

50 Hz



FC-FCT Series

IN-LINE ELECTRIC PUMPS SINGLE AND TWIN EQUIPPED WITH
IE2/IE3 MOTORS COMPLYING WITH REGULATION (EC) no. 640/2009

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 **LOWARA**
a xylem brand

In-Line Electric Pumps

FC Series

MARKET SECTORS

CIVIL, INDUSTRIAL.

APPLICATIONS

- Water circulation in heating and air conditioning systems.
- Handling of water and clean, chemically non-aggressive liquids.
- Water supply.
- Irrigation.



SPECIFICATIONS

PUMP

- **Delivery** up to 190 m³/h, 2-pole.
330 m³/h, 4-pole.
- **Head** up to 89 m, 2-pole.
35 m, 4-pole.
- **Temperature** of pumped liquid:
-10°C to +130°C for "E" version,
-20°C to +140°C for "S" version
(depending on working pressure).
- **Maximum working pressure:**
10 bar (PN 10) for the "E" version,
16 bar (PN 16) for the "S" version
up to 120°C, 13 bar from 120°C to
140°C.
- **Impeller** made of AISI 316L
stainless steel, **laser technology**
welded, up to size 80-160.
Cast iron impeller for bigger sizes.
Bronze impeller available on request
for FCT 80-200 and bigger, in both
the "E" and "S" versions.
- **Wear rings** made of AISI 316L
stainless steel, up to FC 100, on the
impeller's front and rear wear plates,
to ensure high performance and easy
replacement.
- **Mechanical seal** according to
EN12756 (ex DIN 24960), lubricated
by internal recirculation of pumped
liquid to seal housing (up to FC 100).
Mechanical seal locking pin slot on
models up to FC 100 (on request).
- Air valve on models up to FC 100.
- Counterflange kits available on
request.

MOTOR

- Three-phase asynchronous, squirrel cage rotor, enclosed construction, external ventilation.
- IP55 **protection**.
- Class 155 (F) **insulation**.
- Performances according to EN 60034-1.
- Maximum ambient temperature: +40°C.
- Continuous duty.
- Condensate drain plugs on all LOWARA motors.
- **Standard voltage:**
Single-phase version 220-240 V, 50 Hz, with built-in automatic reset overload protection up to 1,5 kW. For higher powers the protection is be provided by the user.
Three-phase version:
220-240/380-415 V 50 Hz for powers up to 3 kW;
380-415/660-690 V, 50 Hz for powers above 3 kW.
Overload protection to be provided by the user.
- **Standard supplied IE2/IE3 motors are compliant with Regulation (EC) no. 640/2009 and IEC 60034-30.**

CONSTRUCTION FEATURES

Single-impeller centrifugal pump with in-line suction and delivery flanges.

Flanges in compliance with EN 1092-2 (ex UNI 2236) and DIN 2532.

“Back pull-out” design (impeller, adapter and motor can be extracted without disconnecting the pump body from the pipes).

FCE SERIES CHARACTERISTICS

Pump coupling: close-coupled by means of an adapter, with impeller keyed directly to the motor shaft extension.

Maximum operating pressure: 10 bar (PN 10).

Temperature of pumped liquid: -10°C to 130°C.

FCS SERIES CHARACTERISTICS

Pump coupling: by adapter, with bracket and rigid coupling keyed to the shaft extension of standard motors.

Maximum operating pressure: 16 bar (PN 16) up to 120°C, 13 bar from 120°C to 140°C.

Temperature of pumped liquid: -20°C to 140°C.

FC..H SERIES CHARACTERISTICS

Variable speed control, using the HIDROVAR® and HIDROVAR® Sensorless (on request), control system, is recommended for managing pump operation according to system conditions. This ensures energy savings, lower operating costs, greater comfort and environmental protection.

This option is available for both the FCE and FCS series, and includes the HIDROVAR® and HIDROVAR® Sensorless (on request) controller and sensors.

ACCESSORIES ON REQUEST

Threaded steel or galvanized iron counterflanges.

Blind flange.

Pump support.

OPTIONAL FEATURES

Different voltages and frequencies.

Different materials for the mechanical seal and pump body seal.

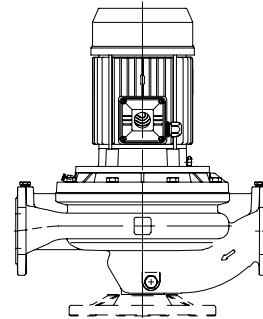
Support available for vertical mounting (where added).

INSTALLATION

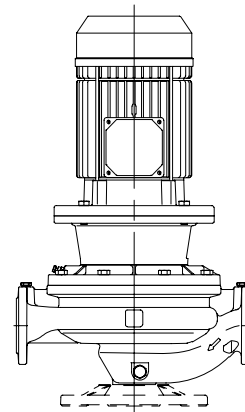
Installed in horizontal or vertical piping, in any position except with motor or terminal box facing downward.

Motor powers 5,5 kW and higher, for installations with motor shaft in the vertical position, the electric pump should be mounted on a base, the pump should rest on its feet or on the support foot (optional accessory). For installations with motor shaft in the horizontal position, use a support foot for the motor.

