

-  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

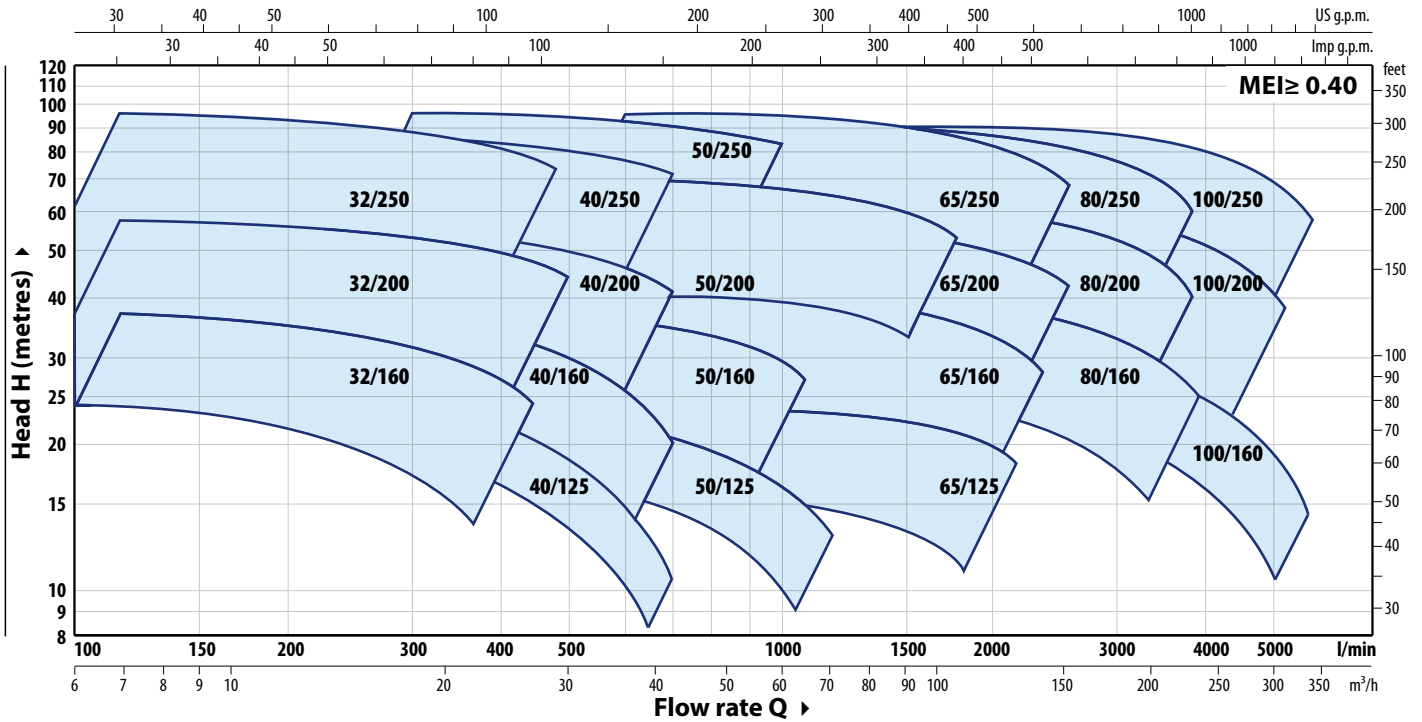
- Manometric suction head up to **7 m**
- Liquid temperature between **-10 °C** and **+90 °C**
- Maximum pressure in the pump body **10 bar** (PN10)

