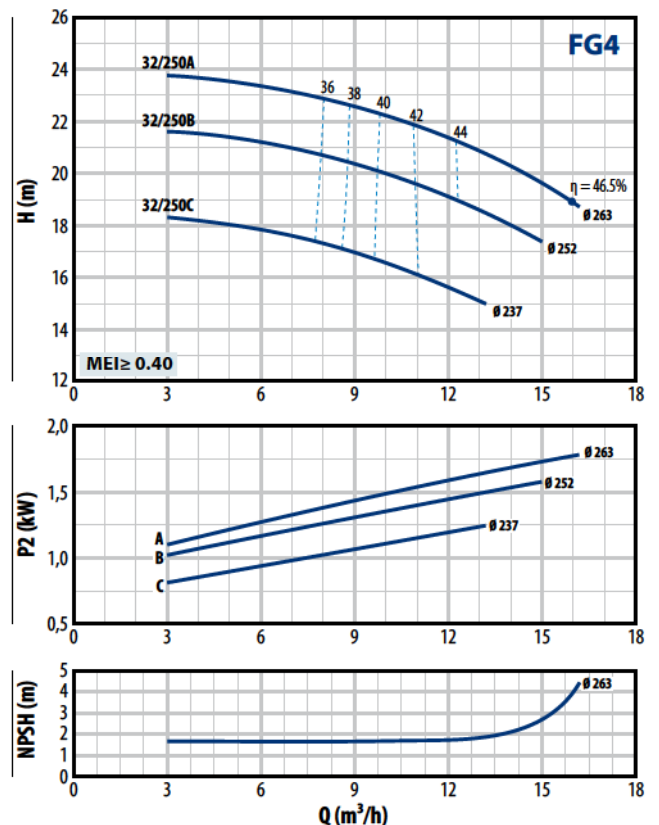
FG4-32/200



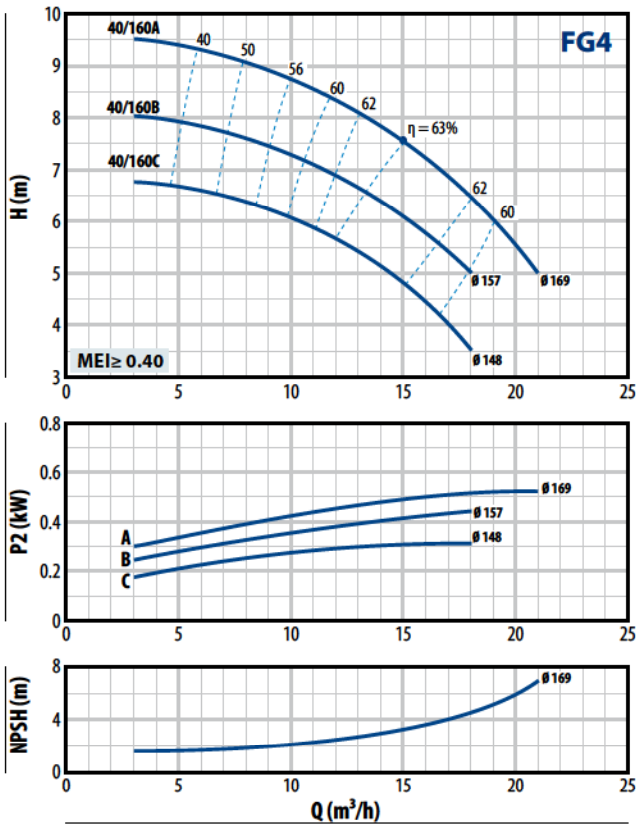
FG4-32/200H



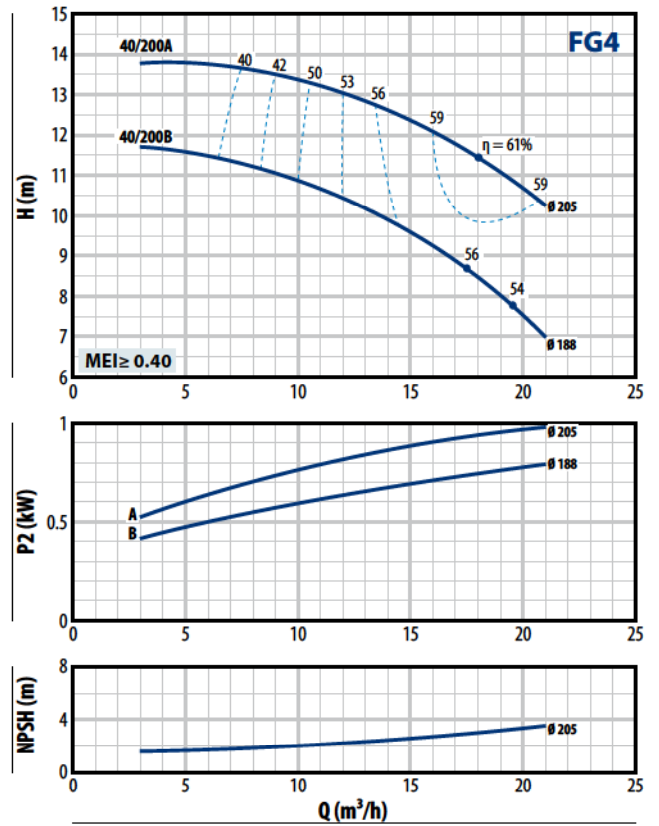
FG4-32/250



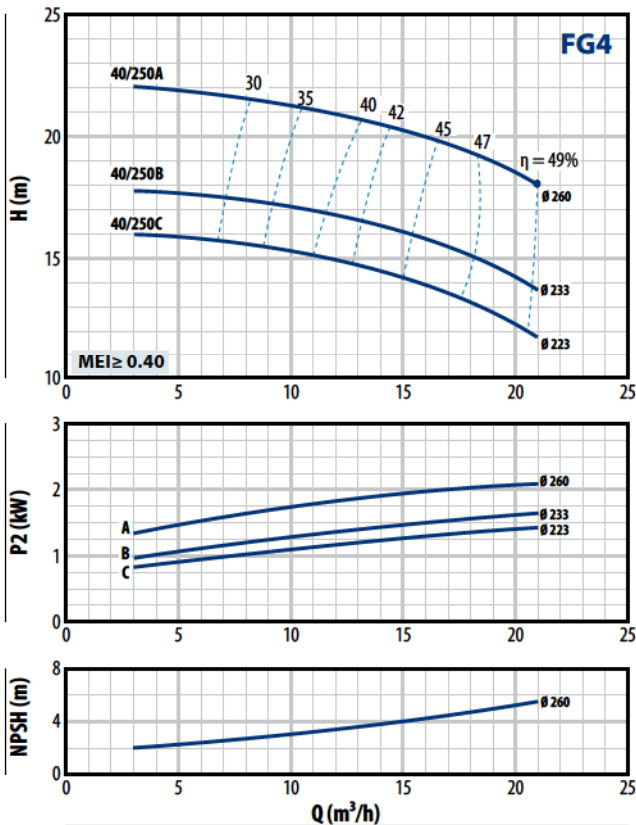
FG4-40/160



FG4-40/200



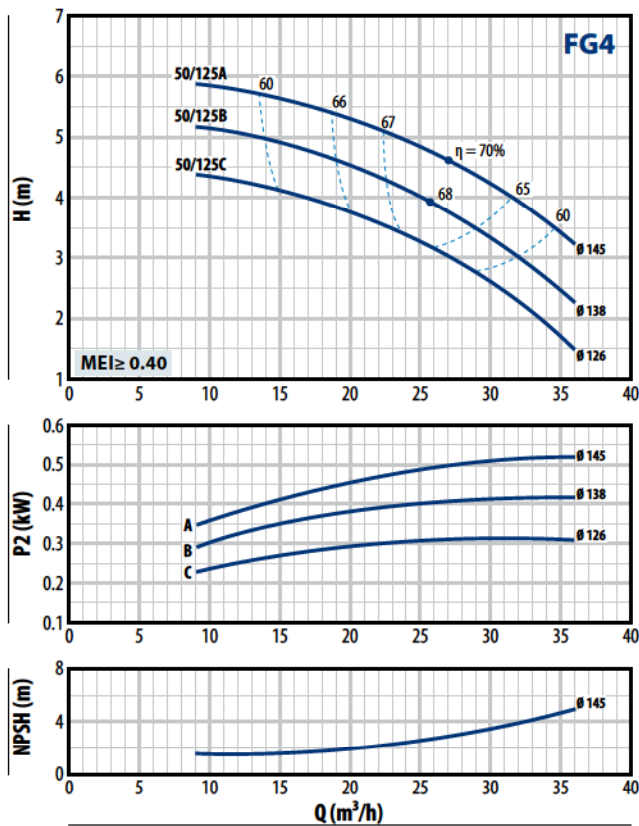
FG4-40/250



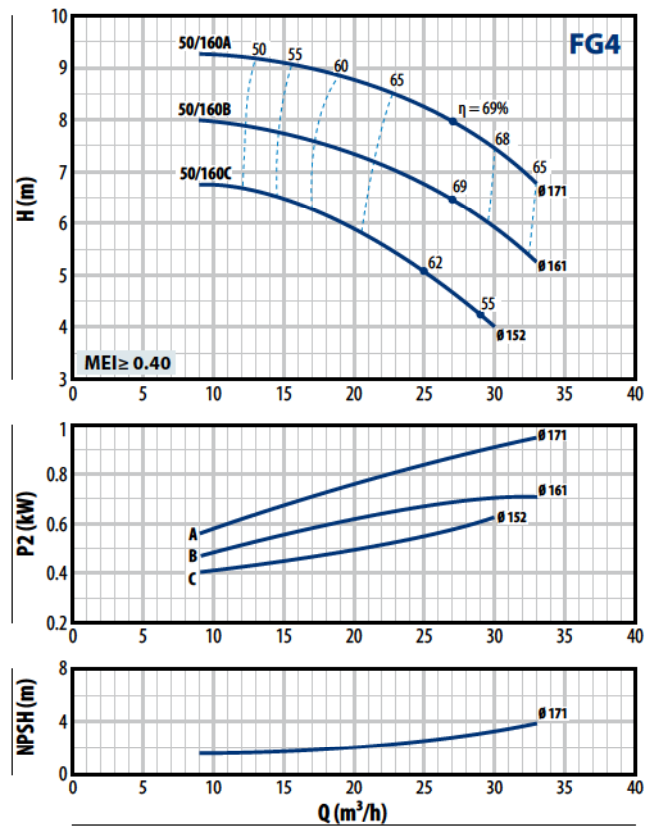
CHARACTERISTIC CURVES

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