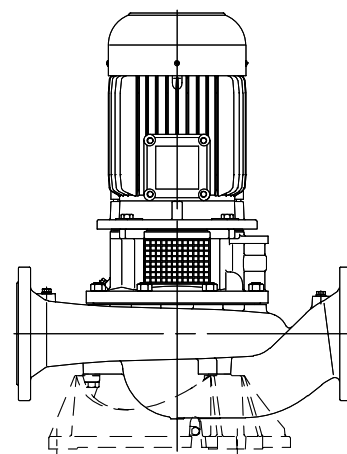
FCE 40-100
FCE4 40-100



FCS 40-100
FCS4 40-100

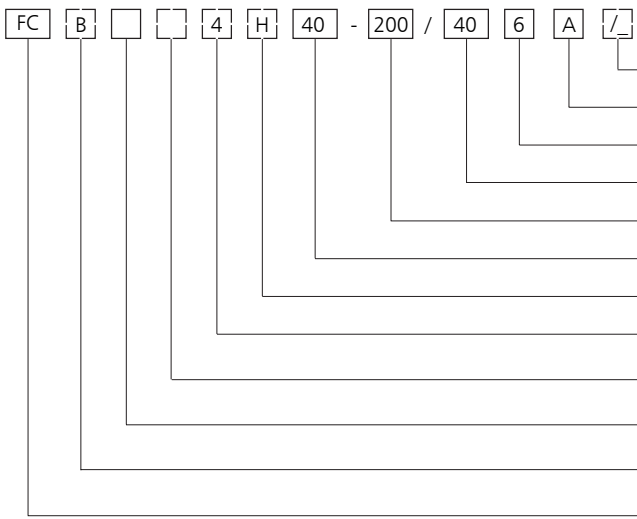


FCS4 125-150



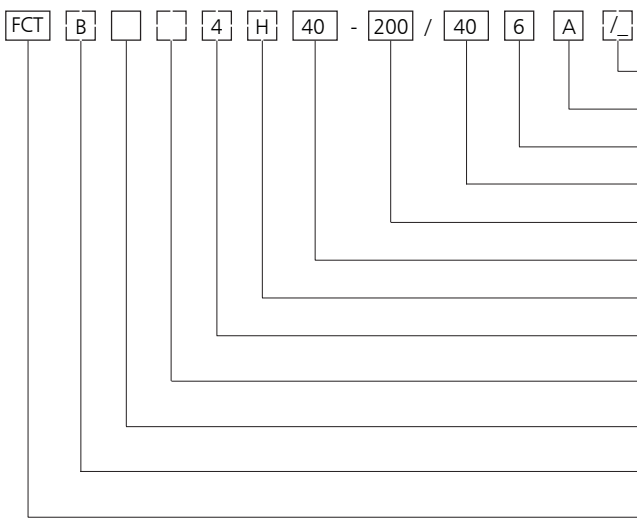
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FC SERIES IDENTIFICATION CODE



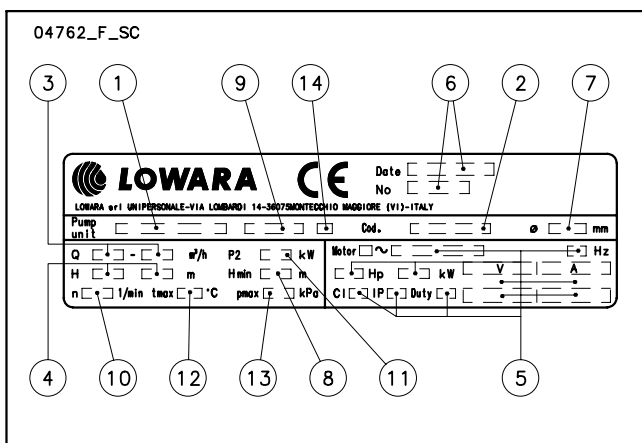
- Null or letter assigned by the manufacturer
- Reduced impeller
- Null = 50 Hz
6 = 60 Hz
- Rated motor power (kW x 10)
- Impeller nominal diameter (mm)
- Delivery port nominal diameter (mm)
- Version with Hydrovar
- Null = 2-pole motor
4 = 4-pole motor
- Null = Three-phase version
M = Single-phase version
- E = Close-coupled version
S = Version with rigid coupling, IEC standard motor
- Null = Version with steel or cast non impeller depending on size
B = Version with bronze impeller
- Series name

FCT SERIES IDENTIFICATION CODE



- Null or letter assigned by the manufacturer
- Reduced impeller
- Null = 50 Hz
6 = 60 Hz
- Rated motor power (kW x 10)
- Impeller nominal diameter (mm)
- Delivery port nominal diameter (mm)
- Version with Hydrovar
- Null = 2-pole motor
4 = 4-pole motor
- Null = Three-phase version
M = Single-phase version
- E = Close-coupled version
S = Version with rigid coupling, IEC standard motor
- Null = Version with steel or cast non impeller depending on size
B = Version with bronze impeller
- Series name

