



### PERFORMANCE RANGE

- Flow rate up to **6000 l/min** (360 m<sup>3</sup>/h)
- Head up to **95 m**

### APPLICATION LIMITS

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

### CONSTRUCTION AND SAFETY STANDARDS

EN 733



### CERTIFICATIONS



### INSTALLATION AND USE

- Water supply
- Pressure boosting
- Irrigation
- Water circulation in climatization sets
- Cleaning sets
- Firefighting sets
- Industrial applications
- Agricultural applications

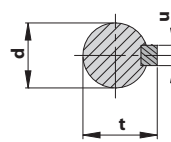
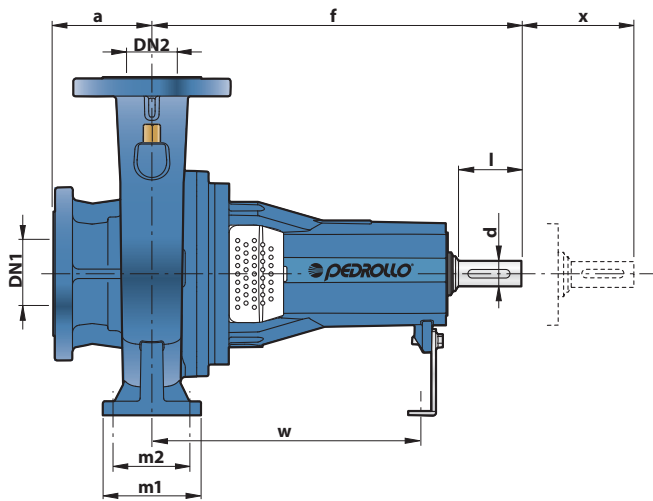
### OPTIONALS AVAILABLE ON REQUEST

- Special mechanical seal
- Counterflange
- Pumps compatible with 60 Hz motors
- Compatibility with hotter or colder liquids
- Compatibility with hotter or colder ambients