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							
			Q		H		Q		H	
	kW	HP	m³/h	m	m³/h	m	m³/h	m	m³/h	m
FG2-32/160C	1.5	2	6	24	16	19.8	21	14		
FG2-32/160B	2.2	3	6	30	18	23.6	24	17		
FG2-32/160A	3	4	6	37	20.4	30.2	27	24		
FG2-32/200C	4	5.5	6	44	27	31.5	27	31.5		
FG2-32/200B	5.5	7.5	6	51	28	37.7	30	36		
FG2-32/200A	7.5	10	6	57	29	45.3	30	44		
FG2-32/200BH	3	4	6	45	17	38.4	18	37		
FG2-32/200AH	4	5.5	6	55	18	46.1	19.2	44		
FG2-32/250C	9.2	12.5	6	75	28	58.6	27	60		
FG2-32/250B	11	15	6	87	32	67.6	30	70		
FG2-32/250A	15	20	6	97	35	73.6	30	80		
FG2-40/125C	1.1	1.5	6	16	23	12.0	33	6		
FG2-40/125B	1.5	2	6	20.5	26	15.1	36	9		
FG2-40/125A	2.2	3	6	26	29	19.3	42	10		
FG2-40/160C	2.2	3	6	27	25	22.0	36	14		
FG2-40/160B	3	4	6	32	27	25.9	36	20		
FG2-40/160A	4	5.5	6	38	30	30.2	42	20		
FG2-40/200B	5.5	7.5	6	47	33	36.3	42	28		
FG2-40/200A	7.5	10	6	55	36	46.2	42	41		
FG2-40/250C	9.2	12.5	6	64	39	49.9	42	47		
FG2-40/250B	11	15	6	71	40	56.8	42	55		
FG2-40/250A	15	20	6	88	42	72.0	42	72		
FG2-50/125C	2.2	3	18	17.5	49	13.0	72	6		
FG2-50/125B	3	4	18	20.7	51	15.6	72	9		
FG2-50/125A	4	5.5	18	23.5	55	18.4	72	13		
FG2-50/160C	4	5.5	18	27	48	20.7	60	16		
FG2-50/160B	5.5	7.5	18	32	52	26.3	72	18		
FG2-50/160A	7.5	10	18	37	54	32.1	81	20		
FG2-50/200C	11	15	24	44	82	37.0	102	30		
FG2-50/200B	15	20	24	52	86	43.7	102	38		
FG2-50/200A	18.5	25	24	61	91	52.0	108	45		
FG2-50/200AR	22	30	24	69	96	58.2	108	53		
FG2-50/250D	9.2	12.5	18	51	53	37.6	54	37		
FG2-50/250C	11	15	18	59	60	43.0	60	43		
FG2-50/250B	15	20	18	72	60	59.0	60	59		
FG2-50/250A	18.5	25	18	85	60	73.0	60	73		
FG2-50/250AR	22	30	18	95	60	83.0	60	83		