FC - FCT RATING PLATE

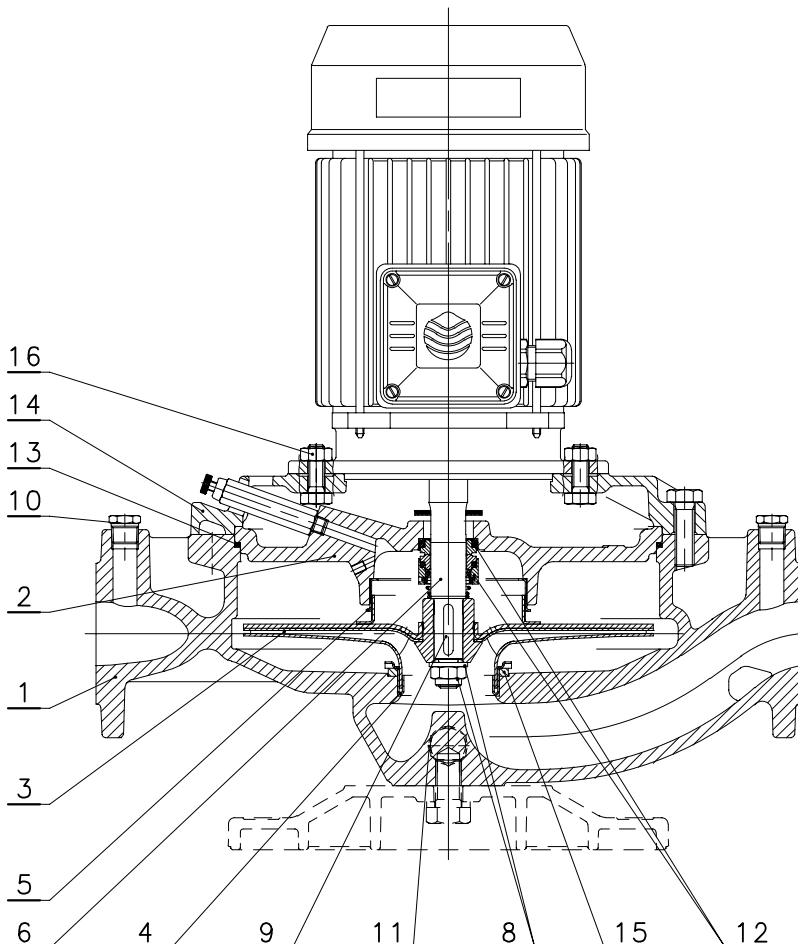


LEGEND

- 1 - Electric pump type
- 2 - Code
- 3 - Delivery range
- 4 - Head range
- 5 - Motor characteristics
- 6 - Date of manufacture and serial number
- 7 - Impeller diameter
- 8 - Minimum head
- 9 - Mechanical seal type
- 10 - Speed
- 11 - Rated output
- 12 - Maximum operating temperature
- 13 - Maximum operating pressure
- 14 - Type of gaskets

FCE-FCE4 SERIES LIST OF MODELS AND TABLE OF MATERIALS

04806_C_DS



VERSIONS	
2 POLES	4 POLES
FCE 40-125/07	FCE4 40-200/05
FCE 40-125/11	FCE4 40-200/07
FCE 40-160/15	FCE4 40-250/11
FCE 40-160/22	FCE4 40-250/15
FCE 40-200/40A	FCE4 50-160/05
FCE 40-200/40	FCE4 50-200/07
FCE 40-200/55	FCE4 50-200/11
FCE 40-250/75	FCE4 50-250/15
FCE 40-250/110	FCE4 50-250/22
FCE 50-125/11	FCE4 65-125/05
FCE 50-125/15	FCE4 65-160/07
FCE 50-160/22	FCE4 65-160/11
FCE 50-160/30	FCE4 65-200/15
FCE 50-160/40	FCE4 65-250/22
FCE 50-200/55	FCE4 65-250/30
FCE 50-200/75	FCE4 80-125/07
FCE 50-250/92	FCE4 80-125/11
FCE 50-250/110	FCE4 80-200/15
FCE 50-250/150	FCE4 80-200/22
FCE 65-125/22	FCE4 80-200/30
FCE 65-125/30	FCE4 80-250/40
FCE 65-125/40	FCE4 80-250/55
FCE 65-160/55	FCE4 100-160/15
FCE 65-160/75	FCE4 100-200/22
FCE 65-200/92	FCE4 100-200/30
FCE 65-200/110	FCE4 100-250/40
FCE 65-250/150	FCE4 100-250/55
FCE 65-250/185	FCE4 100-250/75
FCE 65-250/220	
FCE 80-125/30	
FCE 80-125/40	
FCE 80-125/55	
FCE 80-160/75	
FCE 80-200/110	
FCE 80-200/150	
FCE 80-200/185	
FCE 80-200/220	
FCE 100-160/110	
FCE 100-200/185	
FCE 100-200/220	

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REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Pump body	Cast iron	EN 1561-GJL-200 (JL1030)	ASTM Class 25
2	Seal housing	Cast iron	EN 1561-GJL-200 (JL1030)	ASTM Class 25
3	Impeller	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
	Impeller	Cast iron	EN 1561-GJL-200 (JL1030)	ASTM Class 25
	Impeller	Bronze	EN 1982-CuSn10-C (CC480K)	UNS C90700
4	Wear ring	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
5	Counterwear ring	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
6	Shaft extension	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
8	Impeller lock nut and washer	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316
9	Key	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
10	Plugs and air valve	Nickel-plated brass	EN 12164-CuZn39Pb3 (CW614N)	-
11	Gaskets for fill/drain plugs	Aluminium	EN 573-AW-AI99,5 (AW1050A)	-
12	Mechanical seal	Carbon/Ceramic/EPDM (standard version)		
13	Elastomers	EPDM (standard version)		
14	Adapter *	Aluminium	EN 1706-AC-AISI11Cu2 (Fe) (AC46100)	-
	Adapter	Cast iron	EN 1561-GJL-200 (JL1030)	ASTM Class 25
15	Spacer ring	Painted steel		
16	Pump body fastening bolts and screws	Galvanized steel		

