

Pioneering for You

wilo

Wilo-Heating, Air-conditioning, Cooling

Wilo-IL-E 系列

变频管道泵



“威乐，
值得信赖的
水泵专家。”



Wilo-IL-E

威乐 IL-E 系列变频管道泵，遵循威乐百年制泵理念，产品安全、高效、节能。水泵结构设计紧凑，采用强制循环机械密封，具有免维护，工作状态稳定等特点。水泵集成变频控制，节能；运用绿色按钮和显示面板进行操作，操作简单；带有 IR- 监视器功能。可应用于采暖及空调水系统中，泵送采暖热水，水 - 乙二醇混合液，冷却水及冷水等。

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Pioneering for You



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Series description Wilo-IL-E 系列说明



Design

Electronically controlled glanded single pump in in-line design with flange connection and automatic power adjustment

设计结构

变频管道泵，法兰连接，自动功率调节

Application

For pumping heating water (in accordance with VDI 2035), waterglycol mixtures and cooling and cold water without abrasive substances in heating, cold water and cooling water systems

应用

用于泵送采暖热水（符合 VDI 2035 标准），水 - 乙二醇混合液和冷却水，以及热水，冷水和冷却水系统中不含研磨物质的液体。

Scope of delivery

- Pump
- Installation and operating instructions

供货范围

- 水泵
- 安装及操作维护说明书

Type key 型号说明

Example	IL-E 50/170-7.5/2-R1	
IL-E	In-line pump with electronic control	变频管道泵
50	Nominal diameter DN of the pipe connection	公称直径 DN
170	Nominal impeller diameter	名义叶轮直径
7.5	Nominal motor power P ₂ in kW	额定功率 P ₂ kW
2	Number of poles	电机极数
R1	Version without pressure sensor	不带压力传感器

Technical data

- Permissible temperature range -20°C to +140°C
- Mains connection 3~400 V, 50 Hz; 3~380 V, 60 Hz
- Protection class IP 55
- Nominal diameter DN 40 to DN 200
- Max. operating pressure 16 bar

技术参数

- 允许温度范围 -20°C~+140°C
- 电源 3~400 V, 50Hz; 3~380 V, 60 Hz
- 防护等级 IP 55
- 公称直径 DN 40 ~ DN 200
- 最大工作压力 16 bar

Special features/product benefits

- Motors with IE2 technology for higher efficiency fitted as standard
- Energy savings due to integrated electronic performance control
- Simple operation with red-button technology and display
- Different control modes Δp-c, Δp-v, PID and n=const. (manual control mode)
- Large speed range (4-pole: 380-1450 rpm, 2-pole: 750-2900 rpm)
- Analogue interfaces 0-10 V, 2-10V, 0-20 mA, 4-20 mA
- Optional interfaces for bus communication using plug-in IF-Modules
- Integrated dual pump management
- Two configurable signal relays for run and fault signals
- Configurable fault response tailored to HVAC applications
- Access disable on the pump
- Integrated full motor protection (TRS) with trip electronics
- Condensate drainage holes as standard

特点

- 标配高效 IE2 电机
- 集成电子控制，节能
- 利用绿色按钮和显示面板，操作简单
- 控制模式 Δp-c, Δp-v, PID 和 n= 常量（手动控制模式）
- 转速范围（4 极：380-1450 rpm，2 极：750-2900 rpm）
- 模拟接口 0-10 V, 2-10V, 0-20 mA, 4-20 mA
- 可选的 IF- 模块总线接口
- 双泵管理
- 配置 2 个运行和故障信号继电器
- 配置应用于 HVAC 领域的故障反馈
- 禁止访问
- 集成电机保护（TRS）
- 电泳涂层，防腐保护
- 冷凝水排水孔

Materials

- Pump housing and lantern: EN-GJL-250
- Impeller
 - Standard version: EN-GJL-200
 - Special version: G-CuSn 10
- Shaft: 1.4122
- Mechanical seal: AQEGG; other mechanical seals on request

材质

- 泵体和灯笼架：EN-GJL-250 铸铁
- 叶轮
 - 标准配置：EN-GJL-250 铸铁
 - 特殊配置：G-CuSn 10 青铜
- 轴：1.4122 不锈钢
- 机械密封：AQEGG 石墨（碳化硅）；其他机械密封，根据客户要求提供

Description/design

Single-stage, low-pressure centrifugal pump in in-line design with

- Mechanical seal
- Flange connection
- Lantern
- Coupling
- Drive with integrated electronic speed control

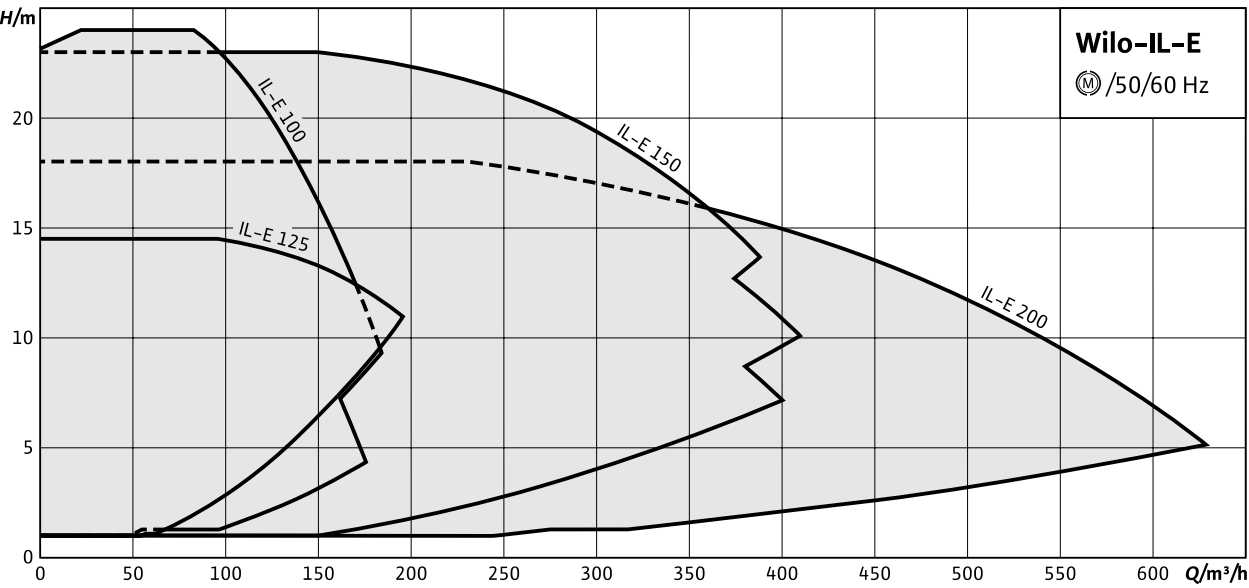
设计结构

单级，低扬程管道泵

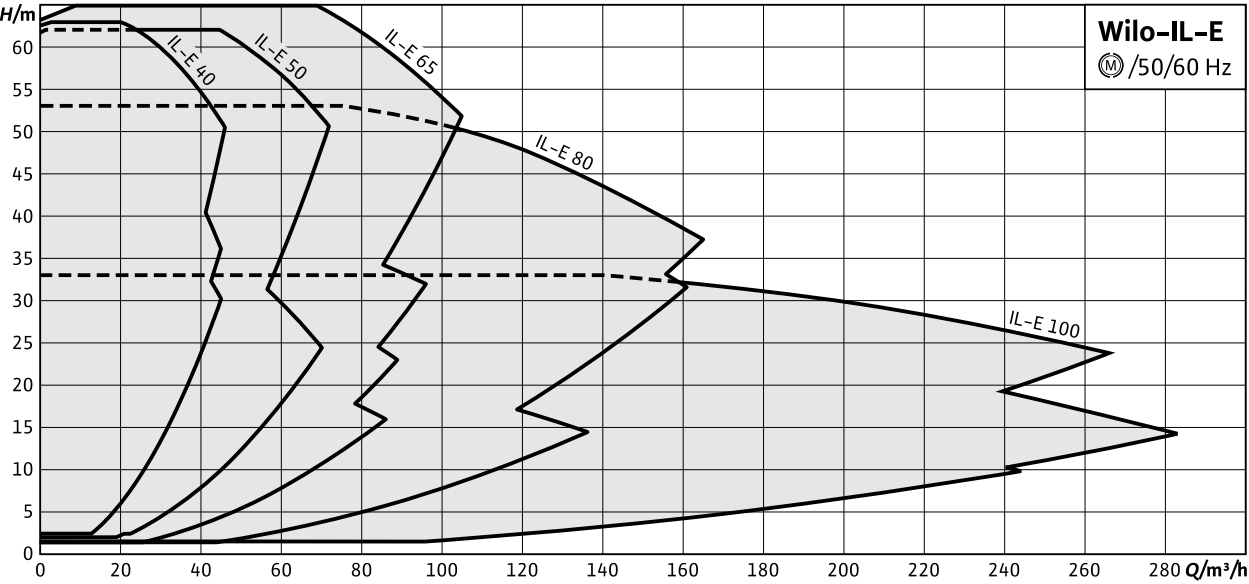
- 机械密封
- 法兰连接
- 灯笼架
- 联轴节
- 集成变频器

Series description Wilo-IL-E 系列说明

Wilo-IL-E (4-pole)



Wilo-IL-E (2-pole)



Equipment/function Wilo-IL-E 配置 / 功能		
		Wilo-IL-E
Operating modes	运行模式	
Δp-c for constant differential pressure	Δp-c 恒定压差	•
Δp-v for variable differential pressure	Δp-v 可变压差	•
PID-Control	PID 控制	•
Manual control mode (n=constant)	手动控制模式 (n= 常量)	•
Operation level	操作界面	
Red button and display	红色按钮和显示面板	•
Manual functions	手动控制功能	
Differential-pressure setpoint setting	压差设置	•
Speed setting (manual control mode)	转速设置 (手动控制模式)	•
Operating mode setting	操作模式设置	•
Pump ON/OFF setting	水泵启停设置	•
Configuration of all operating parameters	操作参数配置	•
Error acknowledgement	故障管理	•
External control functions	外部控制功能	
“Overriding Off” control input	“关断优先”控制输入	•
Control input “External pump cycling” (effective only in dual pump operation) 控制输入“外部水泵循环” (仅适用于双泵运行)		•
“Analogue In 0 ... 20 mA” control input (remote speed adjustment)	“输入信号 0 ... 20 mA” (远程转速调节)	•
“Analogue In 0 ... 10 V” control input (remote speed adjustment)	“输入信号 0 ... 10 V” (远程转速调节)	•
Analogue input 0–10 V for pressure sensor actual value signal	压差传感器实际信号输入 0–10 V	•
Analogue input 2–10 V, 0–20 mA, 4–20 mA for pressure sensor actual value signal 压差传感器实际信号输入 2–10 V, 0–20 mA		•
Signal and display functions	信号和显示功能	
Collective fault signal (potential-free NC contact)	故障信号输出 (无源常闭触点)	•
Collective run signal	运行信号输出	•
Data exchange	数据交换	
Infrared interface for wireless data exchange with IR-Module/IR-Monitor (see IR-Module/IR-Monitor function table) 无线数据交换的红外接口, 带 IR- 模块 /IR- 监视器 (见 IR- 模块 /IR- 监视器功能表)		•
Plug-in position for Wilo IF-Modules (Modbus, BACnet, CAN, PLR, LON) for connection to building automation Wilo IF- 模块 (Modbus, BACnet, CAN, PLR, LON) 与 BA 连接		•
Safety functions	安全功能	
Full motor protection with integrated trip electronics	集成电机保护	•
Access disable	禁止访问	•
Dual pump management (double pump or 2 x single pump)	双泵管理 (双泵或 2 x 单泵)	
Main/standby mode (automatic fault-actuated switchover)	主泵 / 备用模式 (自动故障转换开关)	•
Main/standby mode pump cycling after 24 hours	主泵 / 备用模式 24 小时后水泵循环运行	•
Parallel operation	并联运行	•
Parallel operation (efficiency-optimised peak load cut-in and out)	并联运行 (高峰负荷时效率优化切换)	•

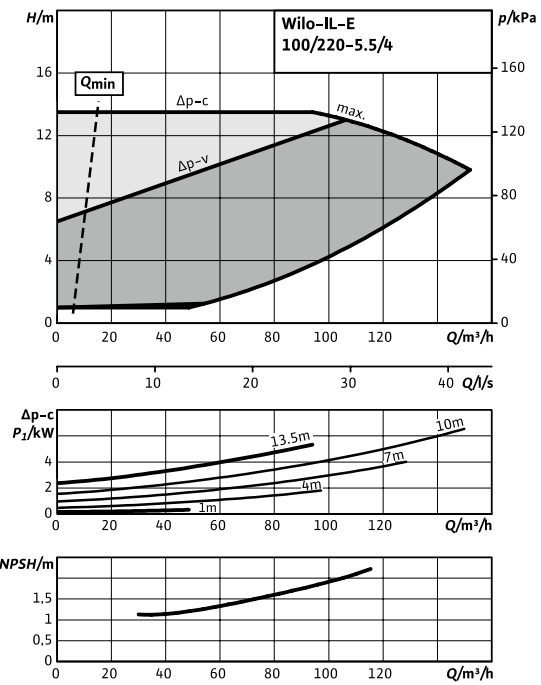
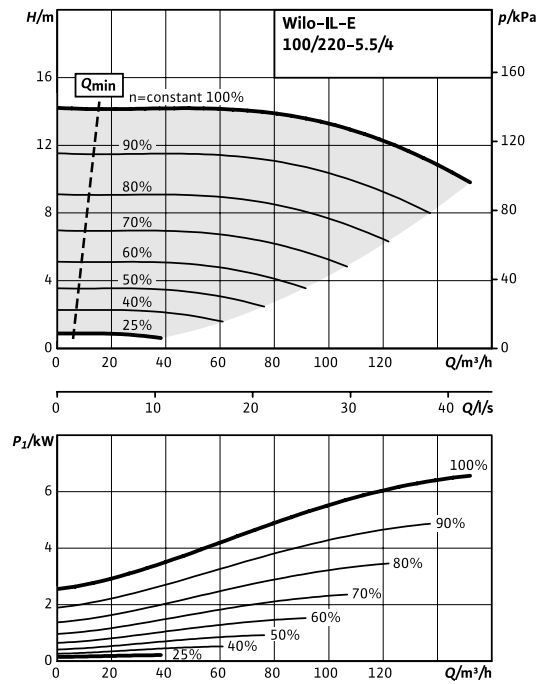
Technical data Wilo-IL-E 技术参数			
		Wilo-IL-E	
Approved fluids (other fluids on request)	允许的输送介质 (其他介质请来函咨询)		
Heating water (in accordance with VDI 2035)	供暖热水 (符合 VDI 2035 标准)	•	
Water-glycol mixtures (for 20–40 vol.% glycol and fluid temperature ≤40 °C) 水 - 乙二醇混合液 (乙二醇溶液体积含量 20–40 %, 介质温度≤ 40 °C)		•	
Cooling and cold water	冷却水和冷水	•	
Heat transfer oil	载热油	Special version at additional charge 特殊配置 (来函咨询)	
Permitted field of application	应用范围		
Standard version for operating pressure	标准配置的工作压力	16 bar (up to +120 °C) 16 bar (最高达 +120 °C) 13 bar (up to +140 °C) 13 bar (最高达 +140 °C)	
Special version for operating pressure		–	
Temperature range for applications in heating, ventilation & air-conditioning systems at max. ambient temperature of +40 °C 应用于供热, 通风及空调系统的最高 40 °C 环境温度下的介质温度范围		– 20 to + 140 °C	
Max. ambient temperature	最高环境温度	40 °C	
Installation in closed buildings	室内安装	•	
Outdoor installation	室外安装	–	
Pipe connections	管路连接		
Nominal connection diameters DN	公称直径 DN	40 – 200	
Flanges (according to EN 1092–2)	法兰 (根据 EN 1092–2)	PN 16	
Materials	材质		
Pump housing	泵体	EN-GJL–250	铸铁
Lantern	灯笼架	EN-GJL–250	铸铁
Impeller	叶轮	EN-GJL–200	铸铁
Impeller (special version)	叶轮 (特殊配置)	G–CuSn10	青铜
Pump shaft	泵轴	1.4122	不锈钢
Mechanical seal	机械密封	AQEGG	石墨 (碳化硅)
Other mechanical seals	其他机械密封	On request	根据客户要求
Electrical connection	电气连接		
Mains connection	电源	3~400 V, 50 Hz 3~380 V, 60 Hz	
Speed range	转速范围	380–1450 rpm 750–2900 rpm	
Motor/electronics	电机		
Motor technology	电机技术	Asynchronous motor 异步电机	
Integrated full motor protection	电机保护	•	
Protection class	防护等级	IP 55	
Insulation class	绝缘等级	F	
Emitted interference	发射干扰	EN 61800–3	
Interference resistance	抗干扰	EN 61800–3	
Residual-current protection device (RCD)	过流保护装置 (RCD)	•	
Installation options	安装选项		
Pipe installation (≤15 kW motor power)	管路安装 (≤ 15 kW 电机功率)	•	
Support-bracket mounting	支架安装	•	