### GUARANTEE

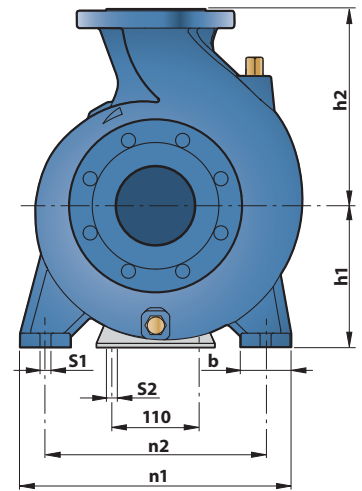
2 years subject to terms and conditions

### DIMENSIONS AND WEIGHT

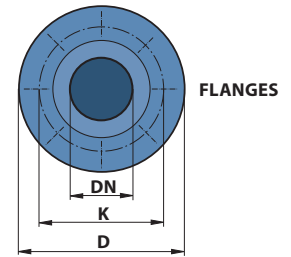


SHAFT DIMENSIONS

mm		
d	u	t
24 k6	8	27
32 k6	10	35



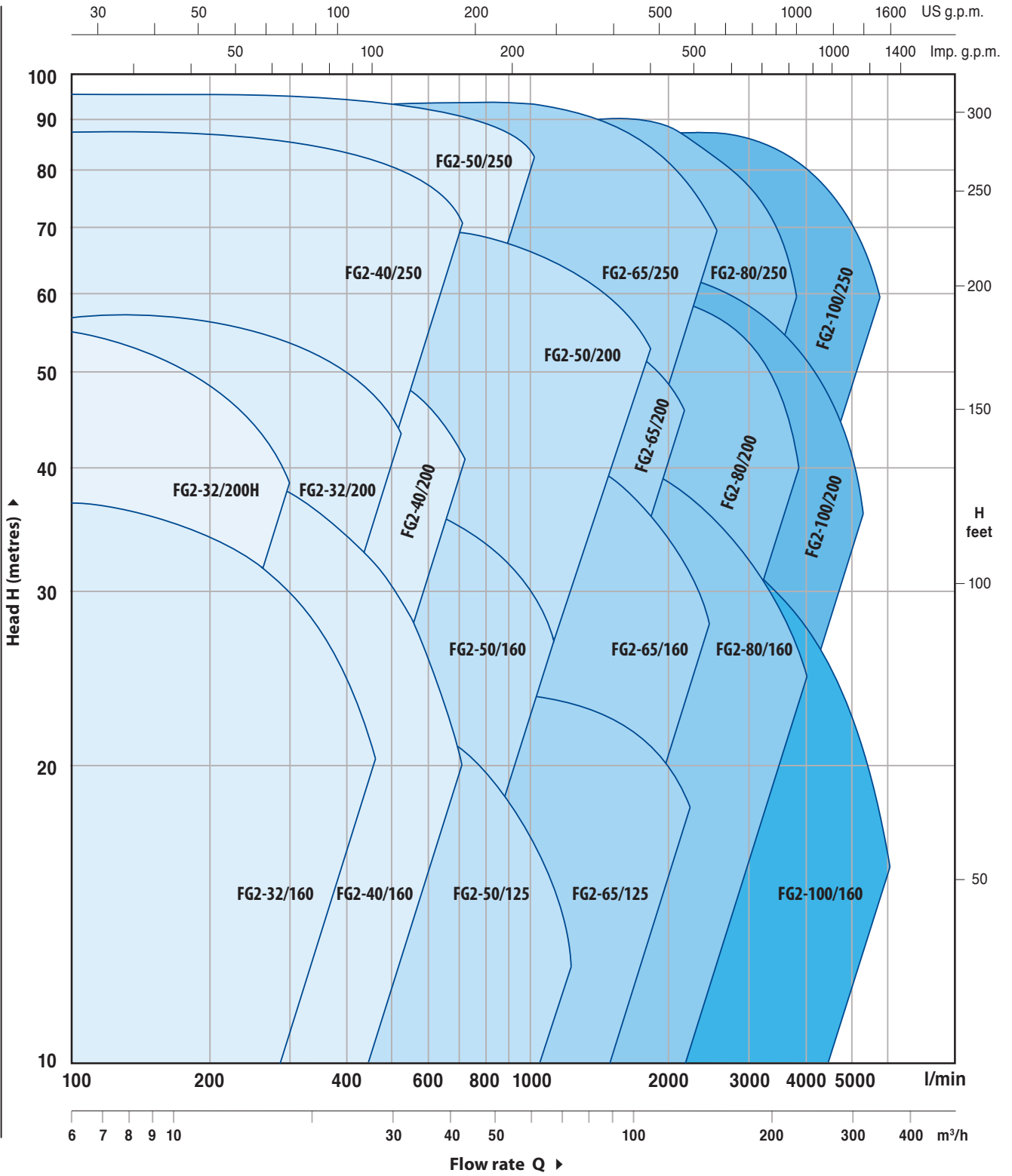
DN FLANGES	D mm	K mm	HOLES	
			N°	Ø (mm)
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	18
100	220	180		
125	250	210		



MODEL	PORTS		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	50	100	70	240	190	14	14	260	100	24	50	30.9
FG 32/200					160	180	55	95		245	32.0							
FG 32/200H					160	180	55	100	240	31.4								
FG 40/160	65	40	100	360	132	160	50	100	70	240		14	14	260	100	24	50	29.0
FG 40/200					160	180	55	100		265	212							35.6
FG 40/250					180	225	65	125	95	320	250							44.4
FG 50/125	65	50	100	360	132	160	50	100	70	240	190	14	14	260	100	24	50	28.9
FG 50/160					160	180	55	100		265	212							32.8
FG 50/200					160	200	50											41.3
FG 50/250	180	225	65			320	250	46.6										
FG 65/125	80	65	100	360	160	180	65	125	95	280	212	14	14	260	100	24	50	40.1
FG 65/160					160	200	65											
FG 65/200					180	225	65			320	250							46.5
FG 65/250				470	200	250	80	160	120	360	280	18		340		32	80	67.7
FG 80/160	100	80	125	360	180	225	65	125	95	320	250	14	14	260	140	24	50	45.2
FG 80/200					180	250	65											345
FG 80/250					200	280	80			400	315							76.8
FG 100/160	125	100	140	470	200	280	80	160	120	360	280	18	18	260	140	24	50	52.8
FG 100/200					200	280	80											360
FG 100/250					225	280	80			400	315							84.0