* For 40/50-125 2/4 pole, 40/50-160 2/4 pole versions

**LIST OF FC SERIES MODELS 50 Hz
FC - FCT (2 POLES)**

SIZE	kW	VERSION		
		FCEM FCTEM	FCE FCTE	FCS FCTS
40-125/07	0,75	•	•	•
40-125/11	1,1	•	•	•
40-160/15	1,5	•	•	•
40-160/22	2,2	•	•	•
40-200/30	3	-	-	•
40-200/40A	4	-	•	-
40-200/40	4	-	•	•
40-200/55	5,5	-	•	•
40-250/75	7,5	-	•	•
40-250/110	11	-	•	•
50-125/11	1,1	•	•	•
50-125/15	1,5	•	•	•
50-160/22	2,2	•	•	•
50-160/30	3	-	•	•
50-160/40	4	-	•	•
50-200/55	5,5	-	•	•
50-200/75	7,5	-	•	•
50-250/92	9,2	-	•	-
50-250/110A	11	-	-	•
50-250/110	11	-	•	•
50-250/150	15	-	•	•
65-125/22	2,2	•	•	•
65-125/30	3	-	•	•
65-125/40	4	-	•	•
65-160/55	5,5	-	•	•
65-160/75	7,5	-	•	•
65-200/92	9,2	-	•	-
65-200/110A	11	-	-	•
65-200/110	11	-	•	•
65-250/150	15	-	•	•
65-250/185	18,5	-	•	•
65-250/220	22	-	•	•
80-125/30	3	-	•	•
80-125/40	4	-	•	•
80-125/55	5,5	-	•	•
80-160/75	7,5	-	•	•
80-200/110	11	-	•	•
80-200/150	15	-	•	•
80-200/185	18,5	-	•	•
80-200/220	22	-	•	•
100-160/110	11	-	•	•
100-200/185	18,5	-	•	•
100-200/220	22	-	•	•

• = Available

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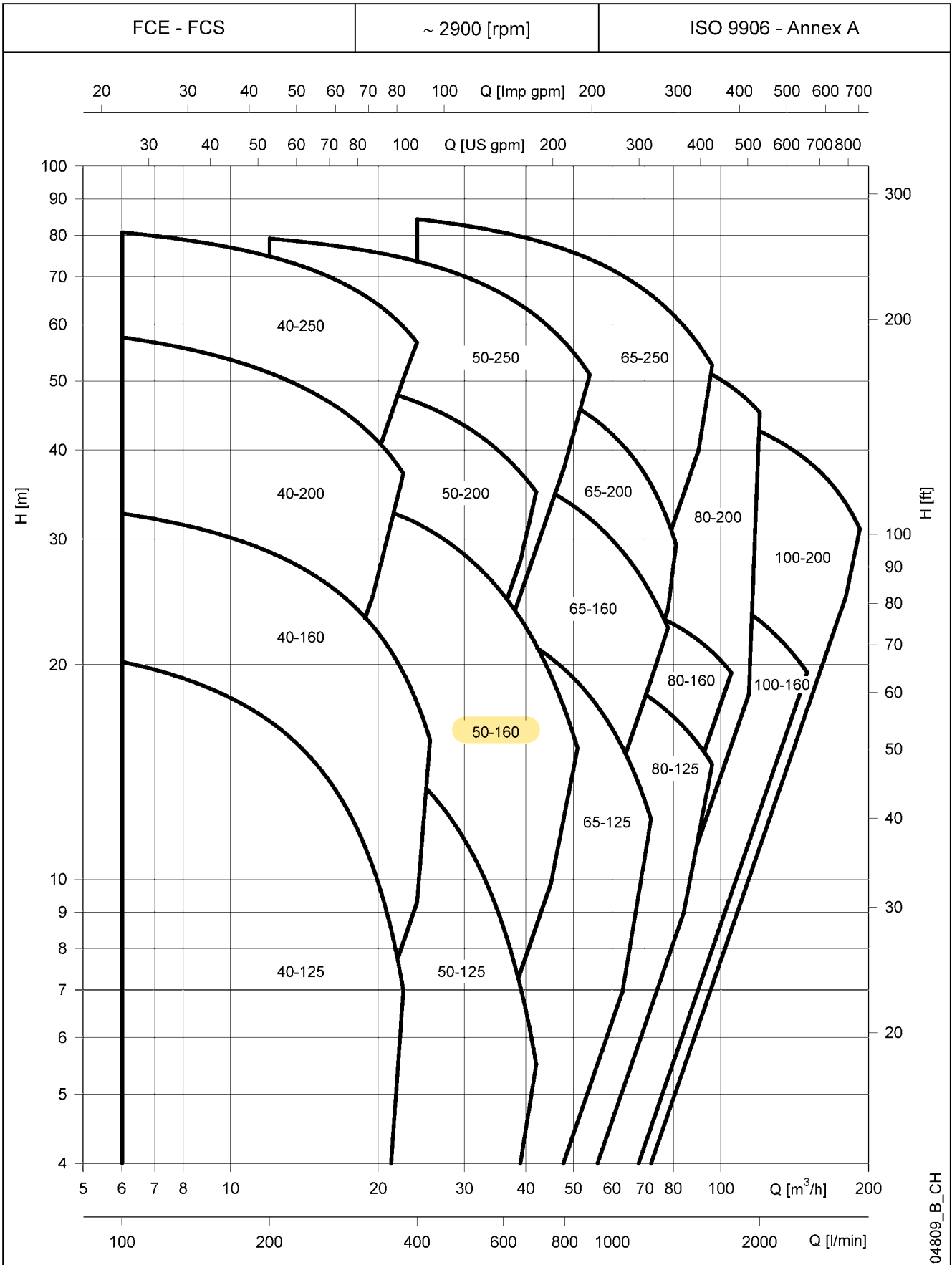
FC.4 - FCT.4 (4 POLES)