• = available, – = not available • = 可选用, – = 不可选用

Pump curves Wilo-IL-E 性能曲线

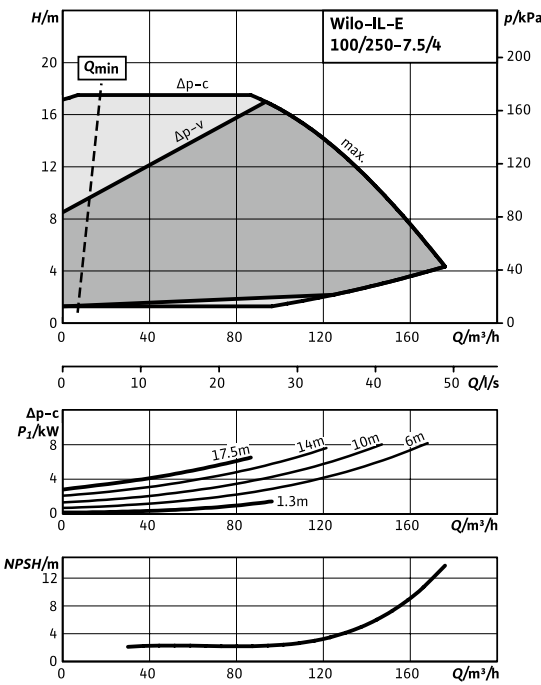
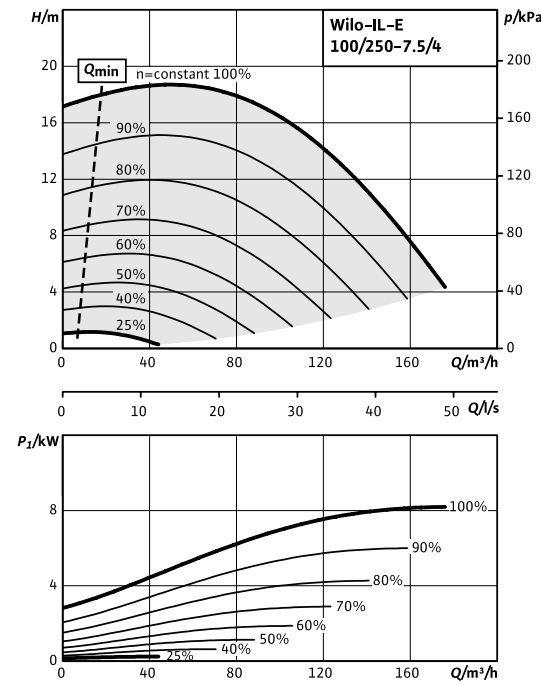
Wilo-IL-E 100/220-5.5/4

4-pole



Wilo-IL-E 100/250-7.5/4

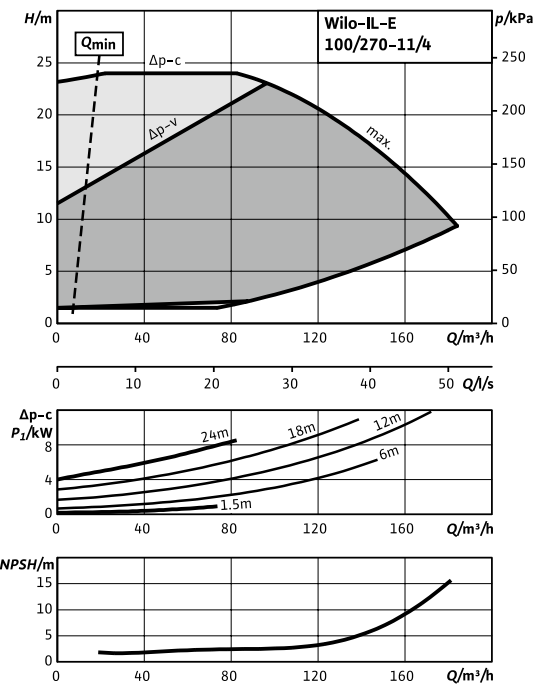
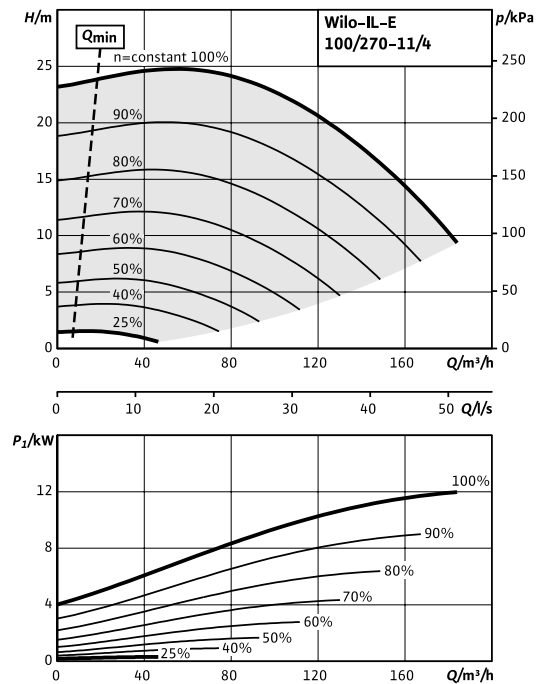
4-pole



Pump curves Wilo-IL-E 性能曲线

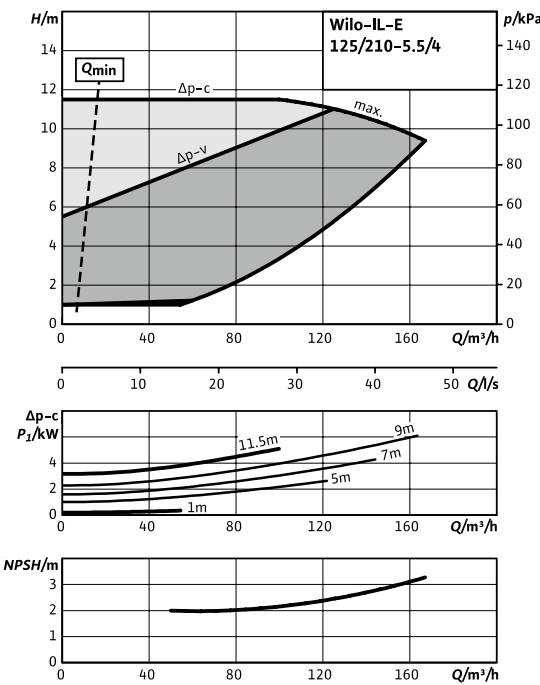
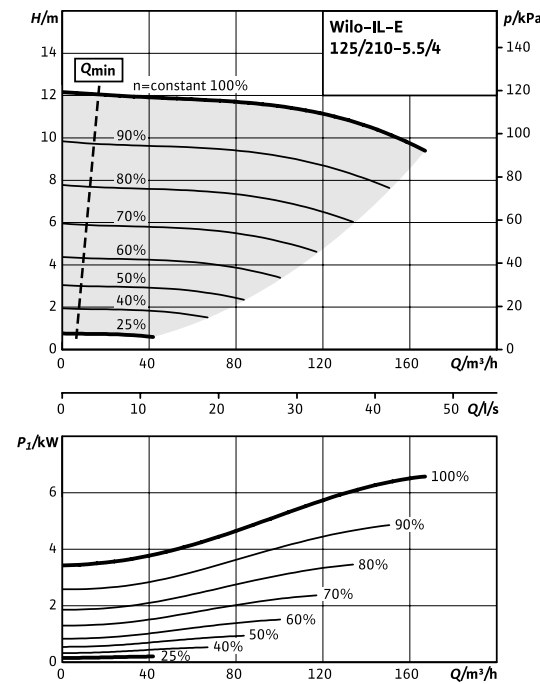
Wilo-IL-E 100/270-11/4

4-pole



Wilo-IL-E 125/210-5.5/4

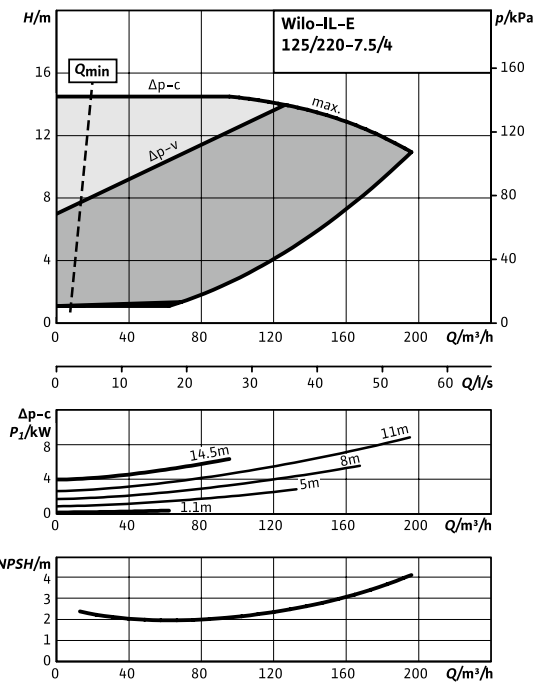
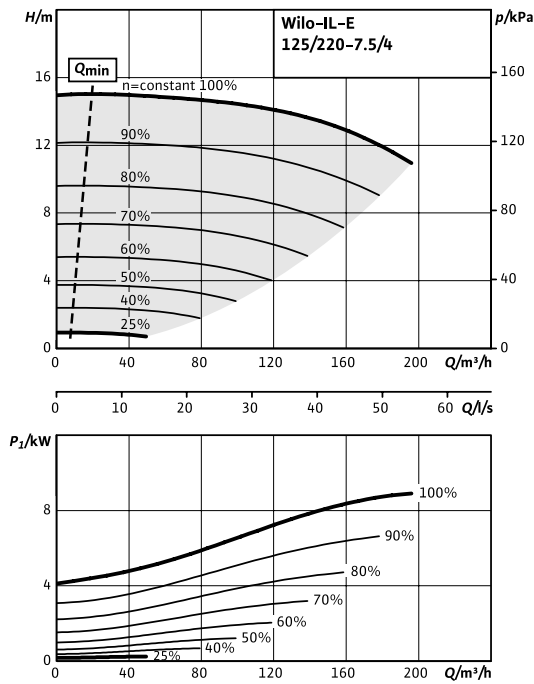
4-pole



Pump curves Wilo-IL-E 性能曲线

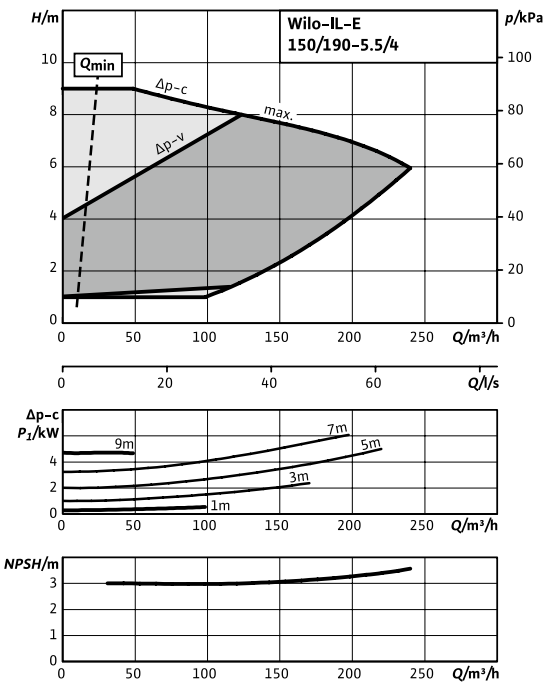
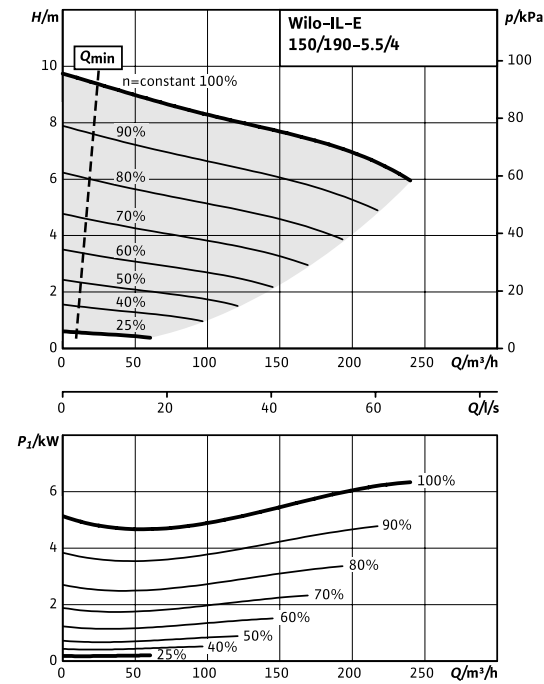
Wilo-IL-E 125/220-7.5/4

4-pole



Wilo-IL-E 150/190-5.5/4

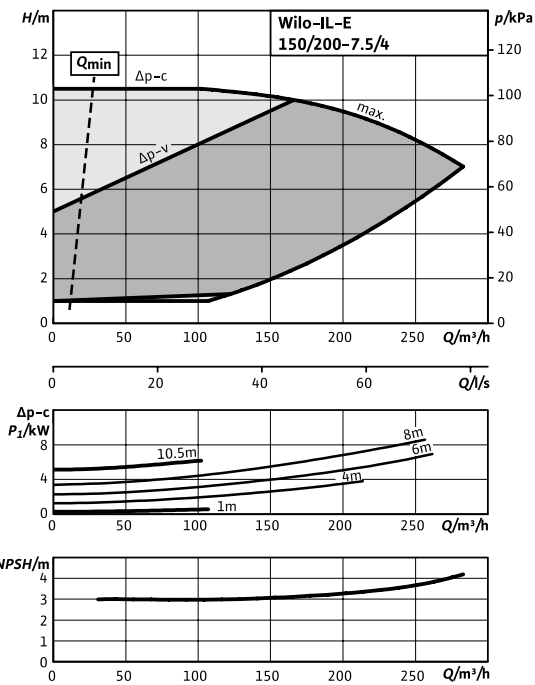
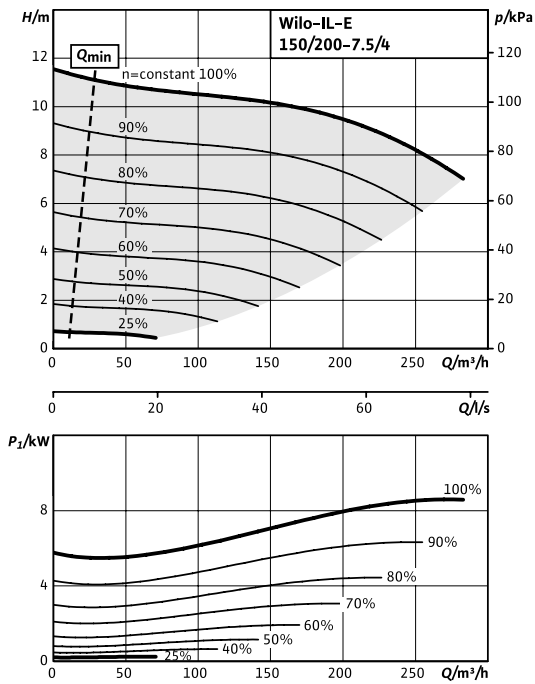
4-pole



