

APPLICATION

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers.

Structurally, they are horizontal multistage pumps with unilateral disposition of the impellers; they are classed into single-body and two-body kinds.

The type PE 65-40, PE 65-53, PE 150-53, PE 150-63 six-stage single-body pumps are designed for boilers with the steam pressure of 40 kgf/cm². The flow part is made of cast iron SCh20.

The type PE 90-180, PE 90-110 are designed for supplying feed water to steam-generating units used in working oil fields by steam action on productive oil pools in order to heighten efficiency and yield of mining.



DESCRIPTION

The shaft is supported by two water-cooled sliding bearings. Water cooling of stuffing boxes is incorporated in the design. Water is delivered into the sealing unit to condense the vapors of the pumped liquid that might infiltrate through the seal.

The axial force exercised on the shaft is taken by a balancing ring that is made of inoculated cast iron.

To find out technical characteristics of the model you need, just click on the mark of the pump

The mark of the pump	Flow, m ³ /h	Head, m	The mark of the pump	Flow, m ³ /h	Head, m
PE 65-28	65	290	PE 150-63	150	700
PE 65-53	65	580	PE 160-140	160	1400
PE 90-110	90	1100	PE 380-185-5	380	2030
PE 90-180	90	1900	PE 380-200-5	380	2190
PE 100-32	100	330	PE 580-185-5	580	2030
PE 100-53	100	580	PE 580-195-5	580	2150
PE 150-53	150	580	PE 600-600-4	600	3290

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers.

Structurally, they are horizontal sectional pumps.

Six stage single casing pumps PE 65-40, PE 65-53, PE 150-53 and PE 150-63 are designed for the for boilers with the steam pressure of 40 kgf/cm².

Flow rate, m ³ /h	65
Head, m	290
Power, kW	110
Height of self-suction, m	-
Frequency, rpm	2940

PE 65-53

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers.

Structurally, they are horizontal sectional pumps.

Six stage single casing pumps PE 65-40, PE 65-53, PE 150-53 and PE 150-63 are designed for the for boilers with the steam pressure of 40 kgf/cm².

Flow rate, m ³ /h	65
Head, m	580
Power, kW	200
Height of self-suction, m	-
Frequency, rpm	2965

The feeding pumps type PE 90-180, PE 90-110 are designed for for supplying feed water with temperatures up to 145°C to steam-generating units used in working oil fields by steam action on productive oil pools in order to heighten efficiency and yield of mining.

The intake pressure is not more that 7kgf/cm².

Flow rate, m ³ /h	90
Head, m	1100
Power, kW	500
Height of self-suction, m	-
Frequency, rpm	2970

PE 90-180

The feeding pumps type PE 90-180, PE 90-110 are designed for for supplying feed water with temperatures up to 145°C to steam-generating units used in working oil fields by steam action on productive oil pools in order to heighten efficiency and yield of mining.

The intake pressure is not more that 7kgf/cm².

Flow rate, m ³ /h	90
Head, m	1900
Power, kW	800
Height of self-suction, m	-
Frequency, rpm	2979

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers. Structurally, they are horizontal sectional pumps.

Six stage single casing pumps PE 65-40, PE 65-53, PE 150-53 and PE 150-63 are designed for the for boilers with the steam pressure of 40 kgf/cm².

Flow rate, m ³ /h	100
Head, m	330
Power, kW	160
Height of self-suction, m	-
Frequency, rpm	2960

PE 100-53

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers. Structurally, they are horizontal sectional pumps.

Six stage single casing pumps PE 65-40, PE 65-53, PE 150-53 and PE 150-63 are designed for the for boilers with the steam pressure of 40 kgf/cm².

Flow rate, m ³ /h	100
Head, m	580
Power, kW	315
Height of self-suction, m	-
Frequency, rpm	2

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers.

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Six stage single casing pumps PE 65-40, PE 65-53, PE 150-53 and PE 150-63 are designed for the for boilers with the steam pressure of 40 kgf/cm².

Flow rate, m ³ /h	150
Head, m	580
Power, kW	500
Height of self-suction, m	-
Frequency, rpm	2980

PE 150-63

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers.

Structurally, they are horizontal sectional pumps.

Six stage single casing pumps PE 65-40, PE 65-53, PE 150-53 and PE 150-63 are designed for the for boilers with the steam pressure of 40 kgf/cm².

Flow rate, m ³ /h	150
Head, m	700
Power, kW	500
Height of self-suction, m	-
Frequency, rpm	2980

Type PE 160-140M pump is nine stage, double-casing, sectional, friction bearing with water lubrication.

It is designed for feeding steam boilers with temperatures up to 160°C. The seal of the shaft is a face-end gasket. The intake pressure is not more than 10kgf/cm².

Flow rate, m ³ /h	160
Head, m	1400
Power, kW	1000
Height of self-suction, m	-
Frequency, rpm	2900

PE 380-185-5

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers with waorking steam pressure up to 140 kgf/cm². The intake pressure is not more than 10kgf/cm².

The pumps with flow 380 and 580 m³/h can be used with or without fluid coupling.

Flow rate, m ³ /h	380
Head, m	2030
Power, kW	3150
Height of self-suction, m	-
Frequency, rpm	2975

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers with waorking steam pressure up to 140 kgf/cm². The intake pressure is not more that 10kgf/cm².

The pumps with flow 380 and 580 m³/h can be used with or without fluid coupling.

Flow rate, m ³ /h	380
Head, m	2190
Power, kW	3150
Height of self-suction, m	-
Frequency, rpm	2975

PE 580-185-5

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers with waorking steam pressure up to 140 kgf/cm². The intake pressure is not more that 10kgf/cm².

The pumps with flow 380 and 580 m³/h can be used with or without fluid coupling.

Flow rate, m ³ /h	580
Head, m	2030
Power, kW	5000
Height of self-suction, m	-
Frequency, rpm	2985

The type PE feeding pumps provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers with working steam pressure up to 140 kgf/cm². The intake pressure is not more than 10kgf/cm².

The pumps with flow 380 and 580 m³/h can be used with or without fluid coupling.

Flow rate, m ³ /h	580
Head, m	2150
Power, kW	5000
Height of self-suction, m	-
Frequency, rpm	2985

PE 600-600-4

The type PE feeding pumps with flow 600m³/h provide delivery of water with temperatures of 165°C or less into drum and once-through steam boilers with working steam pressure up to 255 kgf/cm². The intake pressure is not more than 22,3 kgf/cm².

The pumps must be used only with fluid coupling

Flow rate, m ³ /h	600
Head, m	3290
Power, kW	8000
Height of self-suction, m	-
Frequency, rpm	6300

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