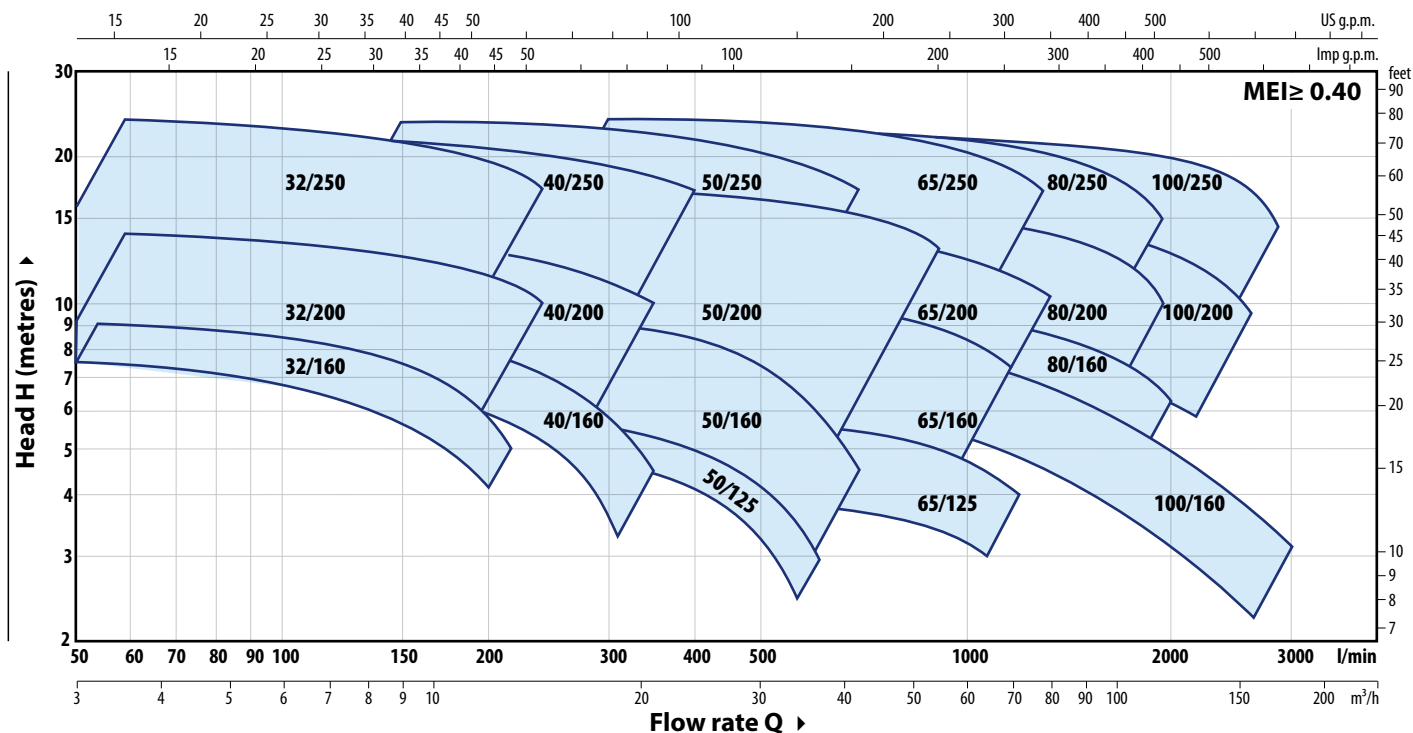
TYPE	MOTOR TO BE COUPLED		PERFORMANCE n= 2900 min ⁻¹							
			Q		H		Q		H	
	kW	HP	m³/h	m	m³/h	m	m³/h	m	m³/h	m
FG2-65/125C	4	5.5	36	16	96	12.6	108	11		
FG2-65/125B	5.5	7.5	36	18	101	15.4	120	13		
FG2-65/125A	7.5	10	36	23	108	20.9	132	18		
FG2-65/160C	9.2	12.5	36	32	108	27.0	132	22		
FG2-65/160B	11	15	36	36.5	113	30.3	144	23		
FG2-65/160A	15	20	36	40.5	114	35.0	144	28		
FG2-65/200B	15	20	12	44	129	34.4	144	30.5		
FG2-65/200A	18.5	25	12	50	143	38.4	150	36.5		
FG2-65/200AR	22	30	12	57	136	47.0	156	42		
FG2-65/250C	30	40	24	76	111	64.7	141	53		
FG2-65/250B	37	50	24	87	120	74.3	150	62		
FG2-65/250A	45	60	24	95	126	80.7	156	68		
FG2-80/160D	11	15	30	25	171	19.1	240	10		
FG2-80/160C	15	20	30	30	178	23.4	240	15		
FG2-80/160B	18.5	25	30	35	185	27.7	240	20		
FG2-80/160A	22	30	30	40	190	32.1	240	25		
FG2-80/200B	30	40	30	56	166	46.5	219	34.5		
FG2-80/200A	37	50	30	62	180	53.0	234	40		
FG2-80/250B	45	60	36	77	170	65.9	216	54		
FG2-80/250A	55	75	36	88.5	180	77.3	234	60		
FG2-100/160C	15	20	60	30	220	20.3	300	12		
FG2-100/160B	18.5	25	60	34	234	23.1	312	14.5		
FG2-100/160A	22	30	60	38	250	26.4	330	17.5		
FG2-100/200C	30	40	48	51	216	39.6	279	28		
FG2-100/200B	37	50	48	57	228	44.5	294	33		
FG2-100/200A	45	60	48	63	245	50.6	315	38		
FG2-100/250B	55	75	48	75	250	62.0	309	48		
FG2-100/250A	75	100	48	89	270	76.0	345	58		