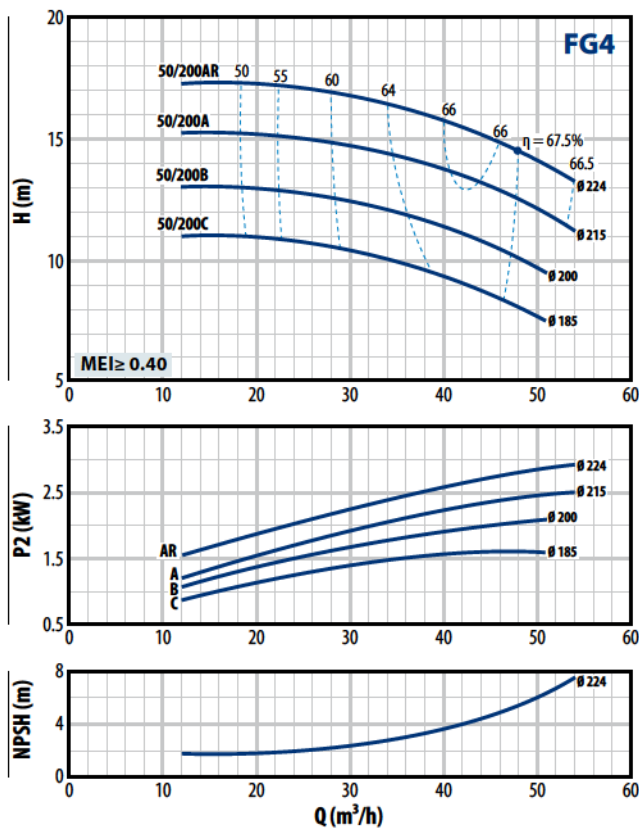
FG4-50/125



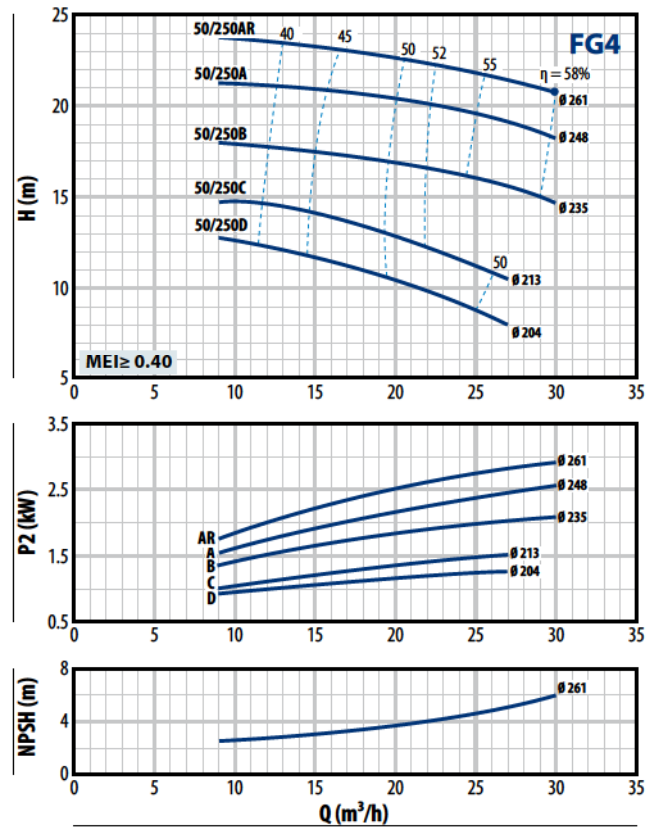
FG4-50/160



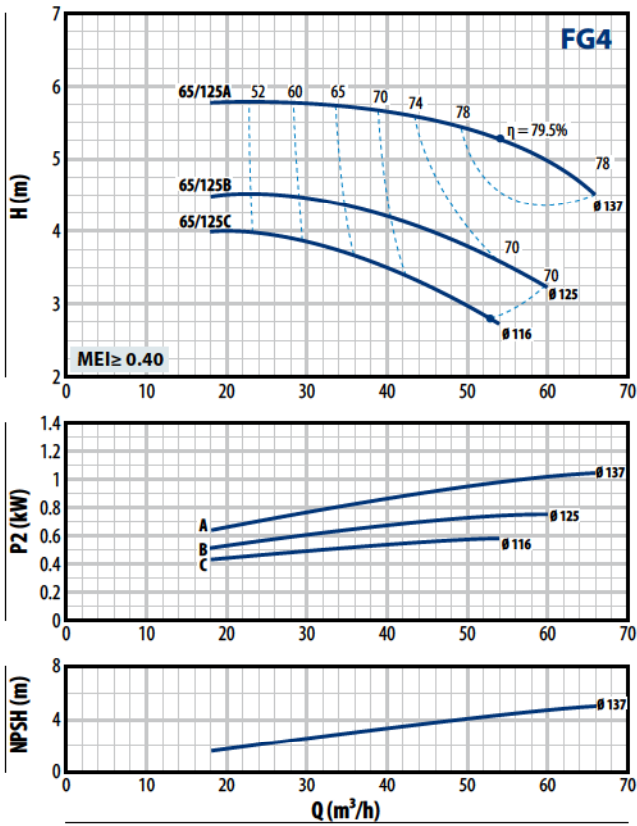
FG4-50/200



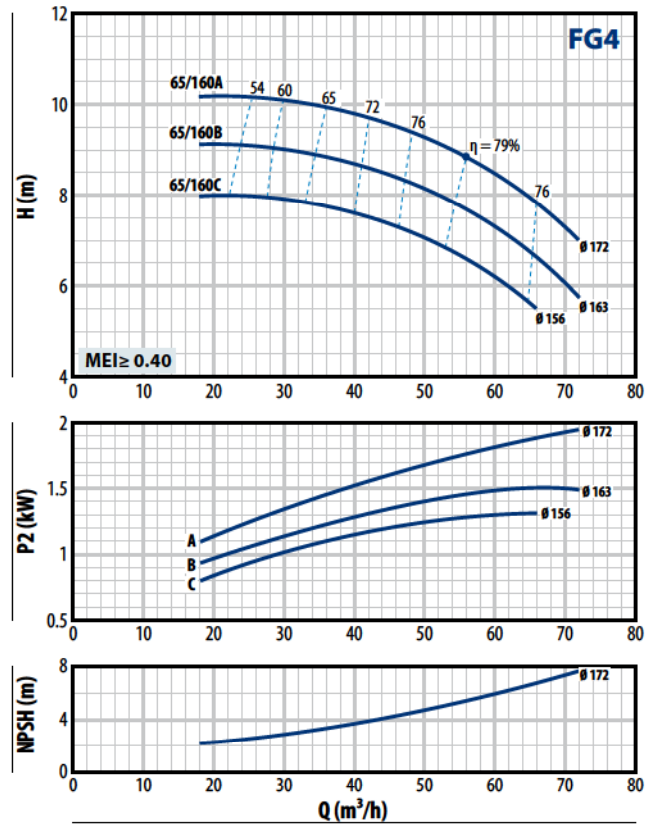
FG4-50/250



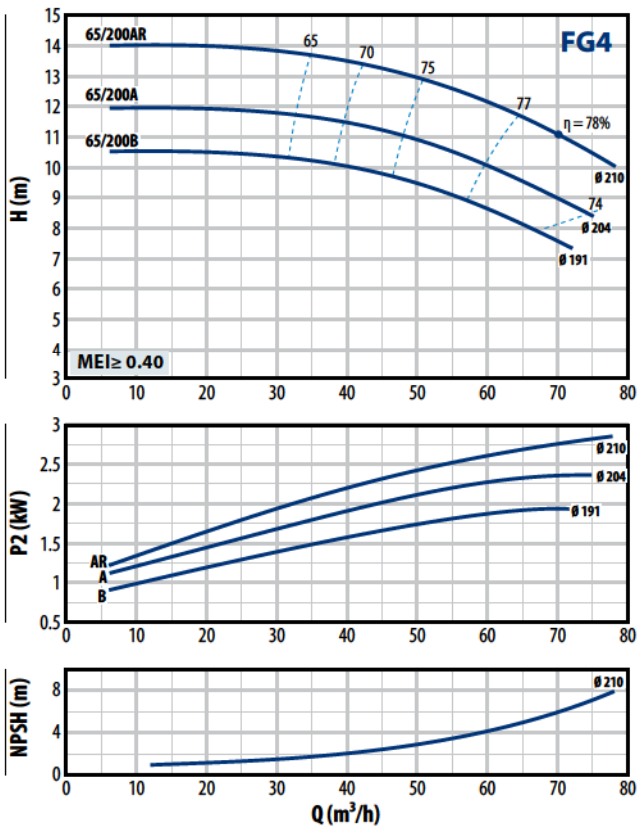
FG4-65/125



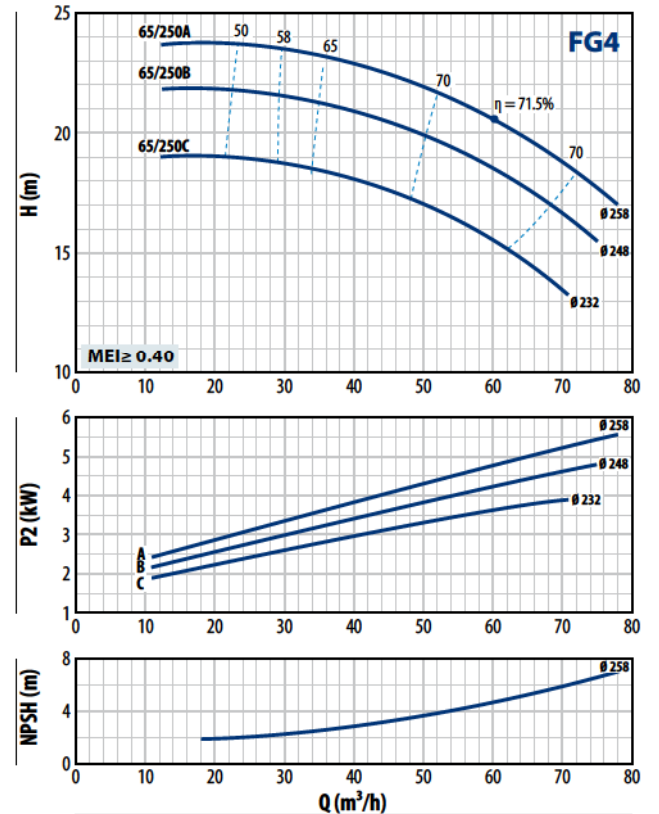
FG4-65/160



FG4-65/200



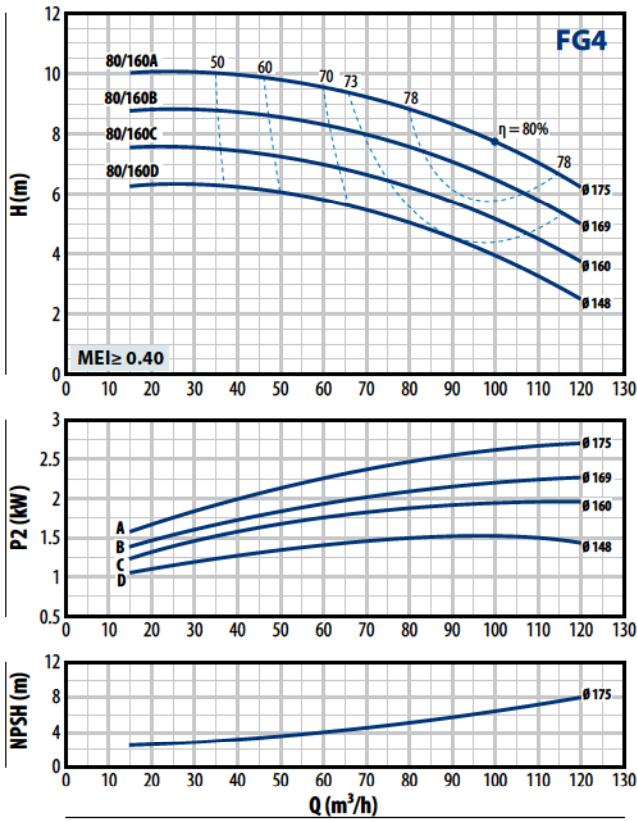