SIZE	kW	VERSION		
		FCE4 FCTE4	FCS4	FCTS4
40-125/02A	0,25	•	-	-
40-125/02	0,25	•	-	-
40-160/02	0,25	•	-	-
40-160/03	0,37	•	-	-
40-200/05	0,55	•	•	•
40-200/07	0,75	•	•	•
40-250/11	1,1	•	•	•
40-250/15	1,5	•	•	•
50-125/02	0,25	•	-	-
50-125/03	0,37	•	-	-
50-160/05	0,55	•	-	-
50-200/07	0,75	•	•	•
50-200/11	1,1	•	•	•
50-250/15	1,5	•	•	•
50-250/22	2,2	•	•	•
65-125/03	0,37	•	-	-
65-125/05	0,55	•	-	-
65-160/07	0,75	•	•	•
65-160/11	1,1	•	•	•
65-200/15	1,5	•	•	•
65-250/22	2,2	•	•	•
65-250/30	3	•	•	•
80-125/07	0,75	•	•	•
80-125/11	1,1	•	•	•
80-200/15	1,5	•	•	•
80-200/22	2,2	•	•	•
80-200/30	3	•	•	•
80-250/40	4	•	•	•
80-250/55	5,5	•	•	•
100-160/15	1,5	•	•	•
100-200/22	2,2	•	•	•
100-200/30	3	•	•	•
100-250/40	4	•	•	•
100-250/55	5,5	•	•	•
100-250/75	7,5	•	•	•
125-160/30	3	-	•	•
125-200/40	4	-	•	•
125-200/55	5,5	-	•	•
125-250/75	7,5	-	•	•
125-250/110	11	-	•	•
125-315/150	15	-	•	-
125-315/185	18,5	-	•	-
125-315/220	22	-	•	-
150-200/55	5,5	-	•	•
150-200/75	7,5	-	•	•
150-250/110	11	-	•	•
150-250/150	15	-	•	•
150-250/185	18,5	-	•	•