Q = Flow Rate

H = Total manometric head

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

PERFORMANCE RANGE – n= 1450 min⁻¹



PERFORMANCE DATA – n= 1450 min⁻¹

TYPE	MOTOR TO BE COUPLED		PERFORMANCE n= 1450 min ⁻¹					
			Q	H	Q	H	Q	H
	kW	HP	m³/h	m	m³/h	m	m³/h	m
FG4-32/160C	0.25	0.33	3	6	8	4.8	10.5	3.5
FG4-32/160B	0.37	0.5	3	7.5	9.9	5.6	12	4.5
FG4-32/160A	0.37	0.5	3	9	10.5	6.8	13.5	5
FG4-32/200C	0.55	0.75	3	11	12	8.5	13.5	8
FG4-32/200B	0.75	1	3	12.5	13.8	9.5	15	9
FG4-32/200A	1.1	1.5	3	14	14.4	10.8	15	10.5
FG4-32/200BH	0.75	1	3	11.3	8.4	9.6	9	9.2
FG4-32/200AH	0.75	1	3	13.8	9	11.5	9.6	11
FG4-32/250C	1.1	1.5	3	18.4	13.5	14.8	13.2	15
FG4-32/250B	1.5	2	3	21.7	15	17.4	15	17.4
FG4-32/250A	2.2	3	3	23.8	16.2	18.7	16.2	18.7
FG4-40/160C	0.37	0.5	3	6.5	12	5.5	18	3.5
FG4-40/160B	0.37	0.5	3	7.5	13.2	6.0	19.2	3.5
FG4-40/160A	0.55	0.75	3	9	14.7	7.1	21	4.5
FG4-40/200B	0.75	1	3	11.5	16.8	8.9	21	7
FG4-40/200A	1.1	1.5	3	13.8	18.6	10.9	21	10
FG4-40/250C	1.1	1.5	3	15.5	19.2	12.4	24	10
FG4-40/250B	1.5	2	3	17.5	19.8	14.2	24	12
FG4-40/250A	2.2	3	3	22	22.8	17.5	24	17
FG4-50/125C	0.37	0.5	9	4	24.5	3.3	36	1.5
FG4-50/125B	0.55	0.75	9	5	25.2	4.0	36	2
FG4-50/125A	0.55	0.75	9	6	27	4.8	36	3
FG4-50/160C	0.55	0.75	9	7	25	5	30	4
FG4-50/160B	0.75	1	9	8	26.4	6.5	39	3.8
FG4-50/160A	1.1	1.5	9	9.3	27.6	7.8	42	4.5
FG4-50/200C	1.5	2	12	11	39.6	9.3	51	7.5
FG4-50/200B	2.2	3	12	13	43.2	10.9	51	9.5
FG4-50/200A	2.2	3	12	15	46.2	12.8	54	11.2
FG4-50/200AR	3	4	12	17	48	14.5	54	13.2
FG4-50/250D	1.1	1.5	9	12.5	25.5	10.1	39	5
FG4-50/250C	1.5	2	9	14	27	11.2	42	5
FG4-50/250B	2.2	3	9	18	30.6	14.6	42	10.5
FG4-50/250A	2.2	3	9	20	33	16.3	42	13
FG4-50/250AR	3	4	9	23.5	34.2	19.9	42	17

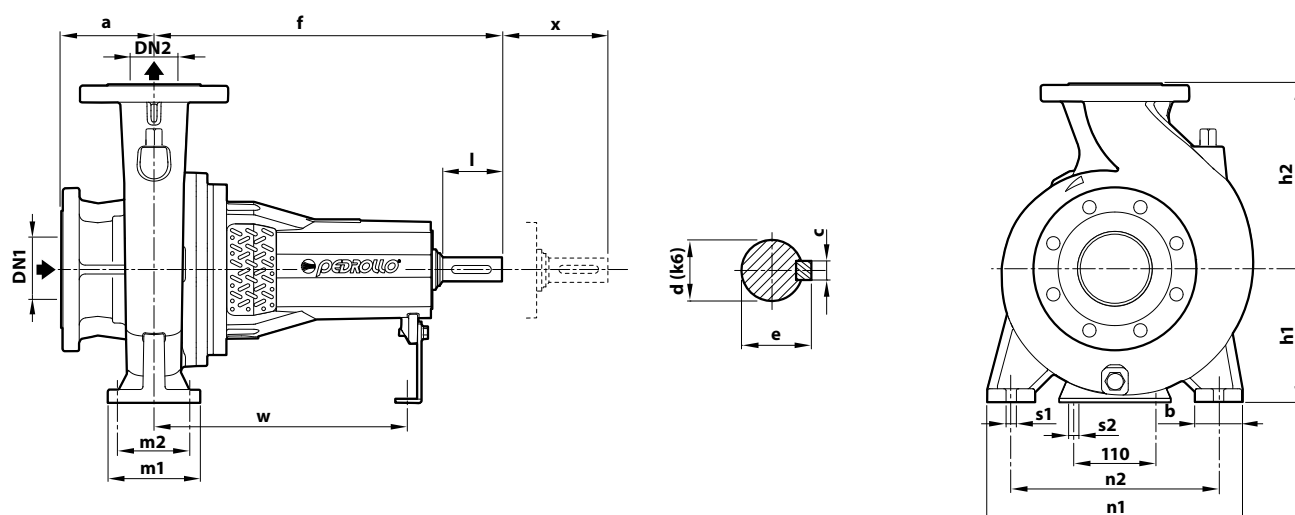
TYPE	MOTOR TO BE COUPLED		PERFORMANCE n= 1450 min ⁻¹					
			Q	H	Q	H	Q	H
	kW	HP	m³/h	m	m³/h	m	m³/h	m
FG4-65/125C	0.55	0.75	18	4	48	3.2	5.4	2.5
FG4-65/125B	0.75	1	18	4.7	54	3.8	66	3
FG4-65/125A	1.1	1.5	18	5.7	60	4.7	72	4
FG4-65/160C	1.1	1.5	18	8	54.6	6.7	66	5.5
FG4-65/160B	1.5	2	18	9.1	57	7.6	72	5.7
FG4-65/160A	2.2	3	18	10.1	59.4	8.5	72	7
FG4-65/200B	2.2	3	6	10.7	64.5	8.5	72	7.3
FG4-65/200A	2.2	3	18	12	66	9.6	75	8.5
FG4-65/200AR	3	4	18	14	68.4	11.2	78	10
FG4-65/250C	3	4	12	19	55.5	16.2	70.5	13
FG4-65/250B	4	5.5	12	21.8	58.8	18.8	75	15.5
FG4-65/250A	5.5	7.5	12	23.5	60	20.6	78	17
FG4-80/160D	1.5	2	18	6.3	84	4.8	120	2.5
FG4-80/160C	2.2	3	18	7.5	88.8	5.7	120	3.8
FG4-80/160B	2.2	3	18	8.8	94.8	6.8	120	5
FG4-80/160A	3	4	18	10	99.6	7.7	120	6.2
FG4-80/200B	4	5.5	18	14	92.4	10.9	108	9
FG4-80/200A	5.5	7.5	18	15.5	97.5	12.6	114	10.5
FG4-80/250B	5.5	7.5	18	19.5	90	16.1	108	13.5
FG4-80/250A	7.5	10	18	22	84	19.9	117	15
FG4-100/160C	2.2	3	24	7.5	110	5	144	3
FG4-100/160B	2.2	3	24	8.3	117	5.7	156	3.5
FG4-100/160A	3	4	24	10	124	6.9	168	4.7
FG4-100/200C	4	5.5	24	12.7	111	9.6	138	7
FG4-100/200B	5.5	7.5	24	14.2	117	10.9	144	8.5
FG4-100/200A	5.5	7.5	24	15.8	123	12.6	156	9.5
FG4-100/250B	7.5	10	24	18.5	117	15.9	156	11.5
FG4-100/250A	9.2	12.5	24	22	126	19.3	174	13.5