Pump curves Wilo-IL-E 性能曲线

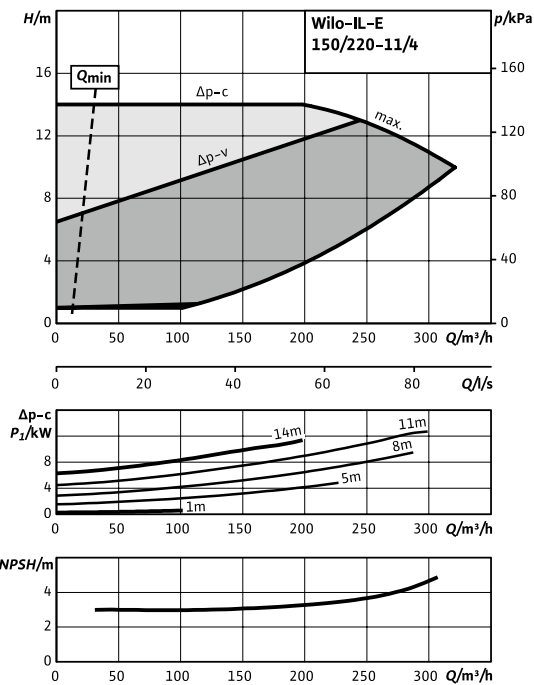
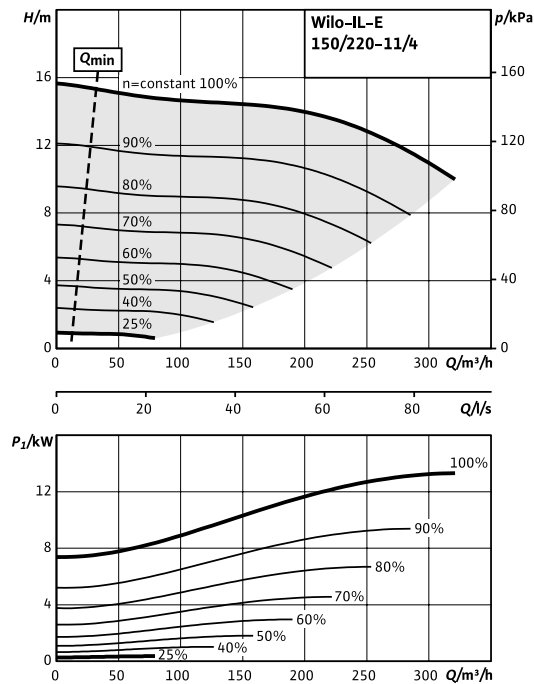
Wilo-IL-E 150/200-7.5/4

4-pole



Wilo-IL-E 150/220-11/4

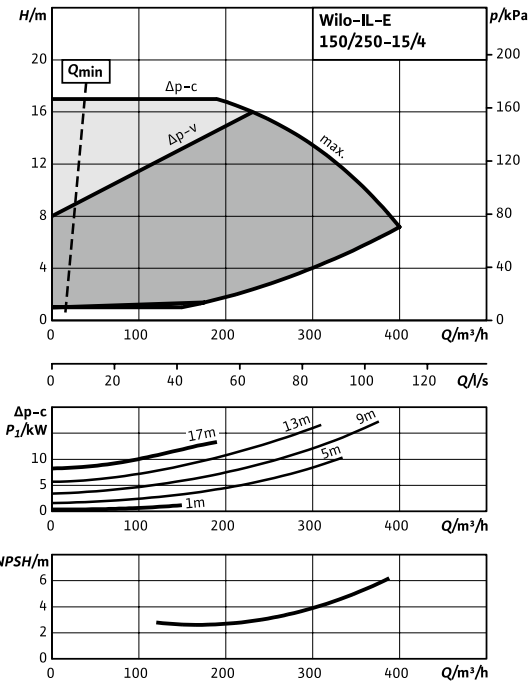
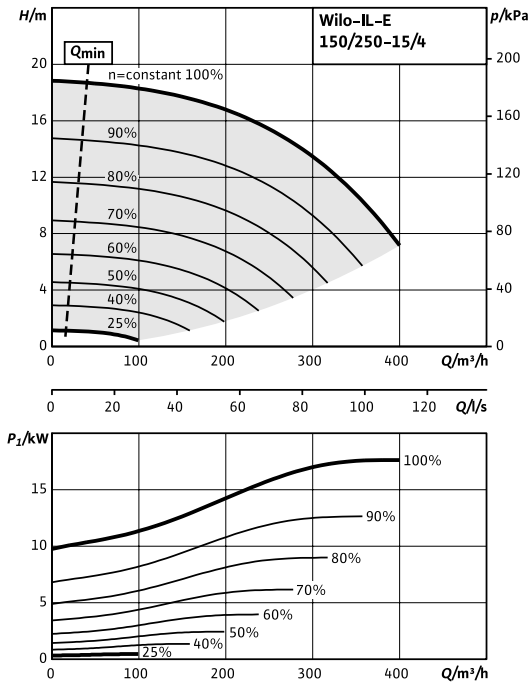
4-pole



Pump curves Wilo-IL-E 性能曲线

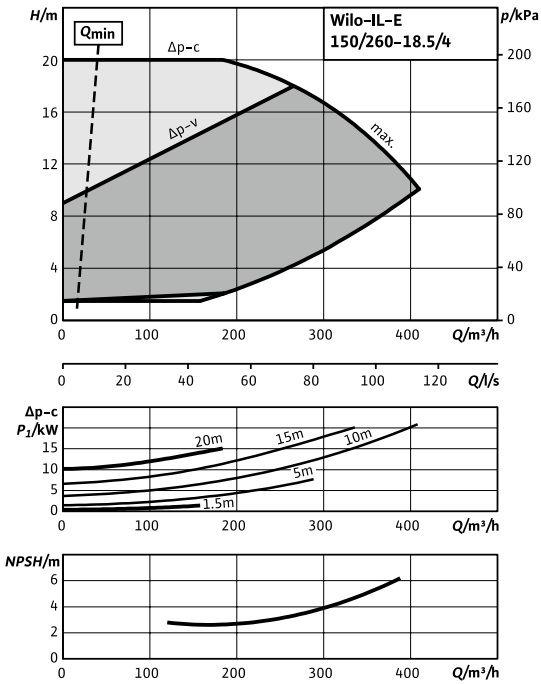
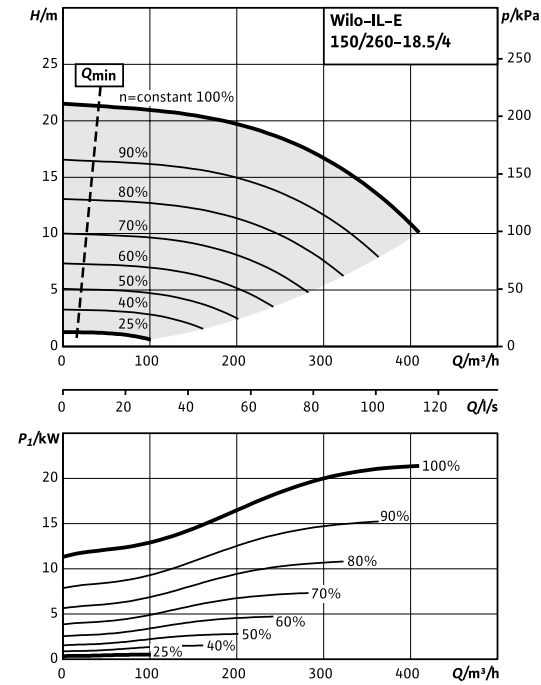
Wilo-IL-E 150/250-15/4

4-pole



Wilo-IL-E 150/260-18.5/4

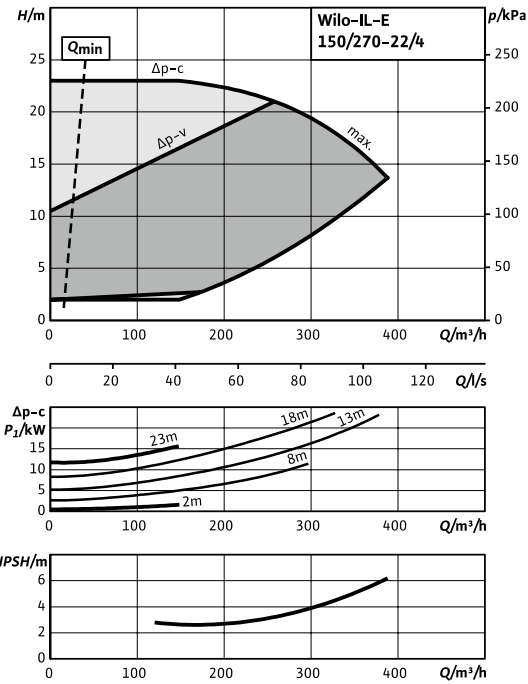
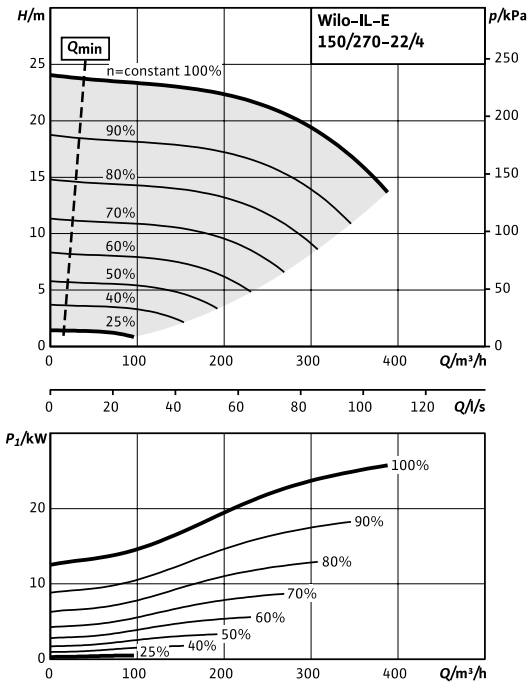
4-pole



Pump curves Wilo-IL-E 性能曲线

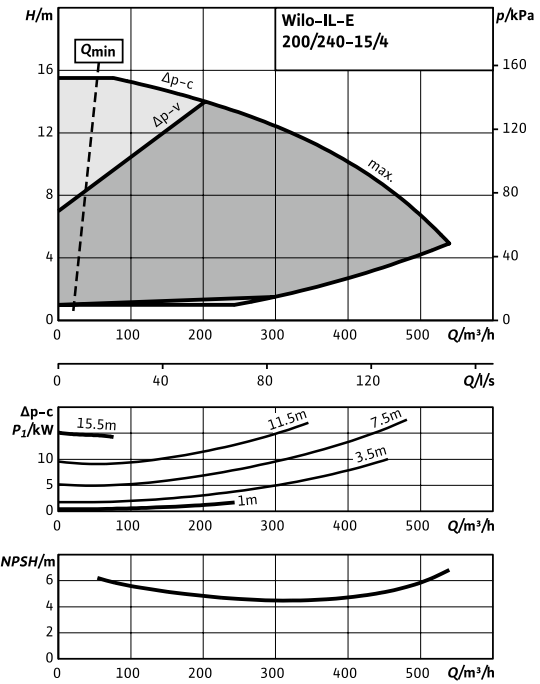
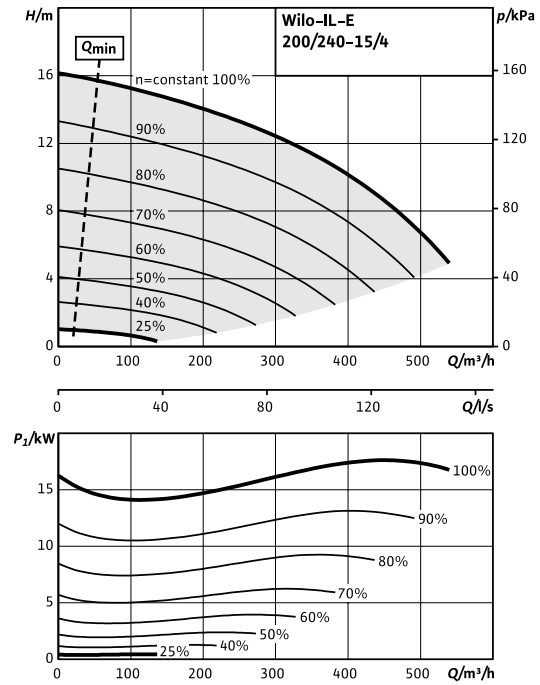
Wilo-IL-E 150/270-22/4

4-pole



Wilo-IL-E 200/240-15/4

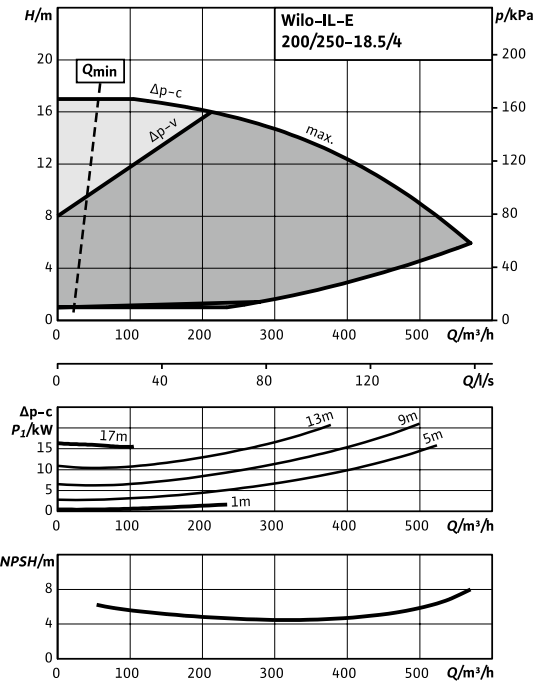
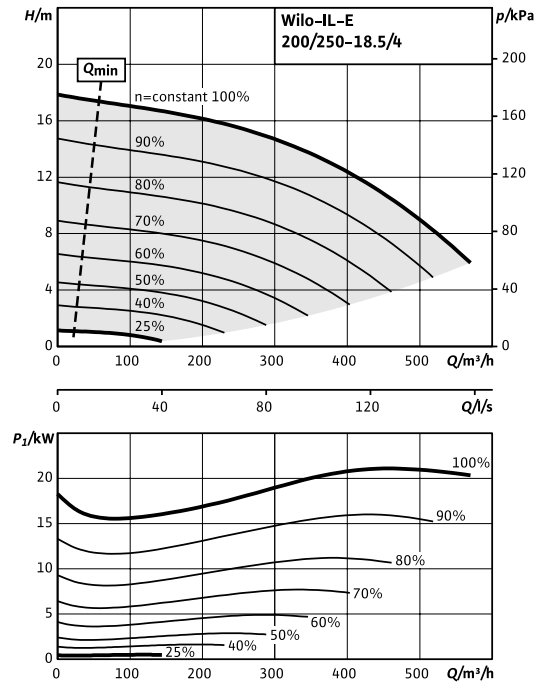
4-pole



Pump curves Wilo-IL-E 性能曲线

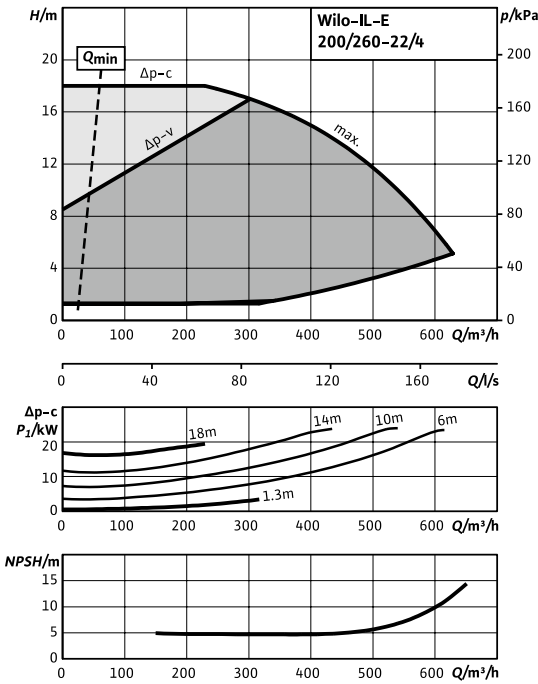
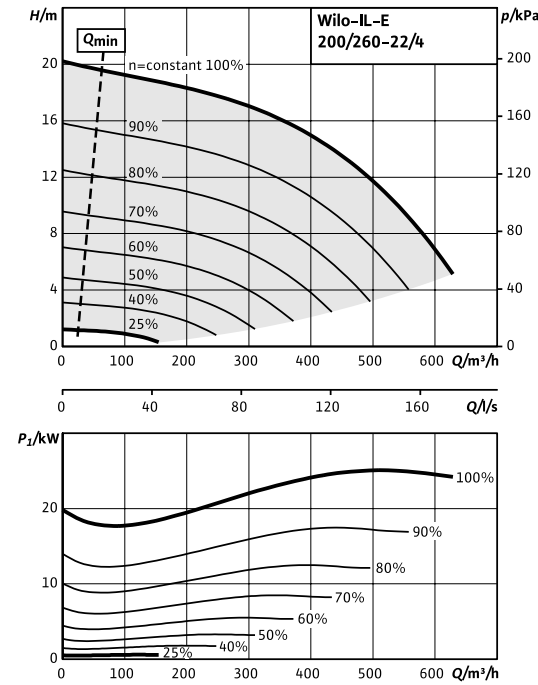
Wilo-IL-E 200/250-18.5/4