• = Available

fc_fce4-fcs4_4p50-en_b_tem

**FCE-FCS SERIES
HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES**



These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

FCE-FCS SERIES HYDRAULIC PERFORMANCE TABLE AT 50 Hz, 2 POLES

PUMP TYPE	RATED POWER		Q = DELIVERY																			
	kW	HP	V _{min} 0	100	200	350	375	400	600	700	800	850	1000	1200	1300	1500	1600	1750	1950	2500	3000	
			m ³ /h 0	6	12	21	22,5	24	36	42	48	51	60	72	78	90	96	105	117	150	180	
H = TOTAL HEAD METRES COLUMN OF WATER																						
40-125/07	0,75	1	17,1	15,1	11,8	3,6																
40-125/11	1,1	1,5	22,6	20,2	16,7	8,8	7,0															
40-160/15	1,5	2	27,3	24,7	20,9	13,1	11,3	9,3														
40-160/22	2,2	3	35,3	32,6	28,8	21,1	19,5	17,7														
40-200/*	*	*	42,5	38,9	34,0																	
40-200/40	4	5,5	51,0	46,9	41,7	30,6																
40-200/55	5,5	7,5	62,0	57,6	51,3	39,6	37,1															
40-250/75	7,5	10	75,4	71,1	65,0	52,9	50,3															
40-250/110	11	15	85,2	80,8	74,8	62,3	59,6	56,6														
50-125/11/A	1,1	1,5	15,3		13,5	11,1	10,6	10,1	5,4													
50-125/15/A	1,5	2	19,1		17,5	14,9	14,4	13,8	8,6	5,5												
50-160/22	2,2	3	26,1		23,9	21,1	20,5	20,0	14,7	11,6												
50-160/30	3	4	32,8		30,6	27,2	26,5	25,9	19,9	16,6	13,1											
50-160/40	4	5,5	38,1		36,1	32,9	32,3	31,6	25,1	21,3	17,3	15,3										
50-200/55	5,5	7,5	47,0		43,5	39,6	38,8	38,0	30,3													
50-200/75	7,5	10	56,0		52,0	48,2	47,5	46,7	39,4	34,9												
50-250/**	**	**	63,2		59,4	55,3	54,5	53,8	46,7	42,6	38,0											
50-250/110	11	15	69,4		65,3	61,3	60,6	59,8	53,2	49,4	45,0	42,5										
50-250/150	15	20	83,0		79,2	75,1	74,4	73,6	66,1	61,6	56,6	53,9										
65-125/22	2,2	3	18,8					16,4	14,3	13,0	11,4	10,6	7,9									
65-125/30	3	4	22,9					20,3	18,1	16,7	15,2	14,3	11,6									
65-125/40	4	5,5	26,6					24,4	22,4	21,1	19,7	18,9	16,3	12,1								
65-160/55	5,5	7,5	35,1					32,5	30,1	28,7	27,1	26,3	23,5	19,1								
65-160/75	7,5	10	42,4					40,0	37,4	35,8	34,0	33,1	29,9	25,2	22,5							
65-200/**	**	**	53,0					47,6	44,1	42,2	40,1	39,0	35,2	28,4	24,0							
65-200/110	11	15	61,0					55,2	51,3	49,3	47,1	45,9	42,1	35,8	31,8							
65-250/150	15	20	70,0					66,3	63,0	61,1	58,9	57,8	54,2	48,9	46,1	40,0						
65-250/185	18,5	25	80,0					75,2	71,8	69,9	67,7	66,6	63,0	57,6	54,6	47,9						
65-250/220	22	30	89,0					84,3	80,7	78,7	76,5	75,3	71,6	66,0	63,0	56,3	52,6					
80-125/30	3	4	15,5					14,5	14,1	13,6	13,3	12,3	10,7	9,9								
80-125/40	4	5,5	19,0					18,0	17,6	17,0	16,8	15,8	14,2	13,3	11,5							
80-125/55	5,5	7,5	23,0					21,5	21,0	20,5	20,2	19,3	18,0	17,2	15,5	14,5						
80-160/75	7,5	10	28,0					26,5	26,1	25,6	25,4	24,7	23,6	23,0	21,6	20,8	19,5					
80-200/110	11	15	41,0					37,0	36,2	35,2	34,7	33,2	30,7	29,3	26,2	24,5	21,5					
80-200/150	15	20	49,4					46,3	45,6	44,8	44,3	43,0	41,0	39,9	37,5	36,2	33,9	30,5				
80-200/185	18,5	25	56,9					53,4	52,6	51,7	51,2	49,8	47,9	46,9	44,7	43,5	41,4	38,1				
80-200/220	22	30	65,2					61,3	60,4	59,5	59,0	57,6	55,5	54,5	52,2	51,0	49,1	46,0				
100-160/110	11	15	29,0										28,0	27,3	26,9	25,9	25,4	24,6	23,4	19,5		
100-200/185	18,5	25	45,0											39,5	38,8	37,5	36,8	35,9	34,5	30,4	25,0	
100-200/220	22	30	53,0											48,0	47,3	46,0	45,3	44,3	42,9	38,7	33,6	

* FCE40-200/40A : 4 (kW) - 5.5 (HP)

FCS40-200/30 : 3 (kW) - 4 (HP)

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** FCE50-250/92 : 9.2 (kW) - 12.5 (HP)

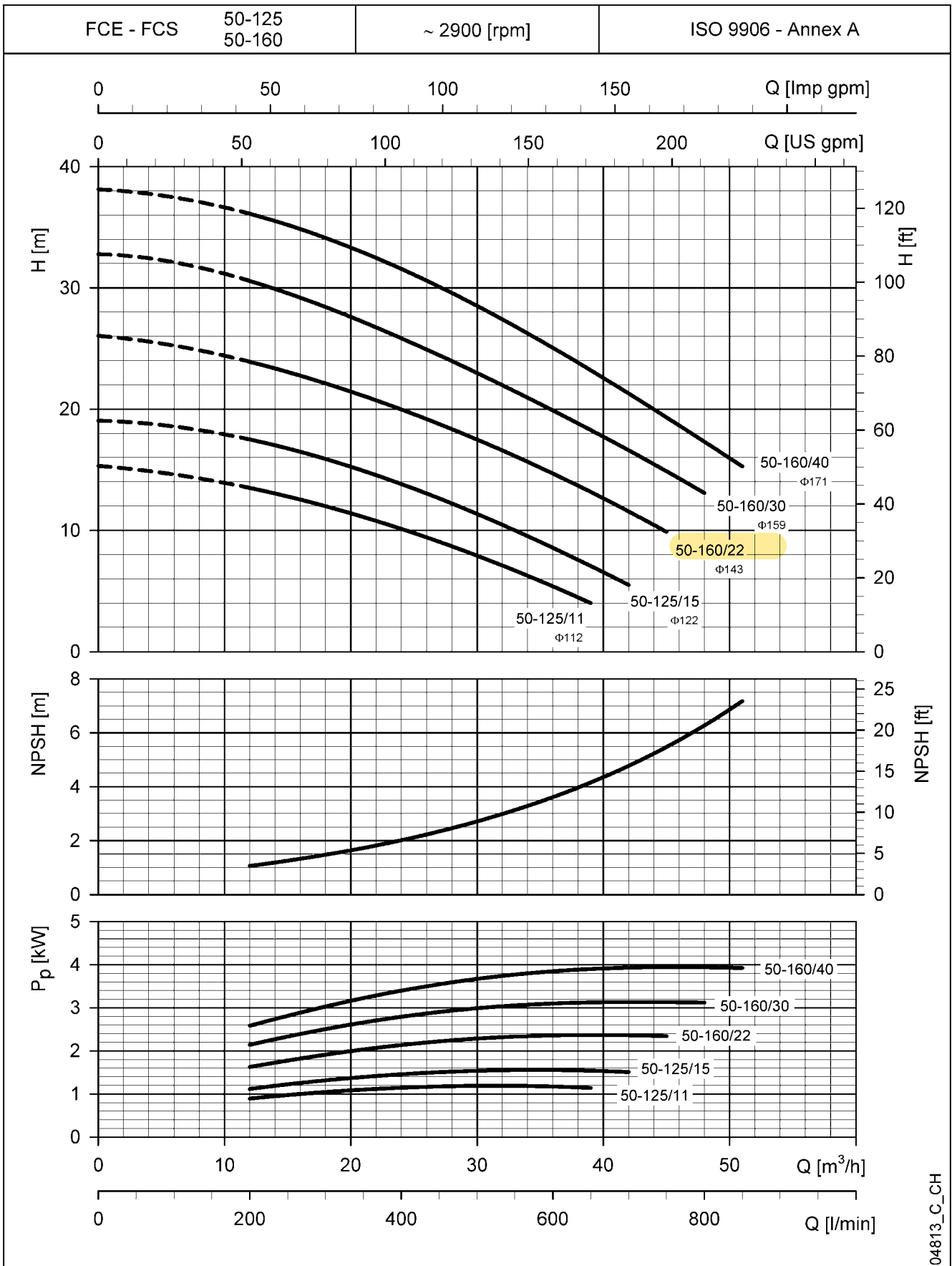
FCS50-250/110A : 11 (kW) - 15 (HP)