Q = Flow Rate

H = Total manometric head

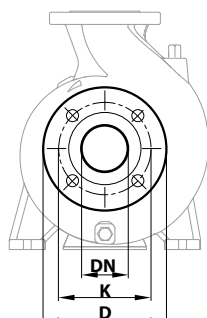
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

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													240	190	36.9
FG 32/250			100		180	225	65	125	95	320	250									53.0		
FG 40/125	65	40	80		112	140	50	100	70	210	160									30.4		
FG 40/160					132	160				240	190									34.1		
FG 40/200					160	180				55	265									212	40.2	
FG 40/250			100		180	225	65	125	95	320	250									59.2		
FG 50/125	132	160			50	100	70	240	190	33.0												
FG 50/160	160	180			55			265	212	38.3												
FG 50/200	160	200			50			265	212	50.3												
FG 50/250	65	50			180	225	65	125	95	320	250									57.0		
FG 65/125				160	180	65	280			212	45.2											
FG 65/160				160	200	65	320			250	48.0											
FG 65/200				80	65	180	225	65	160	120	360	280	55.1									
FG 65/250	470	200				250	80	340			80	32	10	35	82.4							
FG 80/160	100	80				360	180	225			65	125	95	320	250	14	260	50	24	8	27	53.0
FG 80/200						470	180	250	65	160	120	345	280	18	340	140	80	32	10	35	72.0	
FG 80/250				200	280		80	400	315			91.1										
FG 100/160			125	100	360	200	280	80	160	120	360	280	18	340	140	260	50	24	8	27	76.3	
FG 100/200	470	200				280	80	400			315	82.1										
FG 100/250		140			225	280	80	400			315	96.0										

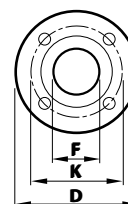
PORT FLANGES



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	8	18
100	220	180		
125	250	210		

COUNTER-FLANGE

(CAN BE ORDERED SEPARATELY)



DN FLANGE	F	D	K	HOLES	
				N°	Ø (mm)
32	1 1/4"	140	100	4	18
40	1 1/2"	150	110		
50	2"	165	125		
65	2 1/2"	185	145		
80	3"	200	160	8	18
100	4"	220	180		
125	5"	250	210		