4-pole



Wilo-IL-E 200/260-22/4

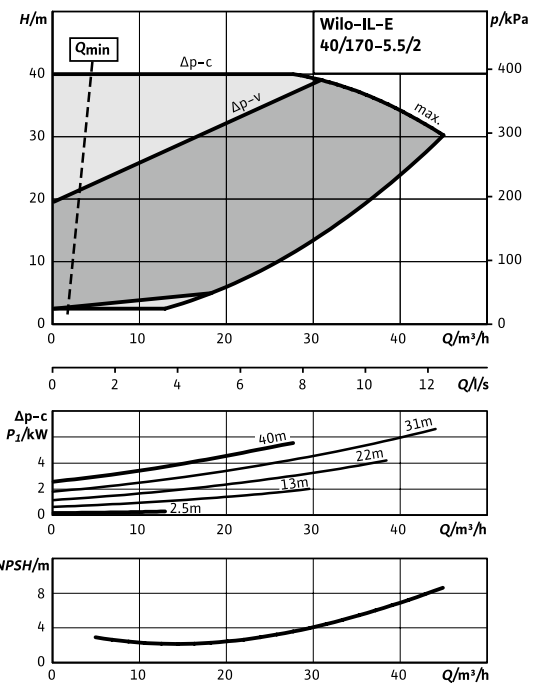
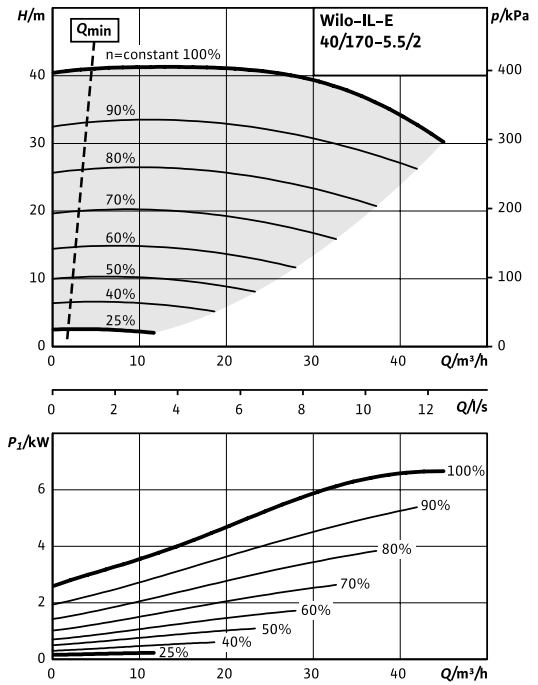
4-pole



Pump curves Wilo-IL-E 性能曲线

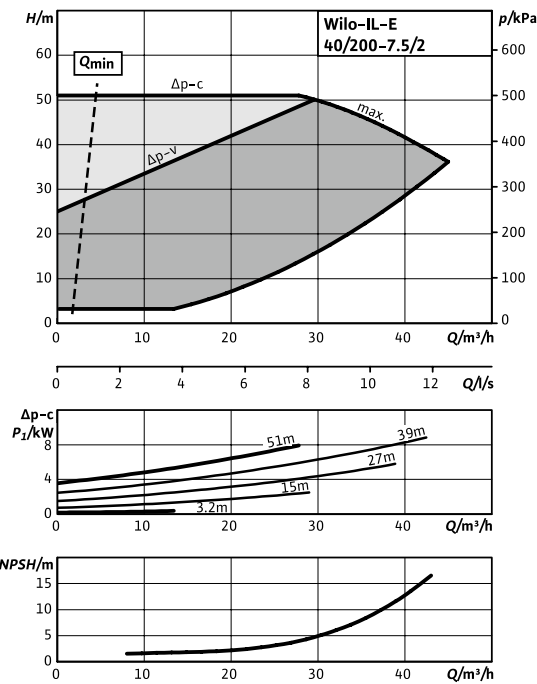
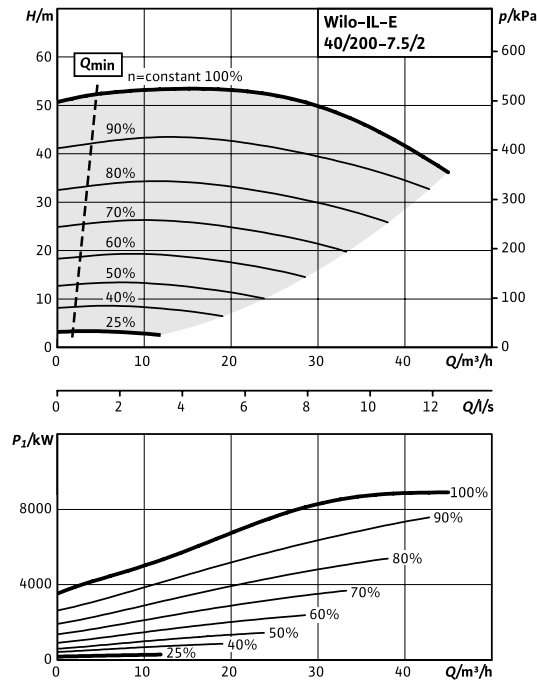
Wilo-IL-E 40/170-5.5/2

2-pole



Wilo-IL-E 40/200-7.5/2

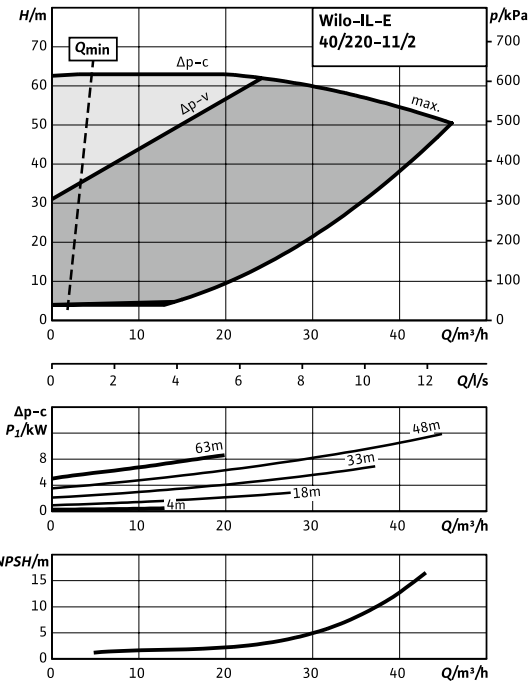
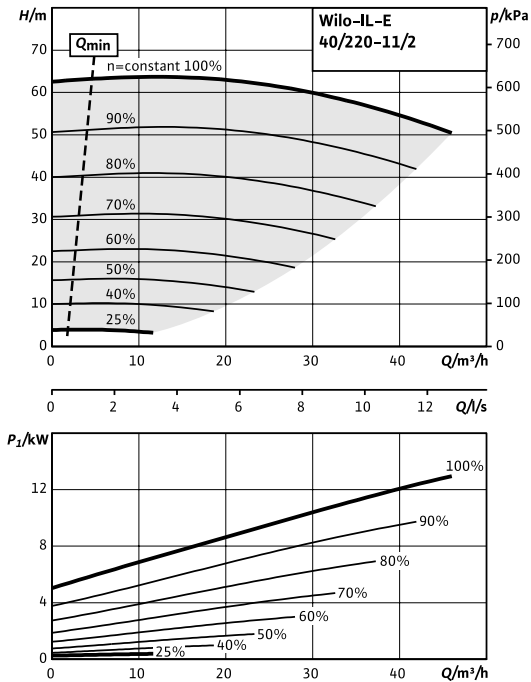
2-pole



Pump curves Wilo-IL-E 性能曲线

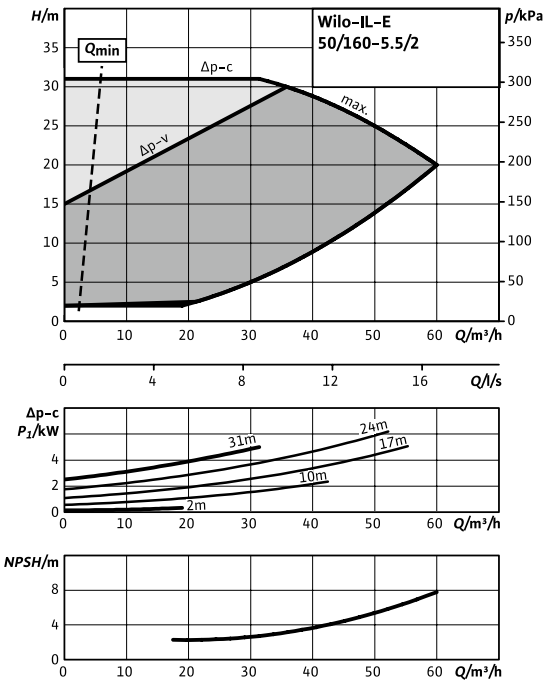
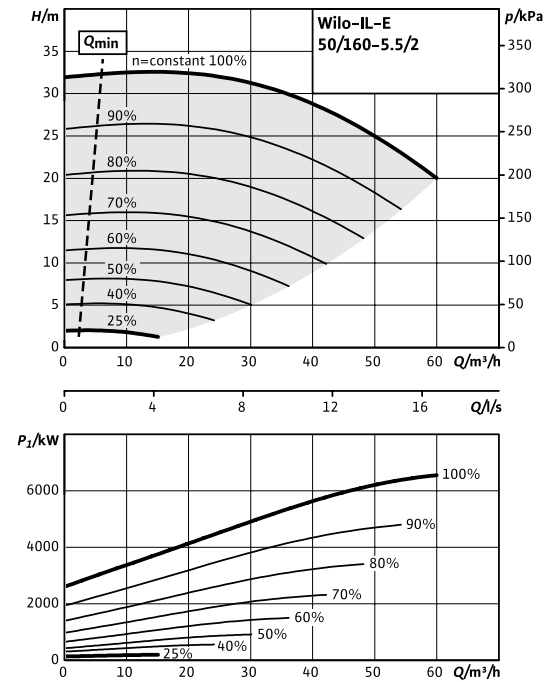
Wilo-IL-E 40/220-11/2

2-pole



Wilo-IL-E 50/160-5.5/2

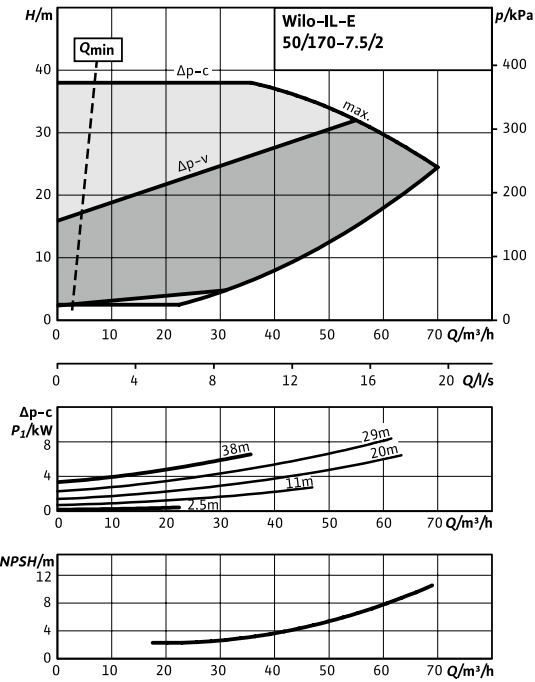
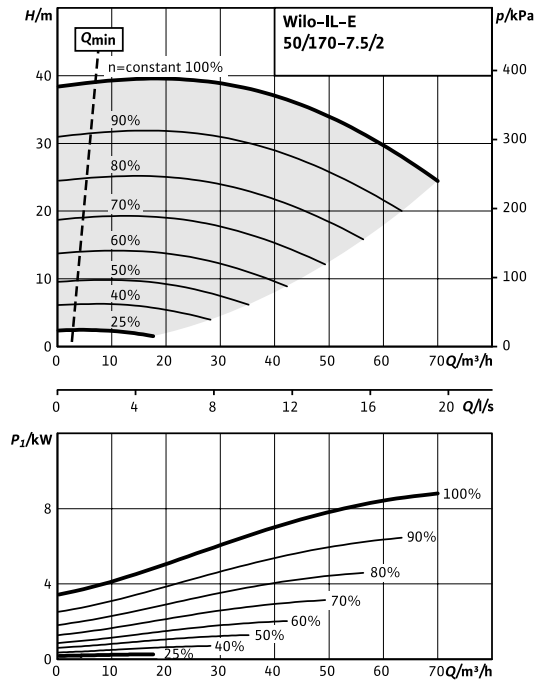
2-pole



Pump curves Wilo-IL-E 性能曲线

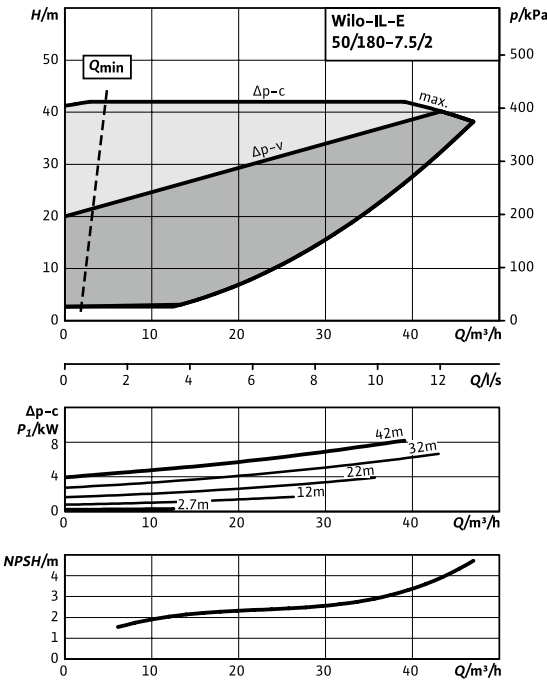
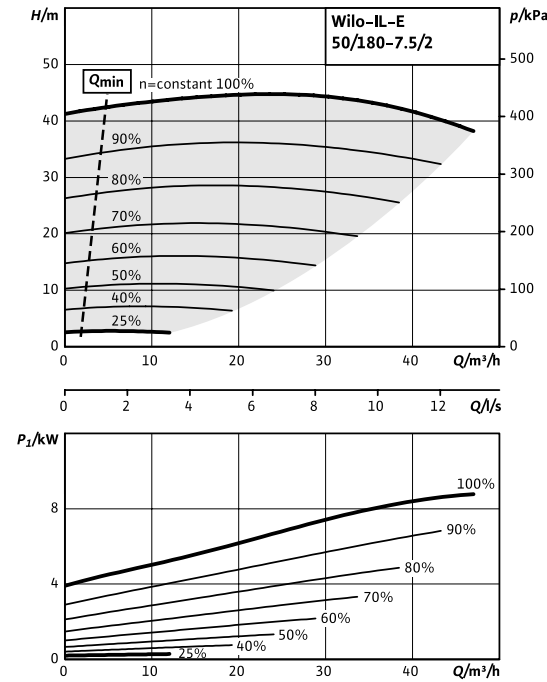
Wilo-IL-E 50/170-7.5/2