FCE65-200/92 : 9.2 (kW) - 12.5 (HP)

FCS65-200/110A : 11 (kW) - 15 (HP)

Performances according to ISO 9906 - Annex A

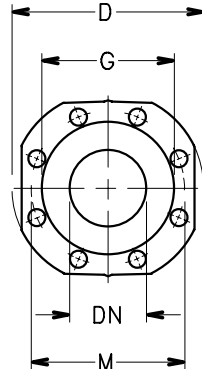
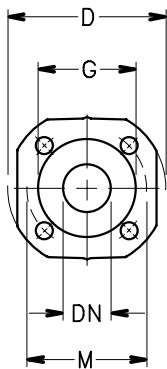
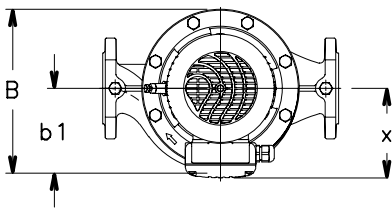
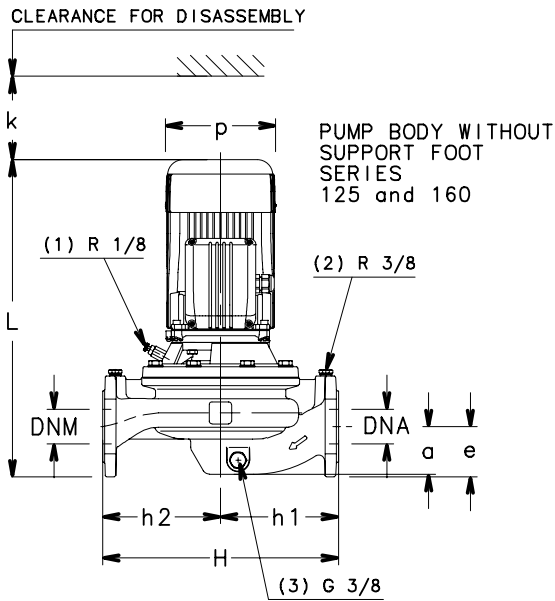
FCE-FCS SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



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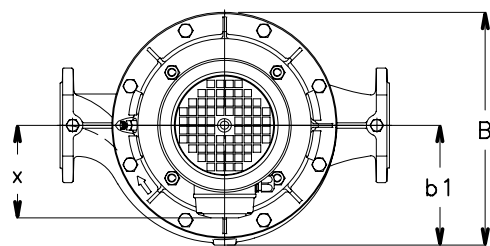
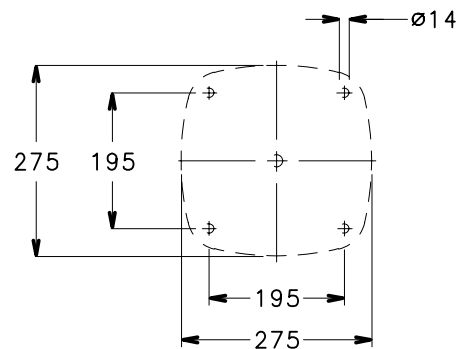
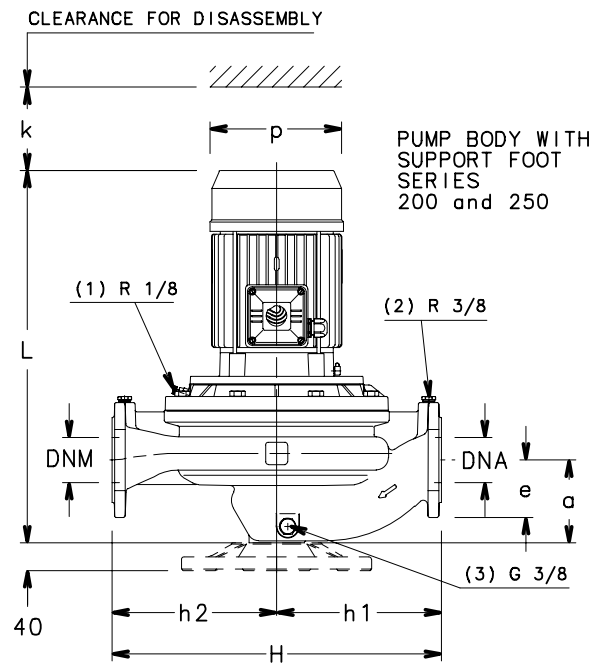
The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