FG4-65/250



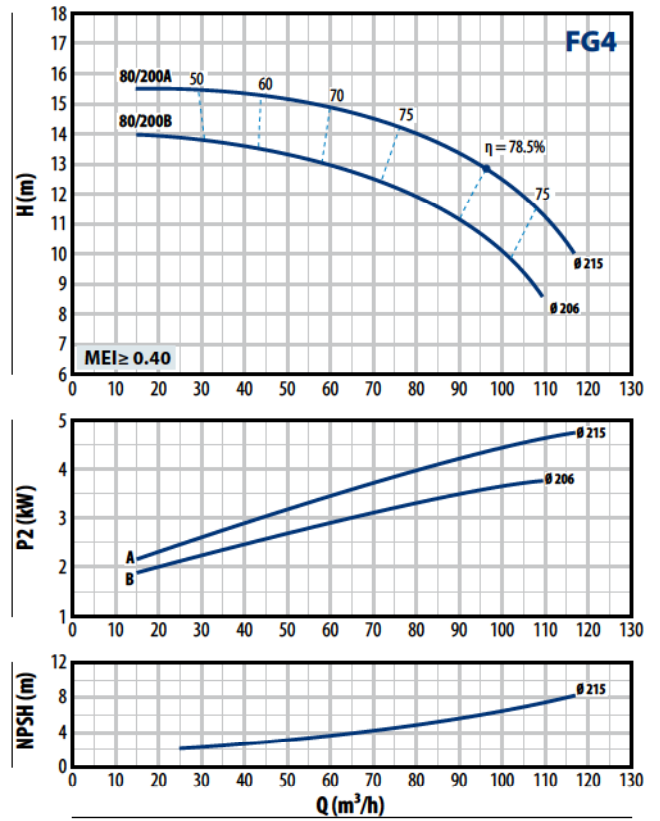
CHARACTERISTIC CURVES

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

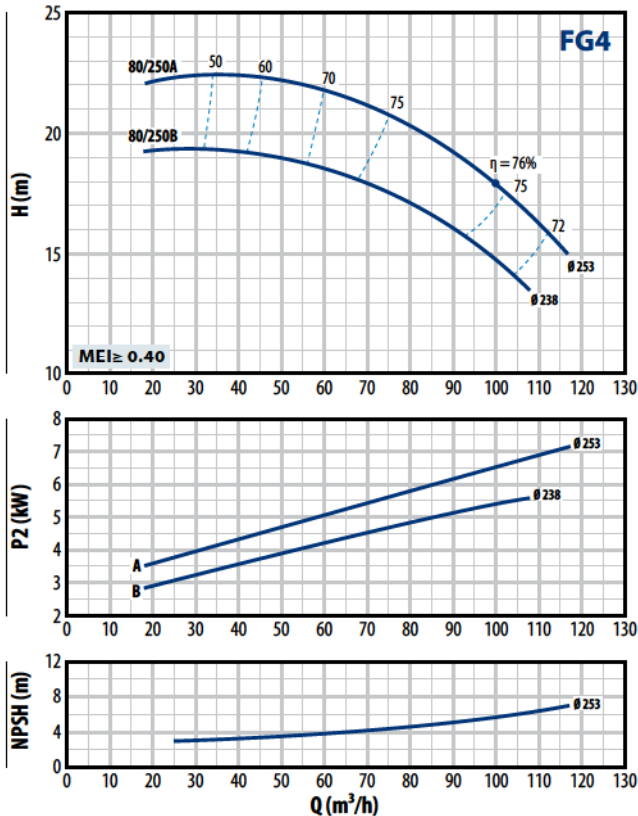
FG4-80/160



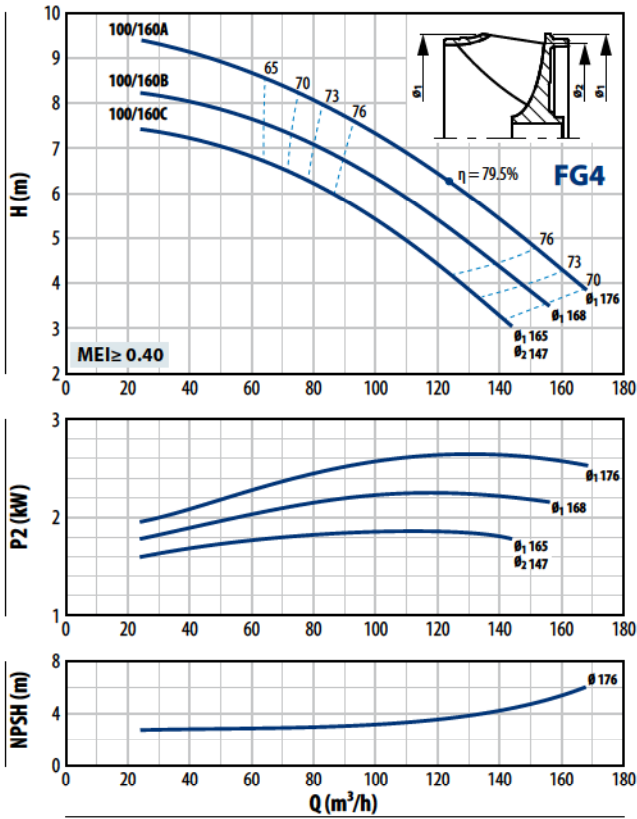
FG4-80/200



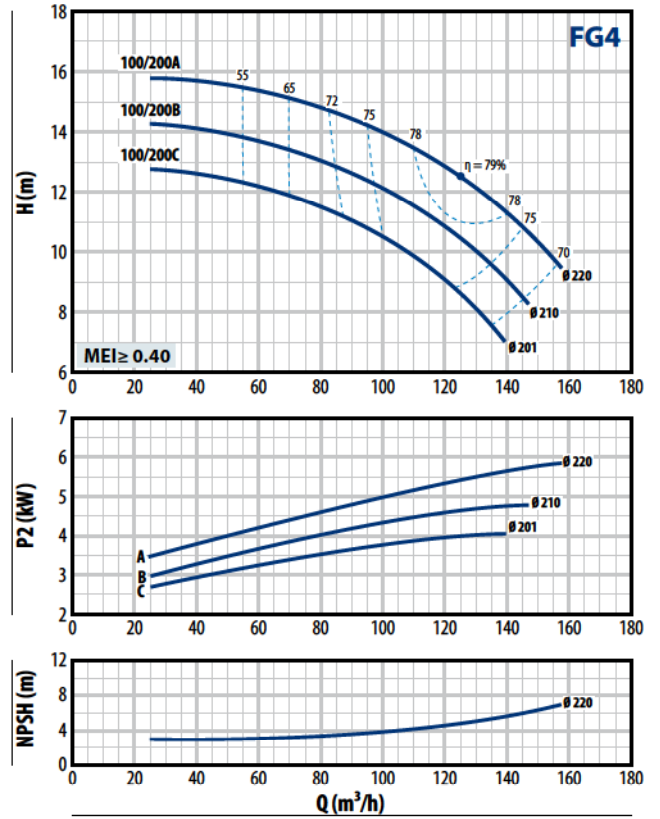
FG4-80/250



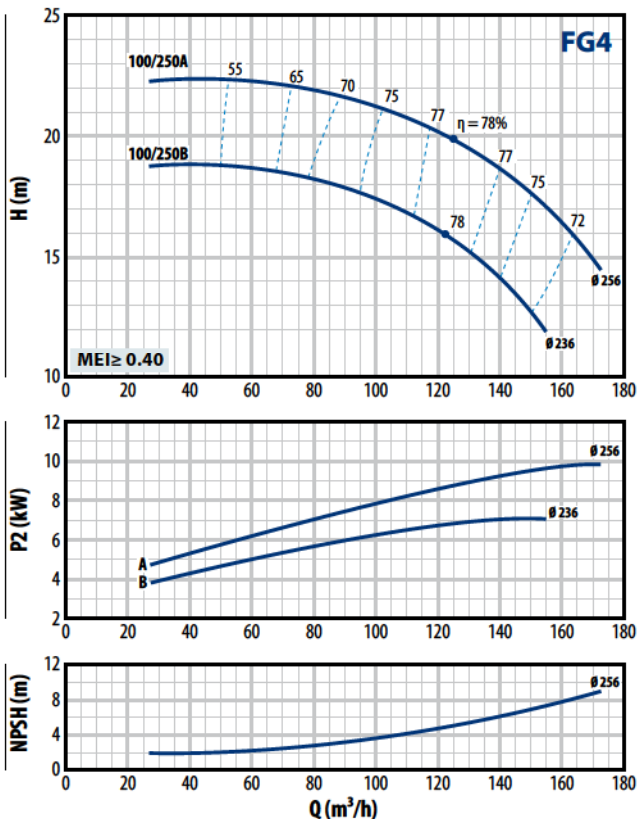
FG4-100/160



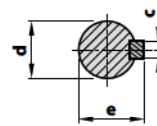