2-pole



Wilo-IL-E 50/180-7.5/2

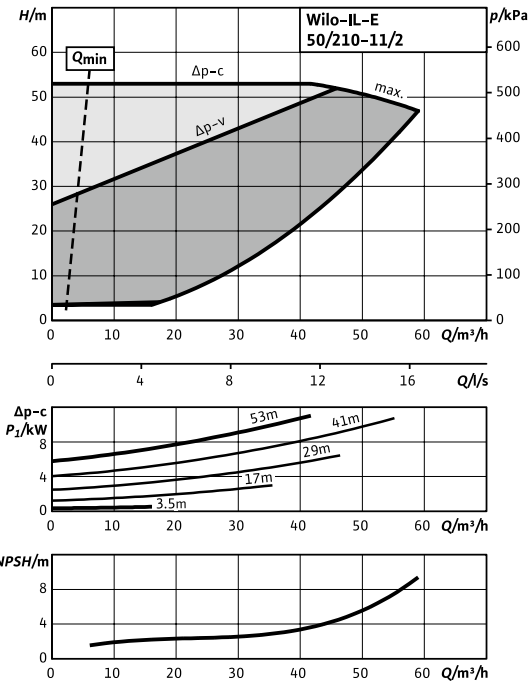
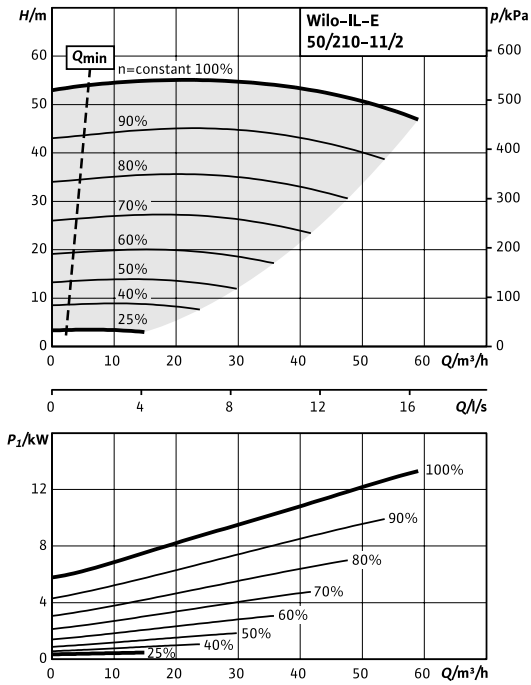
2-pole



Pump curves Wilo-IL-E 性能曲线

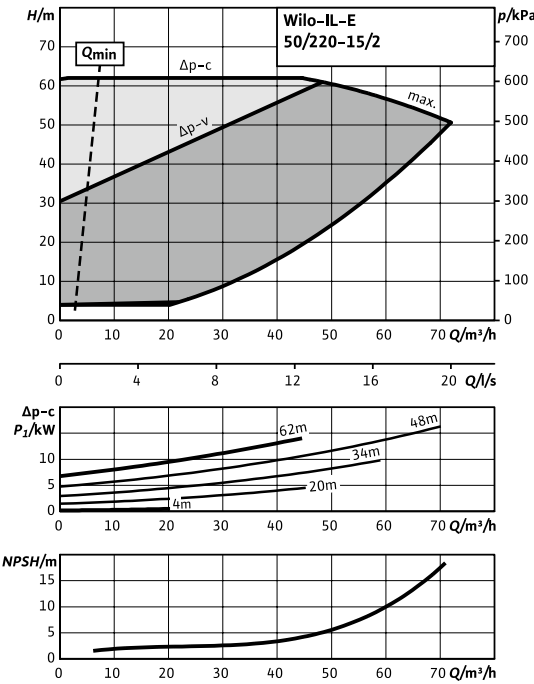
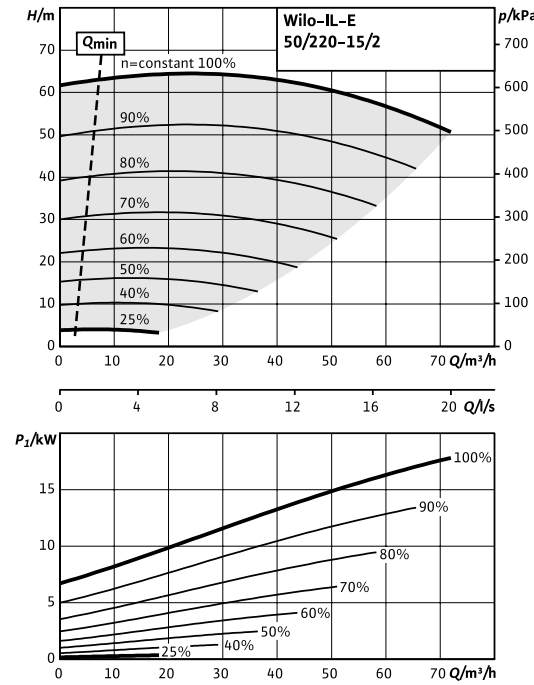
Wilo-IL-E 50/210-11/2

2-pole



Wilo-IL-E 50/220-15/2

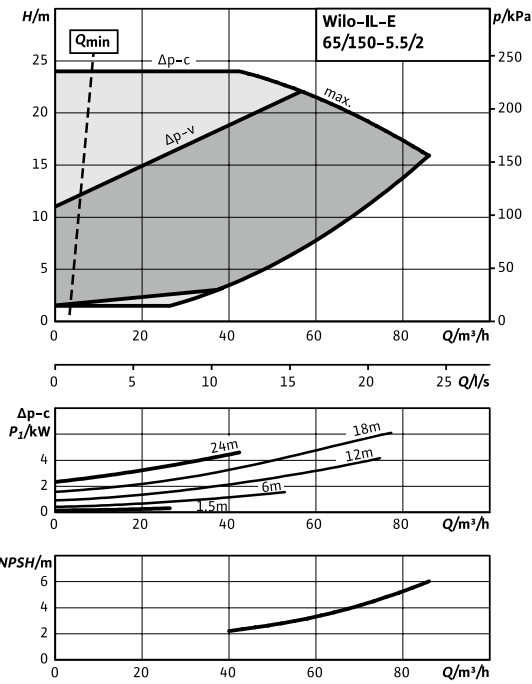
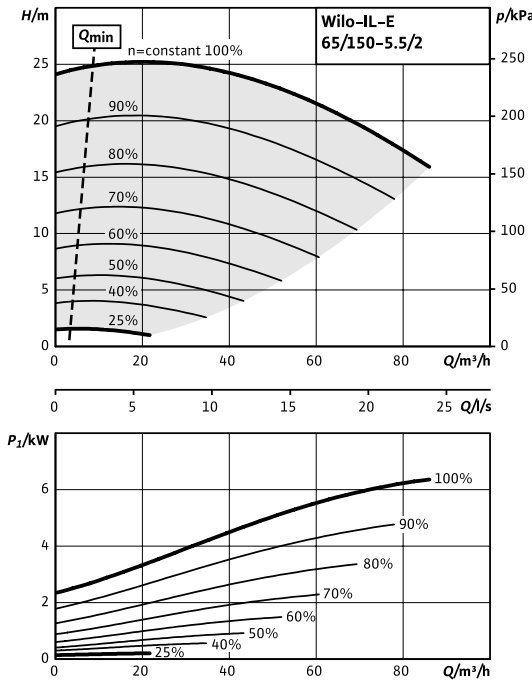
2-pole



Pump curves Wilo-IL-E 性能曲线

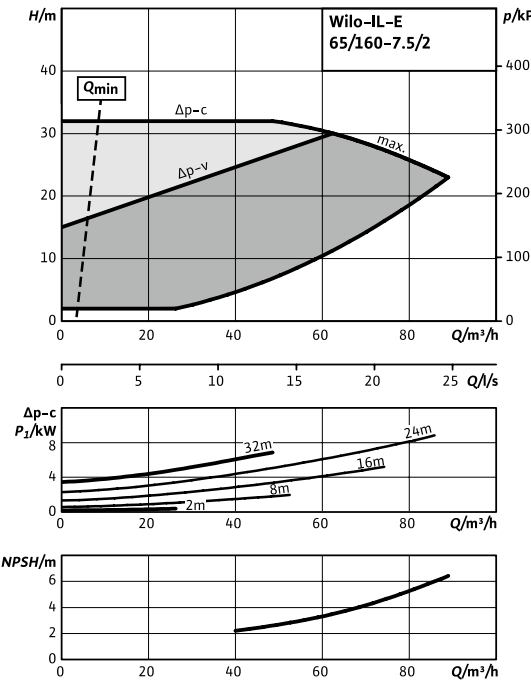
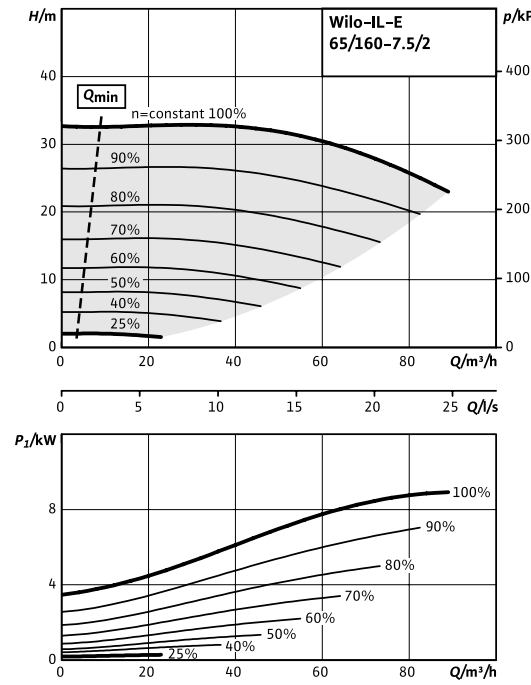
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2-pole



Wilo-IL-E 65/160-7.5/2

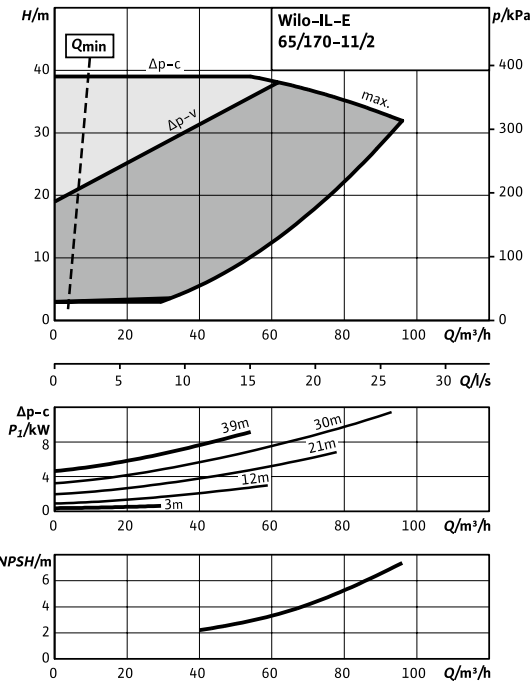
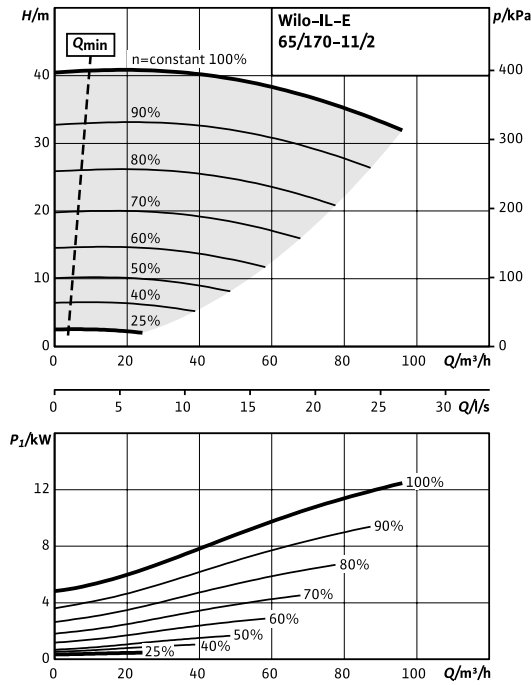
2-pole



Pump curves Wilo-IL-E 性能曲线

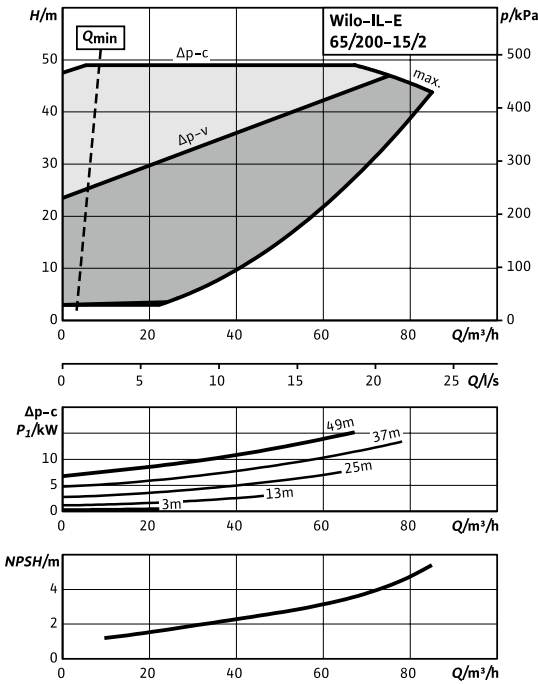
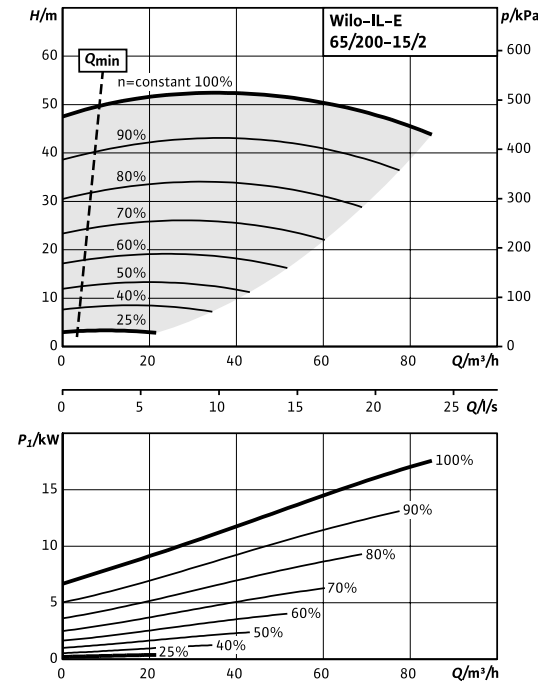
Wilo-IL-E 65/170-11/2

2-pole



Wilo-IL-E 65/200-15/2

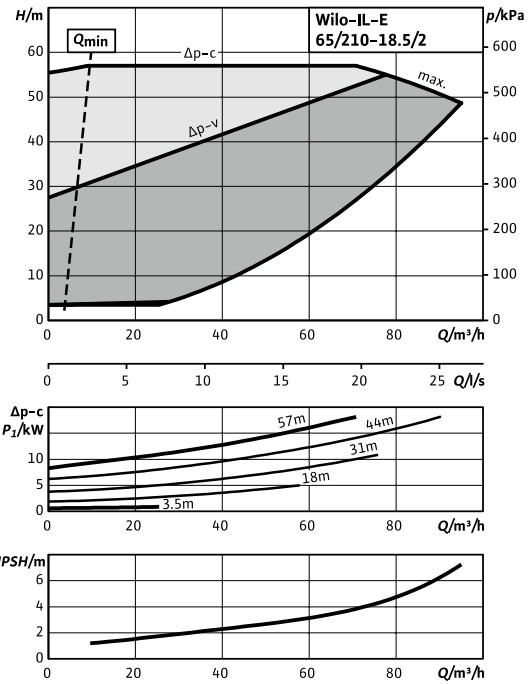
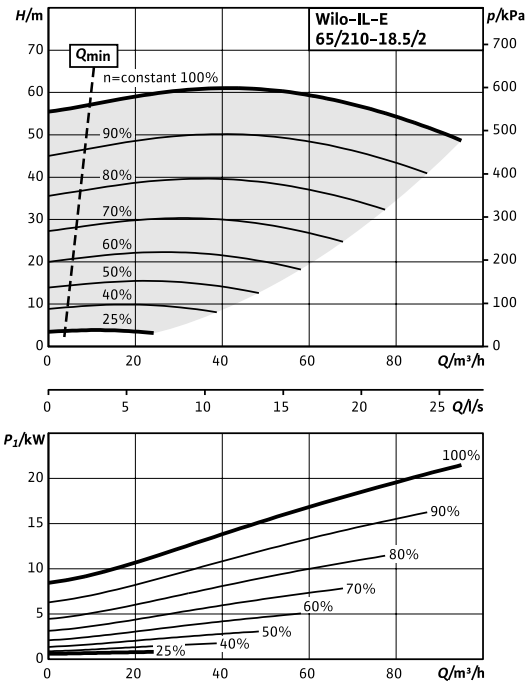
2-pole