**PERFORMANCE RANGE**

HS= 0 m

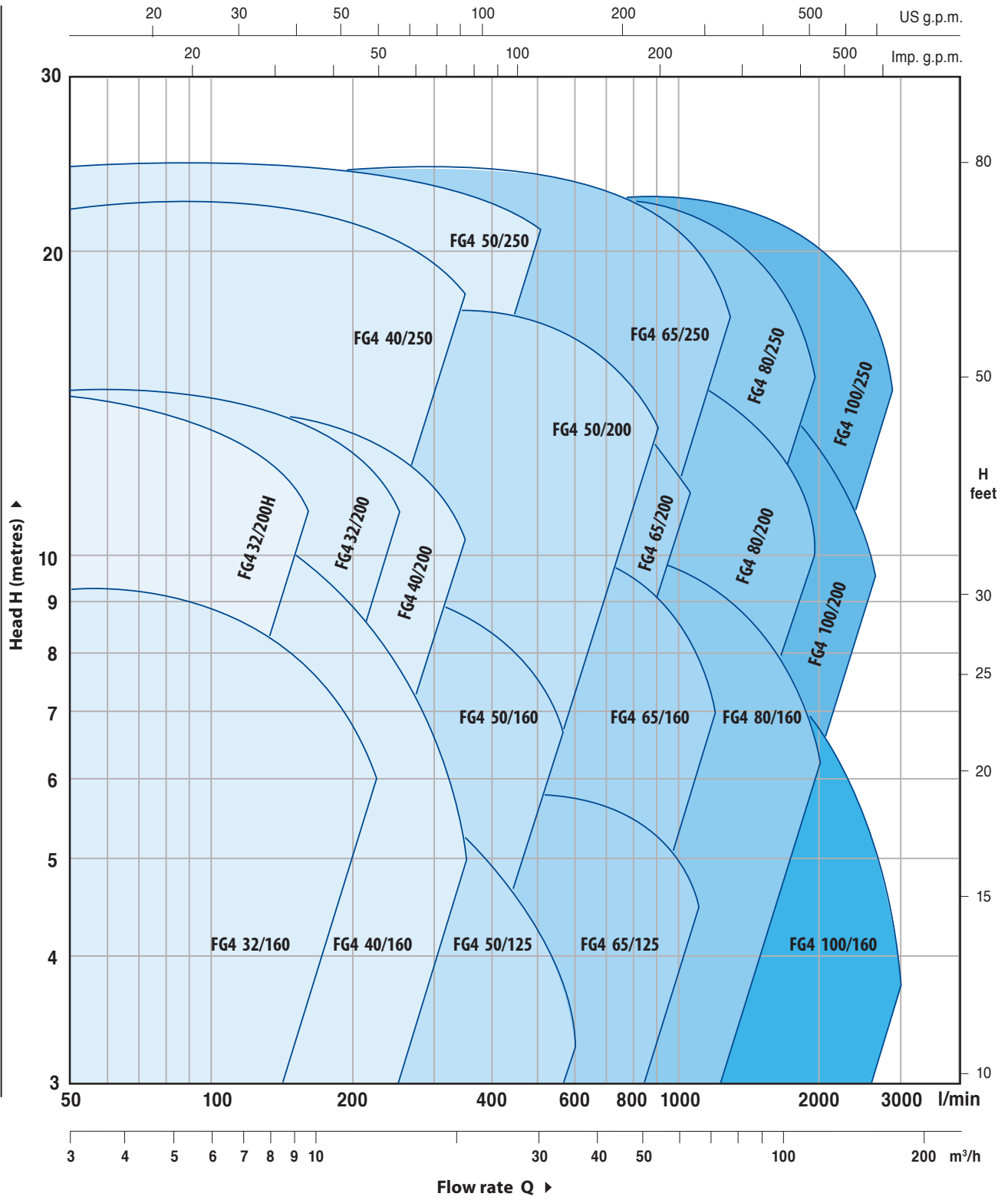


**PERFORMANCE DATA**
**n= 2900 1/min HS= 0 m**

MODEL pump	MOTOR PAIRING		PERFORMANCE	
	kW	HP	Q l/min	H metres
<b>FG2 32/160C</b>	1.5	2	100 ÷ 350	24 ÷ 14
<b>FG2 32/160B</b>	2.2	3	100 ÷ 400	30 ÷ 17
<b>FG2 32/160A</b>	3	4	100 ÷ 450	37 ÷ 24
<b>FG2 32/200C</b>	4	5.5	100 ÷ 450	44 ÷ 31.5
<b>FG2 32/200B</b>	5.5	7.5	100 ÷ 500	51 ÷ 36
<b>FG2 32/200A</b>	7.5	10	100 ÷ 500	57 ÷ 44
<b>FG2 32/200BH</b>	3	4	100 ÷ 300	45 ÷ 37
<b>FG2 32/200AH</b>	4	5.5	100 ÷ 320	55 ÷ 44
<b>FG2 40/160C</b>	2.2	3	100 ÷ 600	27 ÷ 14
<b>FG2 40/160B</b>	3	4	100 ÷ 600	32 ÷ 20
<b>FG2 40/160A</b>	4	5.5	100 ÷ 700	38 ÷ 20
<b>FG2 40/200B</b>	5.5	7.5	100 ÷ 700	47 ÷ 28
<b>FG2 40/200A</b>	7.5	10	100 ÷ 700	55 ÷ 41
<b>FG2 40/250C</b>	9.2	12.5	100 ÷ 700	64 ÷ 47
<b>FG2 40/250B</b>	11	15	100 ÷ 700	71 ÷ 55
<b>FG2 40/250A</b>	15	20	100 ÷ 700	88 ÷ 72
<b>FG2 50/125C</b>	2.2	3	300 ÷ 1200	17.5 ÷ 6
<b>FG2 50/125B</b>	3	4	300 ÷ 1200	20.7 ÷ 9
<b>FG2 50/125A</b>	4	5.5	300 ÷ 1200	23.5 ÷ 13
<b>FG2 50/160C</b>	4	5.5	300 ÷ 1000	27 ÷ 16