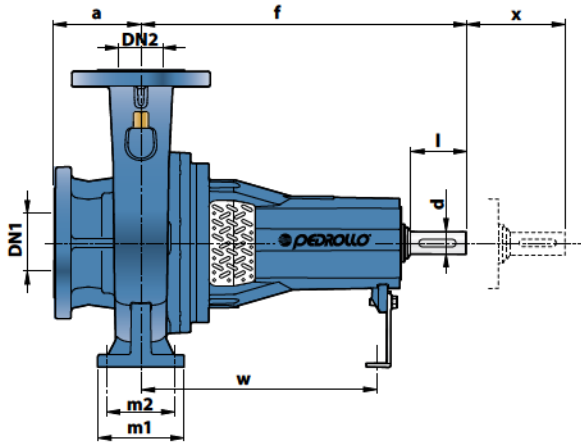
FG4-100/200



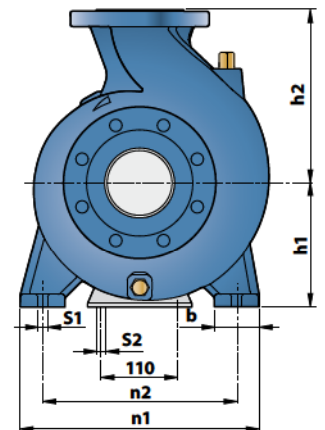
FG4-100/250



DIMENSIONS AND WEIGHT

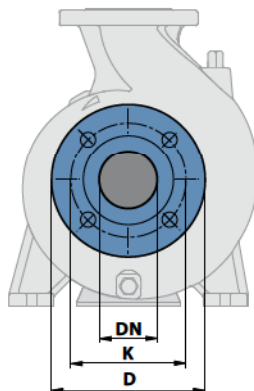


SHAFT mm		
d	c	e
24 k6	8	27
32 k6	10	35



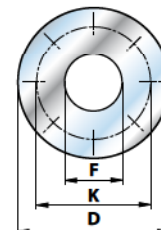
MODEL	DIMENSIONS mm																kg		
	DN1	DN2	a	f	h1	h2	b	m1	m2	n1	n2	s1	s2	w	x	d		l	