Pump curves Wilo-IL-E 性能曲线

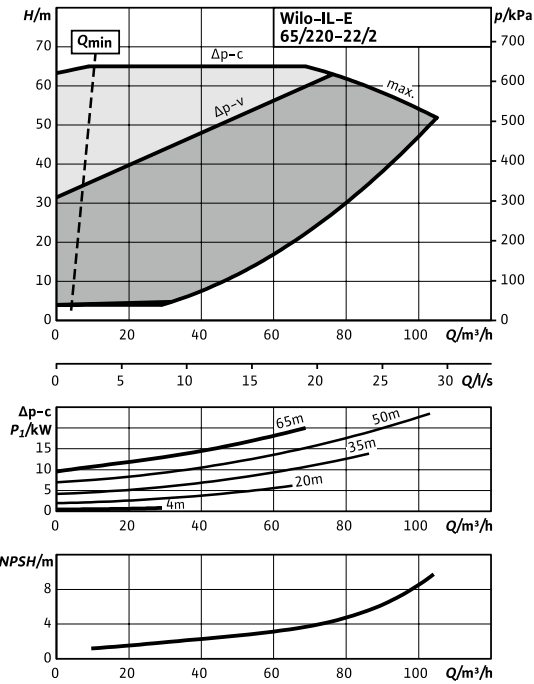
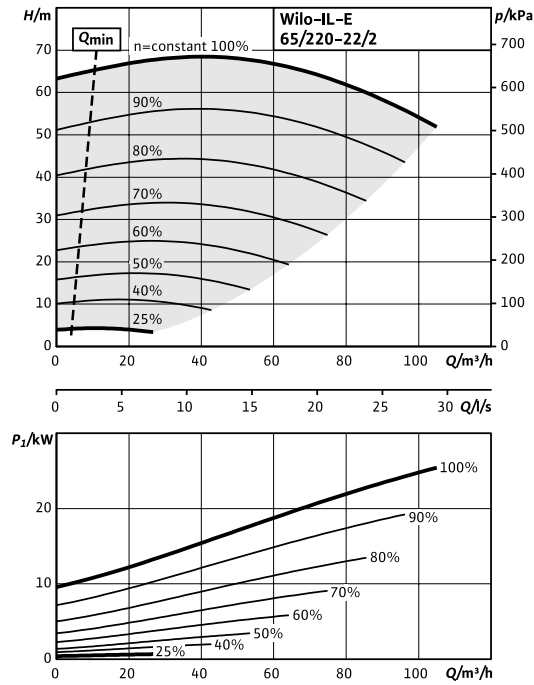
Wilo-IL-E 65/210-18.5/2

2-pole



Wilo-IL-E 65/220-22/2

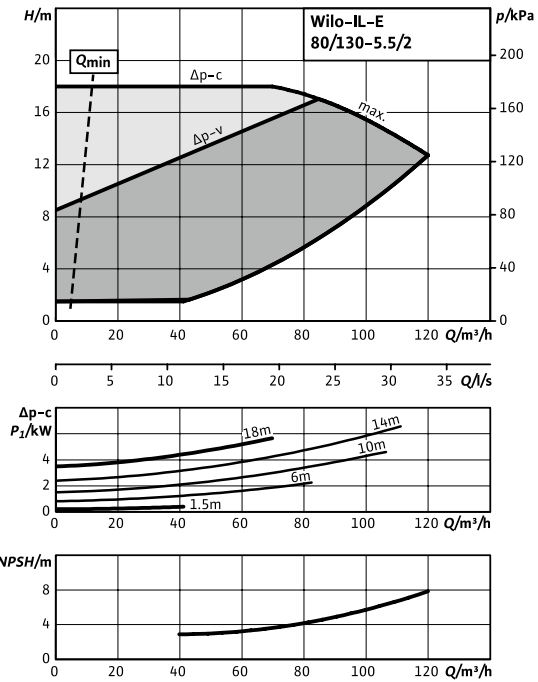
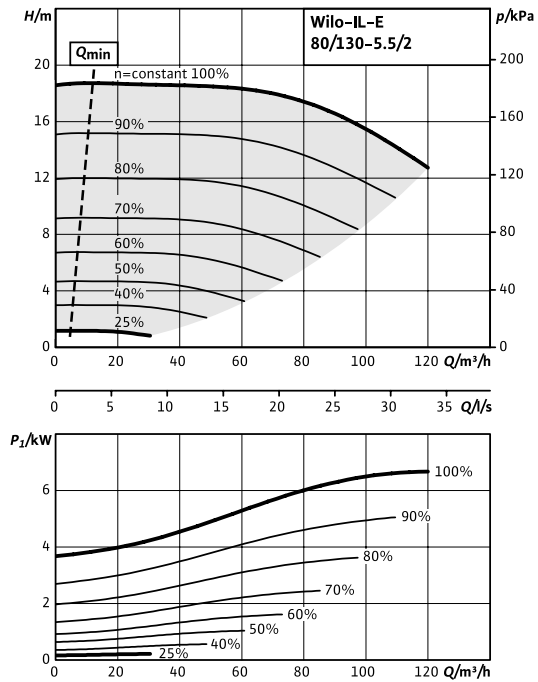
2-pole



Pump curves Wilo-IL-E 性能曲线

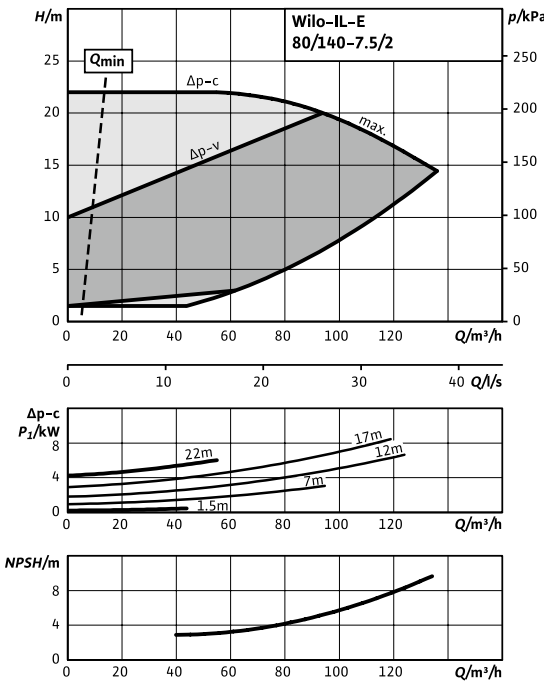
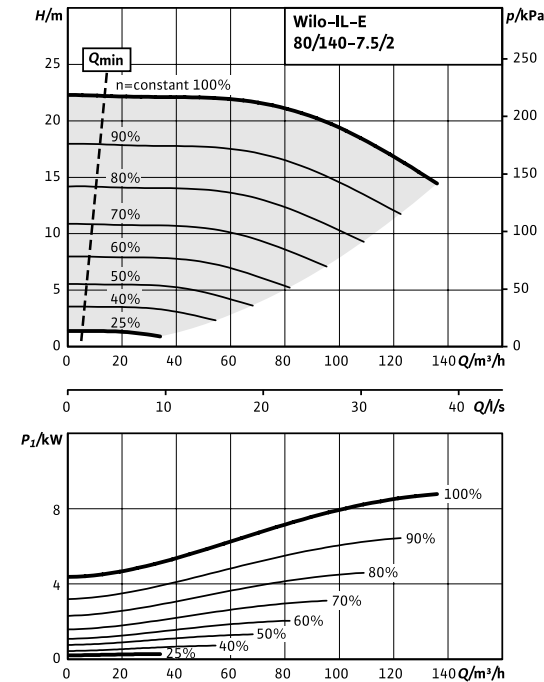
Wilo-IL-E 80/130-5.5/2

2-pole



Wilo-IL-E 80/140-7.5/2

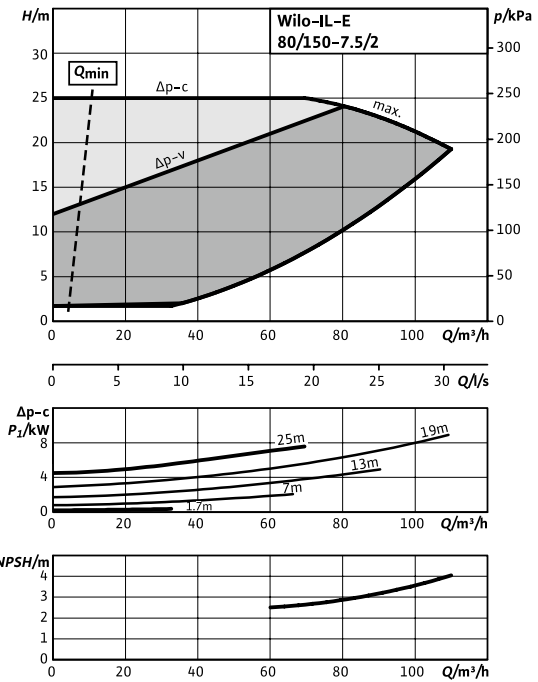
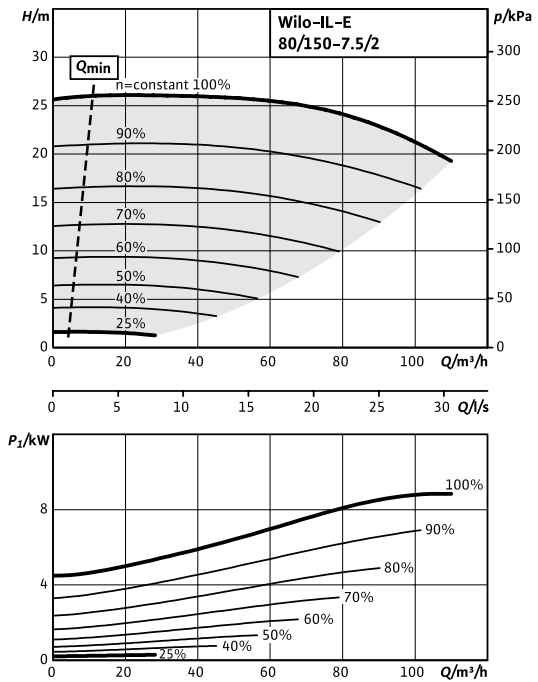
2-pole



Pump curves Wilo-IL-E 性能曲线

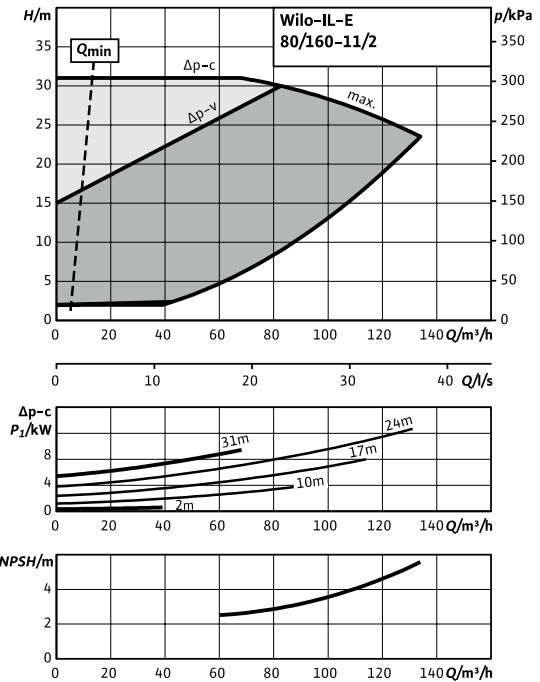
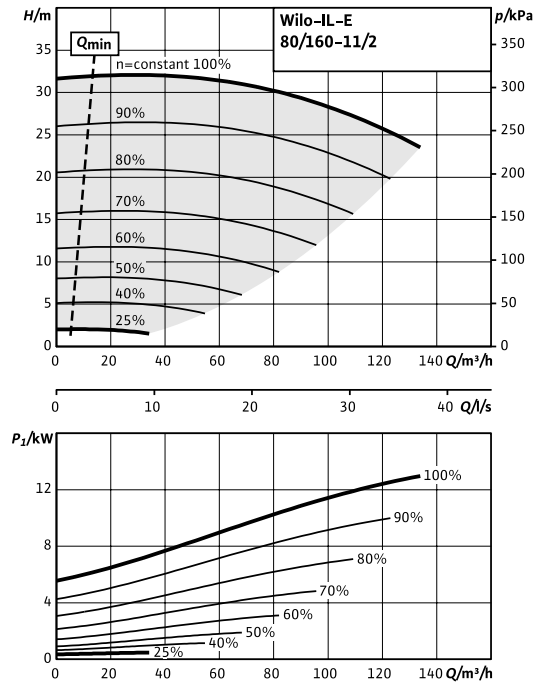
Wilo-IL-E 80/150-7.5/2

2-pole



Wilo-IL-E 80/160-11/2

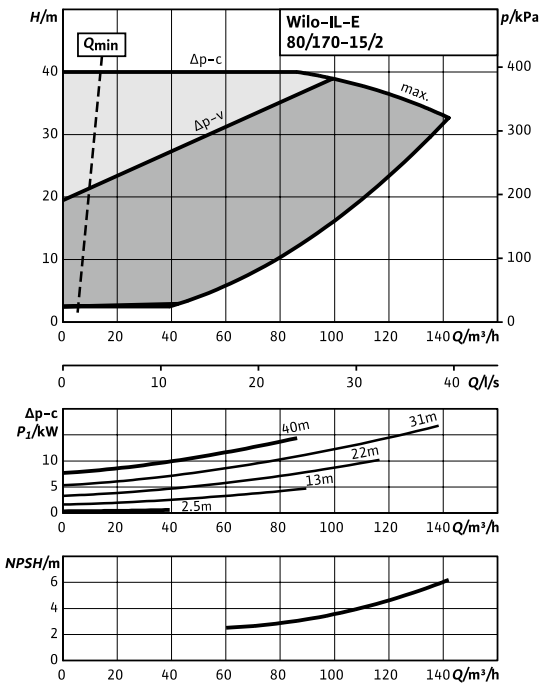
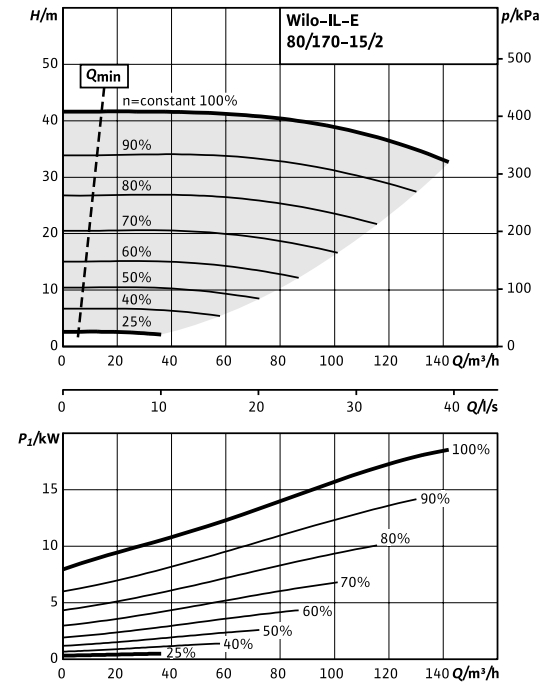
2-pole