FCE SERIES DIMENSIONS AND WEIGHTS AT 50 Hz



PUMP FLANGES

DN	D	M	G	HOLES		THICKNESS MAX.
				N°	DIA.	
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20
80	200	160	138	8	18	22
100	220	180	158	8	18	22



- (1) R 1/8 AIR VALVE
- (2) R 3/8 PRESSURE GAUGE CONNECTOR
- (3) G 3/8 DRAIN

FCE SERIES

DIMENSIONS AND WEIGHTS AT 50 Hz

PUMP TYPE	DIMENSIONS (mm)													WEIGHT kg
	DNA	DNM	a	e	h1	h2	x	b1	p	B	H max	L	k	
FCE 40-125/07/D	40	40	70	70	160	160	129	116	155	243	320	448	86	29
FCE 40-125/11/D	40	40	70	70	160	160	129	116	155	243	320	448	86	30
FCE 40-160/15/D	40	40	70	70	160	160	129	116	155	243	320	448	86	31
FCE 40-160/22/C	40	40	70	70	160	160	134	116	174	248	320	483	86	35
FCE 40-200/40A/P	40	40	95	65	220	220	154	163	197	325	440	514	98	72
FCE 40-200/40/P	40	40	95	65	220	220	154	163	197	325	440	514	98	72
FCE 40-200/55/P	40	40	95	65	220	220	168	163	214	330	440	548	98	73
FCE 40-250/75/P	40	40	95	65	220	220	191	163	256	353	440	562	98	91
FCE 40-250/110/P	40	40	95	65	220	220	191	163	256	353	440	600	98	92
FCE 50-125/11/D	50	50	69	73	170	170	129	122	155	243	340	457	88	32
FCE 50-125/15/D	50	50	69	73	170	170	129	122	155	243	340	457	88	34
FCE 50-160/22/C	50	50	69	73	170	170	134	122	174	248	340	492	88	44
FCE 50-160/30/P	50	50	69	73	170	170	134	122	174	248	340	492	88	46
FCE 50-160/40/P	50	50	69	73	170	170	154	122	197	268	340	513	88	49
FCE 50-200/55/P	50	50	110	73	220	220	168	163	214	331	440	577	100	56
FCE 50-200/75/P	50	50	110	73	220	220	191	163	256	354	440	591	100	72
FCE 50-250/92/P	50	50	110	73	220	220	191	163	256	354	440	629	100	101
FCE 50-250/110/P	50	50	110	73	220	220	191	163	256	354	440	629	100	107
FCE 50-250/150/P	50	50	110	73	220	220	240	163	313	403	440	718	100	115
FCE 65-125/22/C	65	65	77	83	170	170	134	137	174	274	340	511	92	54
FCE 65-125/30/P	65	65	77	83	170	170	134	137	174	274	340	511	92	57
FCE 65-125/40/P	65	65	77	83	170	170	154	137	197	291	340	532	92	61
FCE 65-160/55/P	65	65	77	83	170	170	168	137	214	305	340	566	92	69
FCE 65-160/75/P	65	65	77	83	170	170	191	137	256	328	340	580	92	86
FCE 65-200/92/P	65	65	119	83	237,5	237,5	191	172	256	354	475	634	104	105
FCE 65-200/110/P	65	65	119	83	237,5	237,5	191	172	256	354	475	634	104	112
FCE 65-250/150/P	65	65	119	83	237,5	237,5	240	172	313	403	475	723	104	128
FCE 65-250/185/P	65	65	119	83	237,5	237,5	240	172	313	403	475	723	104	138
FCE 65-250/220/P	65	65	119	83	237,5	237,5	240	172	313	403	475	723	104	150
FCE 80-125/30/P	80	80	90	90	175	185	134	148	174	287	360	545	102	64
FCE 80-125/40/P	80	80	90	90	175	185	154	148	197	293	360	566	102	67
FCE 80-125/55/P	80	80	90	90	175	185	168	148	214	307	360	600	102	69
FCE 80-160/75/P	80	80	90	90	175	185	191	148	256	330	360	614	102	85
FCE 80-200/110/P	80	80	130	90	250	250	191	184	256	354	500	661	112	120
FCE 80-200/150/P	80	80	130	90	250	250	240	184	313	403	500	750	112	130
FCE 80-200/185/P	80	80	130	90	250	250	240	184	313	403	500	750	112	140
FCE 80-200/220/P	80	80	130	90	250	250	240	184	313	403	500	750	112	152
FCE 100-160/110/P	100	100	105	105	225	225	191	172	256	330	450	677	117	127
FCE 100-200/185/P	100	100	140	105	275	275	240	196	313	406	550	771	129	180
FCE 100-200/220/P	100	100	140	105	275	275	240	196	313	406	550	771	129	192

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Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

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