<b>FG2 50/160B</b>	5.5	7.5	300 ÷ 1100	32 ÷ 21
<b>FG2 50/160A</b>	7.5	10	300 ÷ 1100	37 ÷ 27
<b>FG2 50/200C</b>	11	15	400 ÷ 1700	44 ÷ 30
<b>FG2 50/200B</b>	15	20	400 ÷ 1700	52 ÷ 38
<b>FG2 50/200A</b>	18.5	25	400 ÷ 1800	61 ÷ 45
<b>FG2 50/200AR</b>	22	30	400 ÷ 1800	69 ÷ 53
<b>FG2 50/250D</b>	9.2	12.5	300 ÷ 900	51 ÷ 32
<b>FG2 50/250C</b>	11	15	300 ÷ 900	59 ÷ 42
<b>FG2 50/250B</b>	15	20	300 ÷ 1000	72 ÷ 59
<b>FG2 50/250A</b>	18.5	25	300 ÷ 1000	85 ÷ 73
<b>FG2 50/250AR</b>	22	30	300 ÷ 1000	95 ÷ 83
<b>FG2 65/125C</b>	4	5.5	600 ÷ 1800	16 ÷ 11
<b>FG2 65/125B</b>	5.5	7.5	600 ÷ 2000	18 ÷ 13
<b>FG2 65/125A</b>	7.5	10	600 ÷ 2200	23 ÷ 18
<b>FG2 65/160C</b>	9.2	12.5	600 ÷ 2200	32 ÷ 22
<b>FG2 65/160B</b>	11	15	600 ÷ 2400	36.5 ÷ 23
<b>FG2 65/160A</b>	15	20	600 ÷ 2400	40.5 ÷ 28
<b>FG2 65/200B</b>	15	20	400 ÷ 2000	45 ÷ 35.5
<b>FG2 65/200A</b>	18.5	25	400 ÷ 2100	51 ÷ 40
<b>FG2 65/200AR</b>	22	30	400 ÷ 2100	57 ÷ 46
<b>FG2 65/250C</b>	30	40	400 ÷ 2350	76 ÷ 53
<b>FG2 65/250B</b>	37	50	400 ÷ 2500	87 ÷ 62
<b>FG2 65/250A</b>	45	60	400 ÷ 2600	94.5 ÷ 68