Pump curves Wilo-IL-E 性能曲线

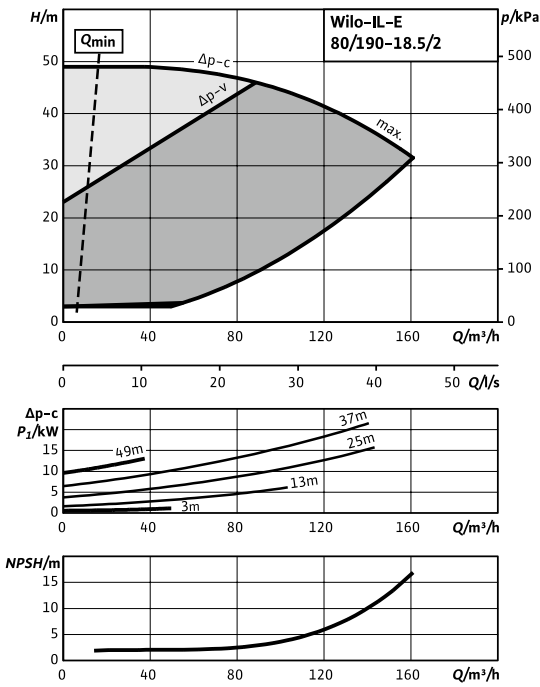
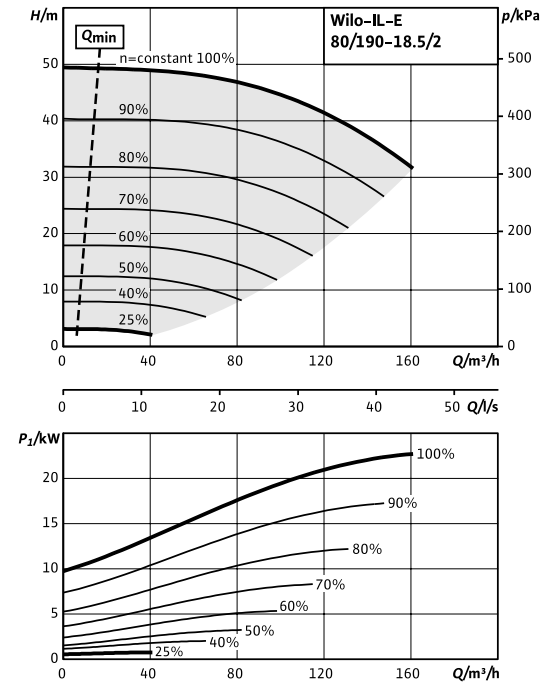
Wilo-IL-E 80/170-15/2

2-pole



Wilo-IL-E 80/190-18.5/2

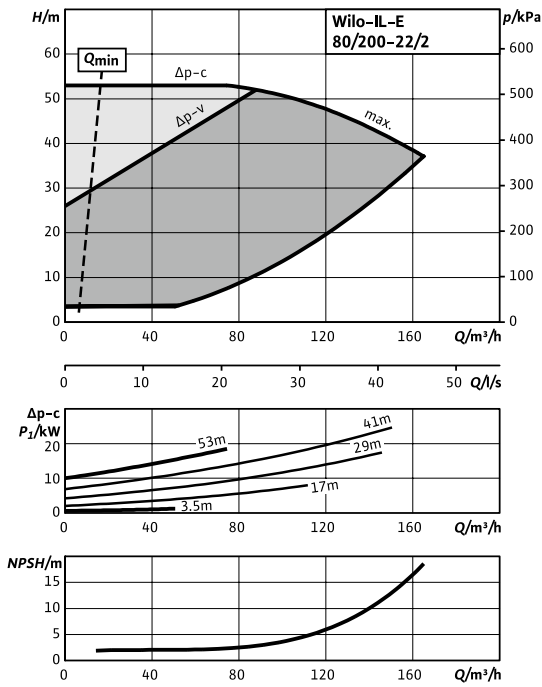
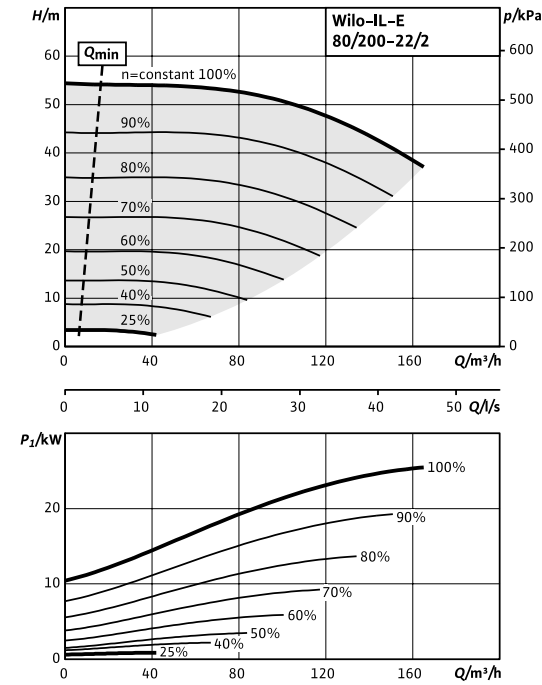
2-pole



Pump curves Wilo-IL-E 性能曲线

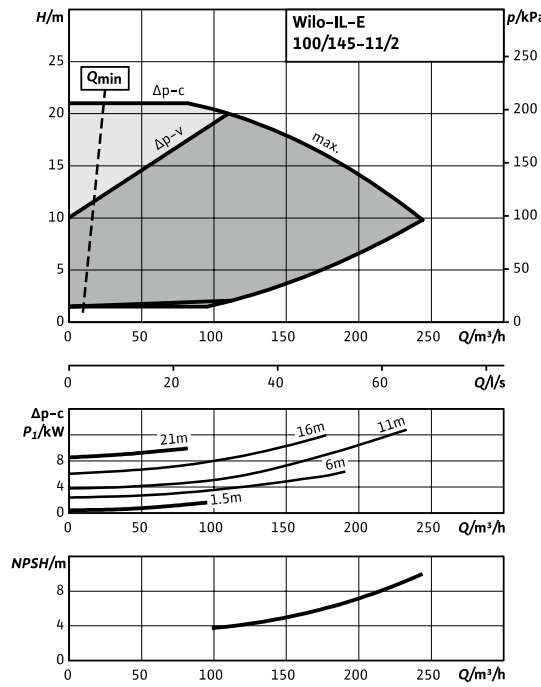
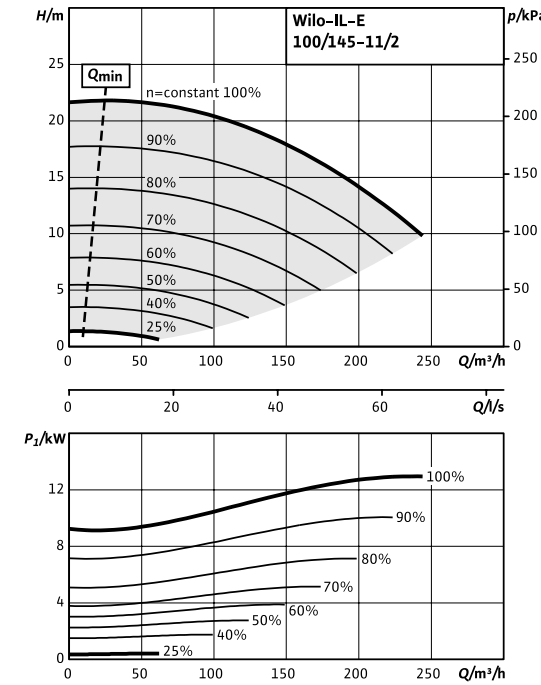
Wilo-IL-E 80/200-22/2

2-pole



Wilo-IL-E 100/145-11/2

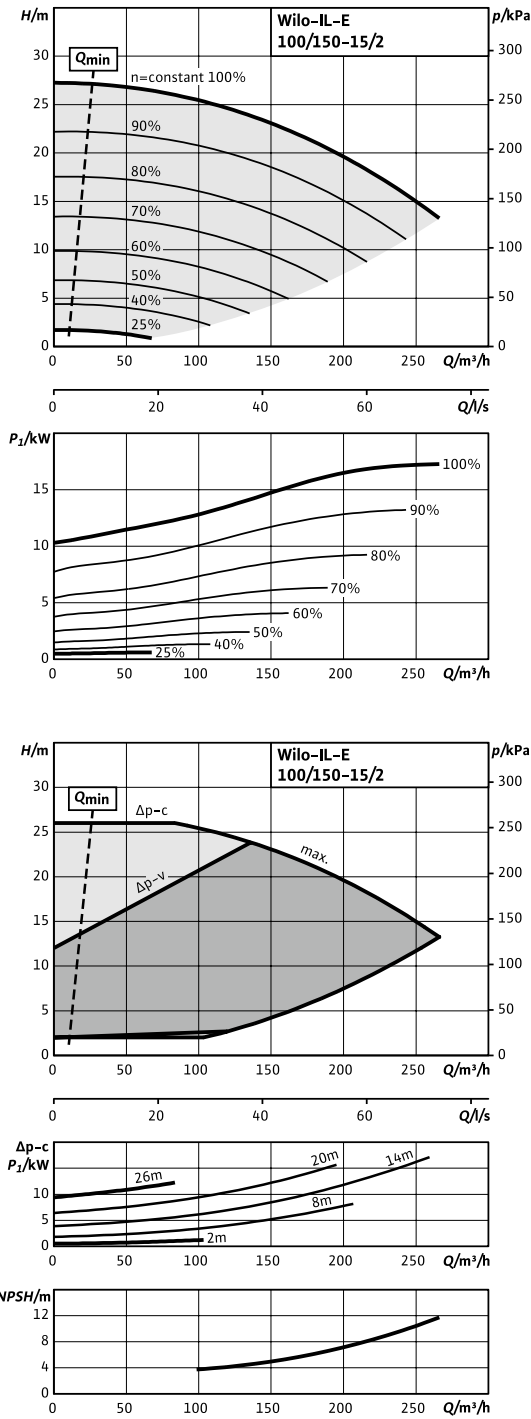
2-pole



Pump curves Wilo-IL-E 性能曲线

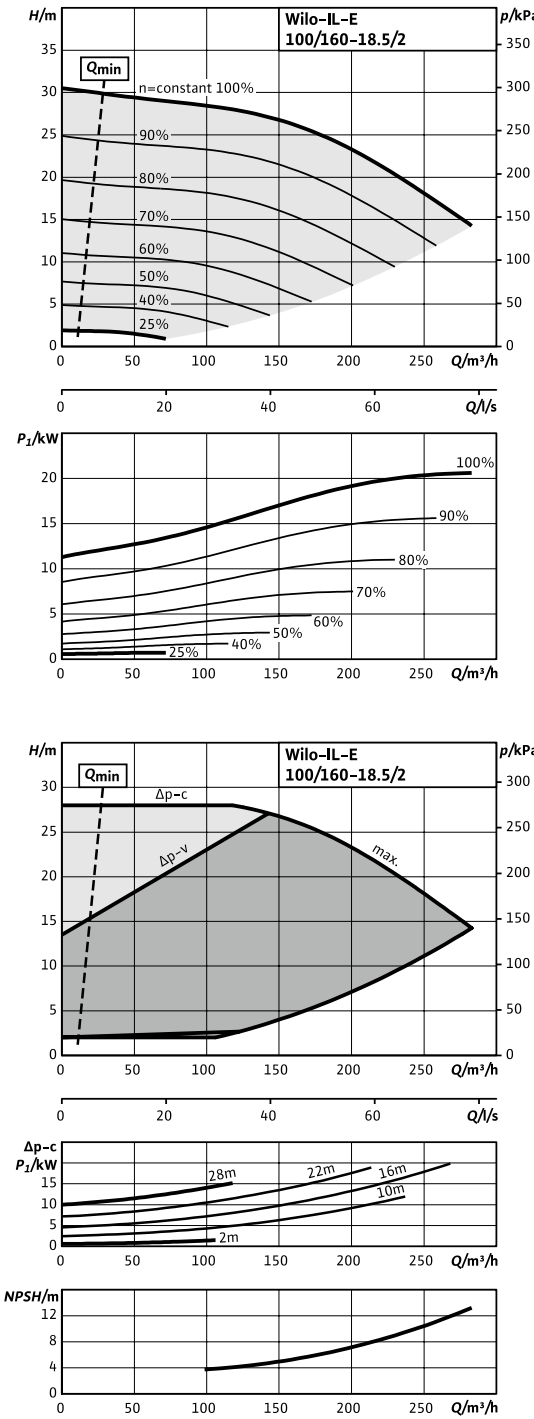
Wilo-IL-E 100/150-15/2

2-pole



Wilo-IL-E 100/160-18.5/2

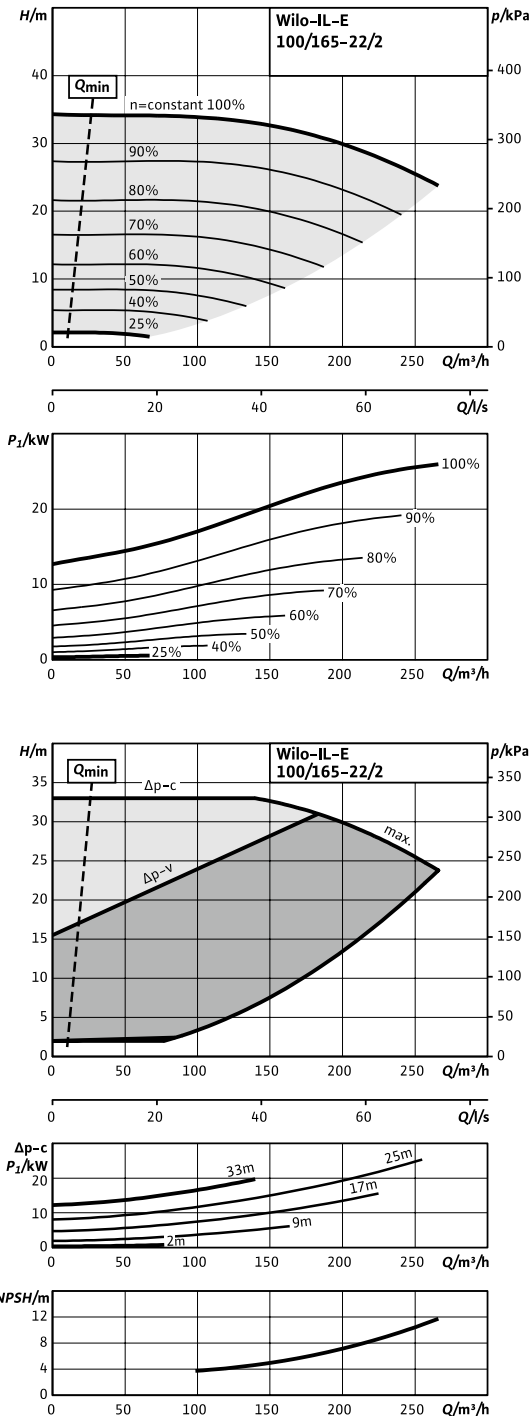
2-pole



Pump curves Wilo-IL-E 性能曲线

Wilo-IL-E 100/165-22/2

2-pole

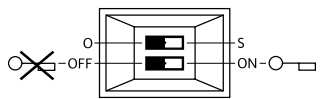
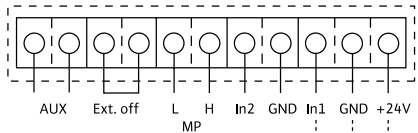
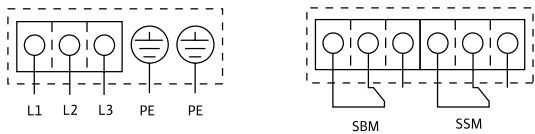


Terminal diagram, motor data Wilo-IL-E

接线图及电机参数

Terminal diagram

连接图



L1, L2, L3: Mains connection: 3~400 VAC/50 Hz; 3~380 VAC/60 Hz
电源 : 3~400 VAC/50 Hz; 3~380 VAC/60 Hz

PE: Protective conductor connection
保护连接导体

DDG: Connection for differential pressure sensor
连接压差传感器

In1 (1): Actual value input 0-10 V/0-20 mA; 2-10 V/4-20 mA
输入信号 0-10 V/0-20 mA; 2-10 V/4-20 mA

GND (2): Ground connection for In1 and In2
信号 1 和 2 连接地线

+24V(3): DC voltage output for an external consumer/sensor.
Max load 60 mA
外部传感器的直流电压输出，最大电流 60 mA

In2: Setpoint input 0-10 V/0-20 mA; 2-10 V/4-20 mA
设置点输入信号 0-10 V/0-20 mA; 2-10 V/4-20 mA

MP: Multi-pump, interface for dual pump management
多级泵，双泵管理接口

Ext. off: “Overriding Off” control input
“关断优先”控制输入
The pump can be switched on or off via an external, potentialfree contact (24 VDC/10 mA).
通过外部的无源触点信号 (24 VDC/10 mA)，对水泵进行启停控制

SBM:* Potential-free collective run signal (changeover contact according to VDI 3814)
无源运行信号（根据 VDI 3814 标准进行转换）

SSM:* Potential-free collective fault signal (changeover contact according to VDI 3814)
无源故障信号（根据 VDI 3814 标准进行转换）

aux: External pump cycling (with dual pump operation only).
Pump cycling can be performed using an external, potential-free contact (24 VDC/10 mA)
外部水泵循环（仅适用于双泵运行）。
使用无源触点信号 (24 VDC/10 mA)，水泵可循环运行