FG 32/160	50	32	80	360	132	160	55	96	71	240	190	14	14	260	100	24	50	33.0	
FG 32/200					160	180	55	95											27
FG 32/200H					160	180	55	95											27
FG 32/250	65	40	100	360	180	225	65	125	95	320	250	14	14	260	100	24	50	53.0	
FG 40/125					112	140	50	100	70	210	160								
FG 40/160					132	160	55	100	70	240	190								
FG 40/200	65	40	100	360	160	180	55	125	95	265	212	14	14	260	100	24	50	40.0	
FG 40/250					180	225	65	125	95	320	250								
FG 50/125					132	160	50	100	70	240	190								
FG 50/160	65	50	100	360	160	180	55	100	70	265	212	14	14	260	100	24	50	33.0	
FG 50/200					160	200	50	100	70	320	250								
FG 50/250					180	225	65	125	95	320	250								
FG 65/125	80	65	125	470	160	180	65	125	95	280	212	18	18	340	140	32	80	45.0	
FG 65/160					160	200	65	125	95	320	250								
FG 65/200					180	225	65	160	120	360	280								
FG 65/250	100	80	125	470	200	250	80	160	120	360	280	18	18	340	140	24	50	83.0	
FG 80/160					360	180	225	65	125	95	320								250
FG 80/200					180	250	65	125	95	345	280								
FG 80/250	100	80	125	470	200	280	80	160	120	400	315	18	18	340	140	32	80	75.0	
FG 100/160					360	200	280	80	160	120	360								280
FG 100/200					200	280	80	160	120	360	280								
FG 100/250	125	100	140	470	225	280	80	160	120	400	315	18	18	340	140	32	80	93.0	
FG 100/250					225	280	80	160	120	400	315								

FLANGED PORTS



COUNTER FLANGES

(CAN BE ORDERED SEPARATELY)



DN FLANGES mm	D mm	K mm	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	18
125	250	210		

DN FLANGES mm	F COUNTERFLANGES	D mm	K mm	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	18
125	5"	250	210		