MODEL pump	MOTOR PAIRING		PERFORMANCE	
	kW	HP	Q l/min	H metres
<b>FG2 80/160D</b>	11	15	500 ÷ 4000	25 ÷ 10
<b>FG2 80/160C</b>	15	20	500 ÷ 4000	30 ÷ 15
<b>FG2 80/160B</b>	18.5	25	500 ÷ 4000	35 ÷ 20
<b>FG2 80/160A</b>	22	30	500 ÷ 4000	40 ÷ 25
<b>FG2 80/200B</b>	30	40	500 ÷ 3650	56 ÷ 34.5
<b>FG2 80/200A</b>	37	50	500 ÷ 3900	62 ÷ 40
<b>FG2 80/250B</b>	45	60	600 ÷ 3600	77 ÷ 54
<b>FG2 80/250A</b>	55	75	600 ÷ 3900	88.5 ÷ 60
<b>FG2 100/160C</b>	15	20	1000 ÷ 5000	28 ÷ 12
<b>FG2 100/160B</b>	18.5	25	1000 ÷ 5500	32 ÷ 13
<b>FG2 100/160A</b>	22	30	1000 ÷ 6000	35 ÷ 15
<b>FG2 100/200C</b>	30	40	800 ÷ 4650	51 ÷ 28
<b>FG2 100/200B</b>	37	50	800 ÷ 4900	57 ÷ 33
<b>FG2 100/200A</b>	45	60	800 ÷ 5250	63 ÷ 38
<b>FG2 100/250B</b>	55	75	800 ÷ 5150	73 ÷ 48
<b>FG2 100/250A</b>	75	100	800 ÷ 5750	88 ÷ 58