DIP switch: 1: Switchover between operation (O) and service mode (S)
2: Activate/deactivate the menu for access disable

DIP 开关： 1: 运行 (O) 和维护 (S) 模式间的转换开关
2: 禁止访问的激活 / 断开菜单

Option: IF-Module for connection to building automation
选项：IF 模块与 BA 连接

* Load capacity of contacts for SBM and SSM:
* SBM 和 SSM 的载荷能力：
min.: 12 VDC/10 mA
max.: 250 VAC/1 A

Motor data (4-pole)		电机参数 (4 极)		
Wilo-IL-E ...	Nominal motor power	Speed	Maximum power consumption	Nominal current (approx.)
	电机额定功率	转速	最大功耗	额定电流
	P ₂	n	P ₁	I _N 3~400 V
	kW	rpm	kW	A
100/220-5.5/4	5.5	380 - 1450	6.7	10.8
100/250-7.5/4	7.5	380 - 1450	8.9	13.4
100/270-11/4	11	380 - 1450	12.5	19.3
125/210-5.5/4	5.5	380 - 1450	6.7	11.0
125/220-7.5/4	7.5	380 - 1450	8.9	14.0
150/190-5.5/4	5.5	380 - 1450	6.7	10.6
150/200-7.5/4	7.5	380 - 1450	8.9	13.8
150-220-11/4	11	380 - 1450	12.5	20.5
150/250-15/4	15	380 - 1450	18.0	28.0
150/260-18.5/4	18.5	380 - 1450	21.0	32.0
150/270-22/4	22	380 - 1450	24.8	39.2
200/240-15/4	15	380 - 1450	18.0	27.9
200/250-18.5/4	18.5	380 - 1450	21.0	33.3
200/260-22/4	22	380 - 1450	24.8	39.0

Three-phase motor (DM), 4-pole – 3~400V, 50 Hz / 3~380V, 60 Hz
Please observe pump name plate data
三相电机 (DM)，4 极，3~400V，50 Hz/3~380V，60 Hz
请参见水泵电机铭牌参数

Terminal diagram, motor data Wilo-IL-E

接线图及电机参数

Motor data (2-pole)

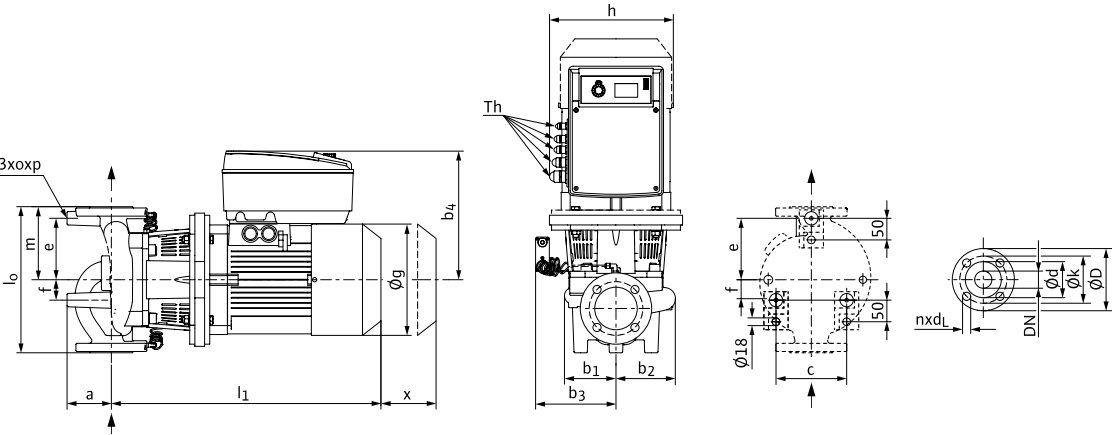
外形尺寸 (2 极)

Wilo- IL-E...	Nominal motor power	Speed	Maximum power consumption	Nominal current (approx.)
	额定电机功率	转速	最大功耗	额定电流
	P ₂	n	P ₁	I _N 3~400 V
	kW	rpm	kW	A
40/170-5.5/2	5.5	750 - 2900	6.7	11.2
40/200-7.5/2	7.5	750 - 2900	8.9	14.6
40/220-11/2	11	750 - 2900	13.0	20.1
50/160-5.5/2	5.5	750 - 2900	6.7	11.0
50/170-7.5/2	7.5	750 - 2900	8.9	14.3
50/180-7.5/2	7.5	750 - 2900	8.9	14.5
50/210-11/2	11	750 - 2900	13.0	20.6
50/220-15/2	15	750 - 2900	18.0	27.6
65/150-5.5/2	5.5	750 - 2900	6.7	11.1
65/160-7.5/2	7.5	750 - 2900	8.9	14.5
65/170-11/2	11	750 - 2900	13.0	19.2
65/200-15/2	15	750 - 2900	18.0	27.1
65/210-18.5/2	18.5	750 - 2900	22.2	33.7
65/220-22/2	22	750 - 2900	25.4	39.5
80/130-5.5/2	5.5	750 - 2900	6.7	11.5
80/140-7.5/2	7.5	750 - 2900	8.9	14.1
80/150-7.5/2	7.5	750 - 2900	8.9	14.5
80/160-11/2	11	750 - 2900	13.0	20.5
80/170-15/2	15	750 - 2900	18.0	29.2
80/190-18.5/2	18.5	750 - 2900	22.2	35.2
80/200-22/2	22	750 - 2900	25.4	39.7
100/145-11/2	11	750 - 2900	13.0	20.6
100/150-15/2	15	750 - 2900	18.0	27.1
100/160-18.5/2	18.5	750 - 2900	22.2	32.7
100/165-22/2	22	750 - 2900	25.4	40.0

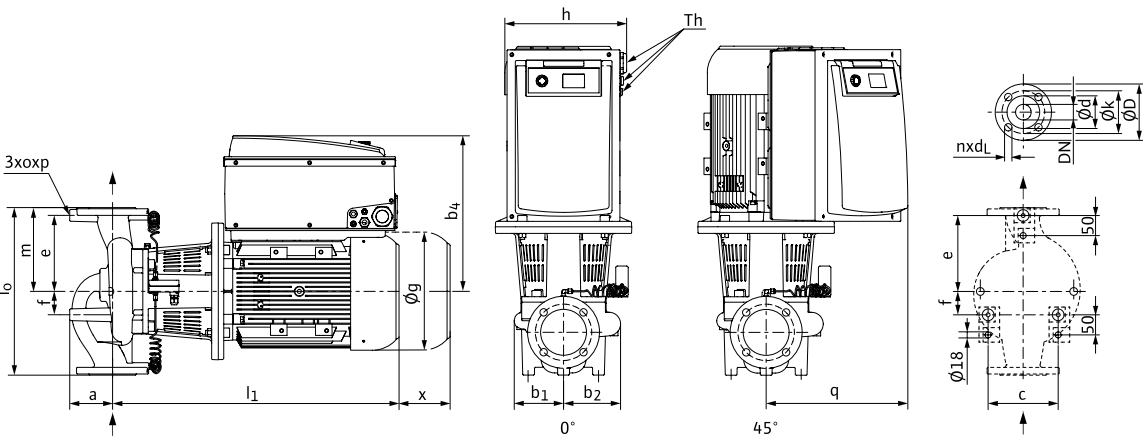
Three-phase motor (DM), 2-pole – 3~400V, 50 Hz / 3~380V, 60 Hz
Please observe pump name plate data
三相电机 (DM)，2 极，3~400V，50 Hz / 3~380V，60 Hz
请参见电机铭牌参数

Dimensions, weights Wilo-IL-E 外形尺寸及重量

Dimension drawing A 外形尺寸图 A



Dimension drawing B 外形尺寸图 B



Dimensions, weights (4-pole) 外形尺寸及重量 （4 极）																					
Wilo- IL-E...	Nominal flange diameter 公称法 兰直径	Overall length 总长度	Dimensions 外形尺寸															Thread- ed cable connec- tion 螺纹 连接	Weight approx 重量	Dimen- sion drawing 外形 尺寸图	
	DN	l ₀	a	b ₁	b ₂	b ₃	b ₄	c	e	f	Ø g	h	l ₁	m	o	p	q	x	Th	m	
	mm																mm				kg
100/220-5.5/4	100	550	155	173	202	224	303	220	231	99	266	260	836	255	M12	20	–	120	1xM12 2xM16 1xM20 1xM25	139	A
100/250-7.5/4	100	550	180	188	214	242	303	240	236	114	266	260	849	260	M12	20	–	120	1xM20 1xM25	158	A
100/270-11/4	100	550	180	188	214	–	427	240	236	114	302	320	749	260	M12	20	–	120	2xM12 1xM16 1xM20 1xM40	220	B
125/210-5.5/4	125	620	175	177	212	224	303	280	266	54	266	260	849	280	M16	25	–	120	1xM12 2xM16 1xM20 1xM25	153	A
125/220-7.5/4	125	620	175	177	212	224	303	280	266	54	266	260	841	280	M16	25	–	120		162	A
150/190-5.5/4	150	700	200	202	249	224	303	260	284	116	266	260	861	310	M16	25	–	130		185	A
150/200-7.5/4	150	700	200	202	249	224	303	260	284	116	266	260	861	310	M16	25	–	130		192	A

Dimensions, weights Wilo-IL-E 外形尺寸及重量

Dimensions, weights (4-pole) 外形尺寸及重量 （4 极）																					
Wilo- IL-E...	Nominal flange diameter 公称法 兰直径	Overall length 总长度	Dimensions 外形尺寸															Thread- ed cable connec- tion 螺纹 连接	Weight approx 重量	Dimen- sion drawing 外形 尺寸图	
	DN	l ₀	a	b ₁	b ₂	b ₃	b ₄	c	e	f	Ø g	h	l ₁	m	o	p	q	x	Th	m	
	mm														mm				kg		
150-220-11/4	150	700	200	202	249	–	427	260	284	116	302	320	774	310	M16	25	–	130	2xM12 1xM16 1xM20 1xM40	253	B
150/250-15/4	150	700	230	278	320	–	427	288	304	146	302	320	793	330	M16	25	–	135		323	B
150/260-18.5/4	150	700	230	278	320	–	475	288	304	146	370	320	854	330	M16	25	–	135		344	B
150/270-22/4	150	700	230	278	320	–	475	288	304	146	370	320	854	330	M16	25	–	135		358	B
200/240-15/4	200	800	245	281	362	–	427	330	270	165	302	320	818	370	M16	25	–	140		384	B
200/250-18.5/4	200	800	245	281	362	–	475	330	270	165	370	320	879	370	M16	25	–	140		406	B
200/260-22/4	200	800	245	281	362	–	475	330	270	165	370	320	879	370	M16	25	–	140		420	B

Dimensions, weights (2-pole) 外形尺寸及重量 （2 极）																					
Wilo- IL-E...	Nominal flange diameter 公称法 兰直径	Overall length 总长度	Dimensions 外形尺寸															Thread- ed cable connec- tion 螺纹 连接	Weight approx 重量	Dimen- sion drawing 外形 尺寸图	
	DN	l ₀	a	b ₁	b ₂	b ₃	b ₄	c	e	f	Ø g	h	l ₁	m	o	p	q	x	Th	m	
			mm												mm				kg		
40/170-5.5/2	40	340	82	113	129	186	303	130	149	58	266	260	803	170	M10	20	–	95	1xM12 2xM16 1xM20 1xM25	91	A
40/200-7.5/2	40	440	110	145	149	224	303	180	172	78	266	260	808	190	M10	20	–	100	1xM16 1xM20 1xM12 2xM16	108	A
40/220-11/2	40	440	110	145	149	–	427	180	172	78	302	320	721	190	M10	20	–	100	1xM16 1xM20 1xM12 2xM16	172	B
50/160-5.5/2	50	340	103	120	138	186	303	164	143	48	266	260	810	170	M10	20	–	100	1xM20 1xM25 2xM12 1xM16	95	A
50/170-7.5/2	50	340	103	120	138	186	303	164	143	48	266	260	810	170	M10	20	–	100	1xM20 1xM16 1xM20 1xM40	99	A
50/180-7.5/2	50	440	120	145	150	215	303	160	170	70	266	260	809	190	M10	20	–	100	1xM12 2xM16 1xM20 1xM40	112	A
50/210-11/2	50	440	120	145	150	–	427	160	170	70	302	320	722	190	M10	20	–	100	1xM12 2xM16 1xM20 1xM25	175	B
50/220-15/2	50	440	120	145	150	–	427	160	170	70	302	320	722	190	M10	20	–	100	1xM12 2xM16 1xM20 1xM25	183	B
65/150-5.5/2	65	430	110	126	146	186	303	180	195	60	266	260	816	215	M12	20	–	120	1xM12 2xM16 1xM20 1xM25	92	A
65/160-7.5/2	65	430	110	126	146	186	303	180	195	60	266	260	816	215	M12	20	–	120	1xM12 2xM16 1xM20 1xM25	105	A
65/170-11/2	65	430	110	126	146	–	–	180	195	60	302	320	738	215	M12	20	416	120	2xM12 1xM16 1xM20 1xM40	162	B
65/200-15/2	65	475	130	150	168	–	427	200	225	50	302	320	731	245	M12	20	–	110	1xM12 2xM16 1xM20 1xM25	189	B
65/210-18.5/2	65	475	130	150	168	–	427	200	225	50	302	320	731	245	M12	20	–	110	1xM12 2xM16 1xM20 1xM25	198	B
65/220-22/2	65	475	130	150	168	–	427	200	225	50	302	320	731	245	M12	20	–	110	1xM12 2xM16 1xM20 1xM25	214	B
80/130-5.5/2	80	400	105	123	151	171	303	180	173	57	266	260	831	200	M12	20	–	120	1xM12 2xM16 1xM20 1xM25	100	A
80/140-7.5/2	80	400	105	123	151	171	303	180	173	57	266	260	814	200	M12	20	–	120	1xM12 2xM16 1xM20 1xM25	104	A
80/150-7.5/2	80	440	120	136	162	186	303	180	173	72	266	260	813	200	M12	20	–	120	1xM12 2xM16 1xM20 1xM25	112	A

Dimensions, weights Wilo-IL-E 外形尺寸及重量

Dimensions, weights (2-pole) 外形尺寸及重量（2 极）																						
Wilo- IL-E...	Nominal flange diameter 公称法 兰直径	Overall length 总长度	Dimensions 外形尺寸																Thread- ed cable connec- tion 螺纹连接	Weight approx. 重量	Dimension drawing 外形尺寸图	
	DN	l ₀	a	b ₁	b ₂	b ₃	b ₄	c	e	f	Ø g	h	l ₁	m	o	p	q	x	Th	m		
			mm													mm				kg		
80/160-11/2	80	440	120	136	162	–	–	180	173	72	302	320	735	200	M12	20	416	120	2xM12 1xM16 1xM20 1xM40	169	B	
80/170-15/2	80	440	120	136	162	–	–	180	173	72	302	320	735	200	M12	20	416	120		176	B	
80/190-18.5/2	80	500	145	157	182	–	427	220	208	62	302	320	739	230	M12	20	–	120		203	B	
80/200-22/2	80	500	145	157	182	–	427	220	208	62	302	320	739	230	M12	20	–	120		220	B	
100/145-11/2	100	500	120	159	197	–	–	200	226	60	302	320	770	250	M12	20	416	135		182	B	
100/150-15/2	100	500	120	159	197	–	–	200	226	60	302	320	770	250	M12	20	416	135		189	B	
100/160-18.5/2	100	500	120	159	197	–	–	200	226	60	302	320	770	250	M12	20	416	135		197	B	
100/165-22/2	100	500	120	159	197	–	–	200	226	60	302	320	770	250	M12	20	416	135		214	B	

Flange dimensions		法兰尺寸			
Wilo- IL-E...	Nominal flange diameter 公称法兰直径	Pump flange dimensions 水泵法兰尺寸			
	DN	Ø d		Ø k	n x Ø d _L
		mm			pcs. x mm
40...	40	150	84	110	4 x 19
50...	50	165	99	125	4 x 19
65...	65	185	118	145	4 x 19
80...	80	200	132	160	8 x 19
100...	100	220	156	180	8 x 19
125...	125	250	184	210	8 x 19
150...	150	285	211	240	8 x 23
200...	200	340	266	295	12 x 23

Pump flange dimensions – according to EN 1092-2 PN 16, n = number of drilled holes
水泵法兰尺寸—根据 EN 1092-2 标准 PN 16, n = 钻孔数量

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