## PERFORMANCE RANGE



**PERFORMANCE DATA**
**n= 1450 1/min HS= 0 m**

MODEL pump	MOTOR PAIRING		PERFORMANCE	
	kW	HP	Q l/min	H metres
<b>FG4 32/160C</b>	0.25	0.33	50 ÷ 175	6 ÷ 3.5
<b>FG4 32/160B</b>	0.37	0.5	50 ÷ 200	7.5 ÷ 4
<b>FG4 32/160A</b>	0.37	0.5	50 ÷ 225	9 ÷ 6
<b>FG4 32/200C</b>	0.55	0.75	50 ÷ 225	11 ÷ 8
<b>FG4 32/200B</b>	0.75	1	50 ÷ 250	12.5 ÷ 9
<b>FG4 32/200A</b>	1.1	1.5	50 ÷ 250	14 ÷ 11
<b>FG4 32/200BH</b>	0.55	0.75	50 ÷ 150	11 ÷ 9
<b>FG4 32/200AH</b>	0.55	0.75	50 ÷ 160	13.5 ÷ 11
<b>FG4 40/160C</b>	0.37	0.5	50 ÷ 300	6.5 ÷ 3.5
<b>FG4 40/160B</b>	0.37	0.5	50 ÷ 300	8 ÷ 5
<b>FG4 40/160A</b>	0.55	0.75	50 ÷ 350	9.5 ÷ 5
<b>FG4 40/200B</b>	0.75	1	50 ÷ 350	11.5 ÷ 7
<b>FG4 40/200A</b>	1.1	1.5	50 ÷ 350	13.5 ÷ 10
<b>FG4 40/250C</b>	1.1	1.5	50 ÷ 350	16 ÷ 11.5
<b>FG4 40/250B</b>	1.5	2	50 ÷ 350	17.5 ÷ 13.5
<b>FG4 40/250A</b>	2.2	3	50 ÷ 350	22 ÷ 18
<b>FG4 50/125C</b>	0.37	0.5	150 ÷ 600	4 ÷ 1.5
<b>FG4 50/125B</b>	0.55	0.75	150 ÷ 600	5 ÷ 2
<b>FG4 50/125A</b>	0.55	0.75	150 ÷ 600	6 ÷ 3
<b>FG4 50/160C</b>	0.55	0.75	150 ÷ 500	7 ÷ 4
<b>FG4 50/160B</b>	0.75	1	150 ÷ 550	8 ÷ 5
<b>FG4 50/160A</b>	1.1	1.5	150 ÷ 550	9 ÷ 7
<b>FG4 50/200C</b>	1.5	2	200 ÷ 850	11 ÷ 7.5
<b>FG4 50/200B</b>	2.2	3	200 ÷ 850	13 ÷ 9.5
<b>FG4 50/200A</b>	2.2	3	200 ÷ 900	15 ÷ 11
<b>FG4 50/200AR</b>	3	4	200 ÷ 900	17 ÷ 13
<b>FG4 50/250D</b>	1.1	1.5	150 ÷ 450	12.5 ÷ 8
<b>FG4 50/250C</b>	1.5	2	150 ÷ 450	14.5 ÷ 10.5
<b>FG4 50/250B</b>	2.2	3	150 ÷ 500	18 ÷ 14.5
<b>FG4 50/250A</b>	2.2	3	150 ÷ 500	21 ÷ 18
<b>FG4 50/250AR</b>	3	4	150 ÷ 500	24 ÷ 21
<b>FG4 65/125C</b>	0.55	0.75	300 ÷ 900	4 ÷ 2.5
<b>FG4 65/125B</b>	0.75	1	300 ÷ 1000	4.5 ÷ 3
<b>FG4 65/125A</b>	1.1	1.5	300 ÷ 1100	5.5 ÷ 4.5
<b>FG4 65/160C</b>	1.1	1.5	300 ÷ 1100	8 ÷ 5.5
<b>FG4 65/160B</b>	1.5	2	300 ÷ 1200	9 ÷ 5.5
<b>FG4 65/160A</b>	2.2	3	300 ÷ 1200	10 ÷ 7
<b>FG4 65/200B</b>	2.2	3	200 ÷ 1000	11 ÷ 9
<b>FG4 65/200A</b>	2.2	3	200 ÷ 1050	12.5 ÷ 10
<b>FG4 65/200AR</b>	3	4	200 ÷ 1050	14.3 ÷ 11.5
<b>FG4 65/250C</b>	3	4	200 ÷ 1175	19 ÷ 13
<b>FG4 65/250B</b>	4	5.5	200 ÷ 1250	21.5 ÷ 15.5
<b>FG4 65/250A</b>	5.5	7.5	200 ÷ 1300	23.5 ÷ 17

MODEL pump	MOTOR PAIRING		PERFORMANCE	
	kW	HP	Q l/min	H metres
<b>FG4 80/160D</b>	1.5	2	250 ÷ 2000	6 ÷ 2.5
<b>FG4 80/160C</b>	2.2	3	250 ÷ 2000	7.5 ÷ 3.5
<b>FG4 80/160B</b>	2.2	3	250 ÷ 2000	8.5 ÷ 5
<b>FG4 80/160A</b>	3	4	250 ÷ 2000	10 ÷ 6
<b>FG4 80/200B</b>	4	5.5	250 ÷ 1825	14 ÷ 8.5
<b>FG4 80/200A</b>	5.5	7.5	250 ÷ 1950	15.5 ÷ 10
<b>FG4 80/250B</b>	5.5	7.5	300 ÷ 1800	19 ÷ 13.5
<b>FG4 80/250A</b>	7.5	10	300 ÷ 1950	22 ÷ 15
<b>FG4 100/160C</b>	2.2	3	500 ÷ 2500	7 ÷ 3
<b>FG4 100/160B</b>	3	4	500 ÷ 2750	8 ÷ 3
<b>FG4 100/160A</b>	3	4	500 ÷ 3000	8.5 ÷ 3.5
<b>FG4 100/200C</b>	4	5.5	400 ÷ 2325	12.5 ÷ 7
<b>FG4 100/200B</b>	5.5	7.5	400 ÷ 2450	14 ÷ 8
<b>FG4 100/200A</b>	5.5	7.5	400 ÷ 2625	15.5 ÷ 9.5
<b>FG4 100/250B</b>	7.5	10	400 ÷ 2575	18.5 ÷ 12
<b>FG4 100/250A</b>	9.2	12.5	400 ÷ 2875	22 ÷ 14.5