

In-Line Circulator Pump

TK65

Applications

- District heating system
- District cooling system
- Air-conditioning system
- Water supply
- Industrial processes
- Industrial cooling
- Pressure boosting system

Operation conditions

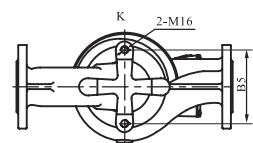
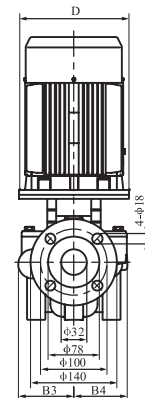
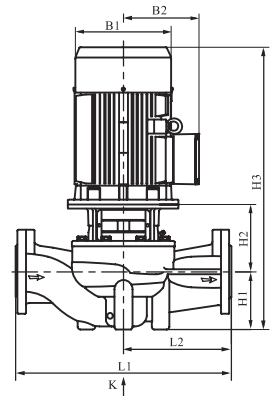
- Liquid temperature:
normal temperature type: $-15^{\circ}\text{C}\sim+70^{\circ}\text{C}$
hot water type: $-15^{\circ}\text{C}\sim+110^{\circ}\text{C}$
- Ambient temperature: maximum $+40^{\circ}\text{C}$
- Operation pressure: normal type 12 bar

Motor

- Fitted with a totally enclosed, fan-cooled, 2-pole motor
- Enclosure class: IP55
- Insulation class: F
- Supply voltage: 50Hz or 60Hz

Material

- Inlet&outlet chamber:HT200
- Impeller:HT200/ Stainless steel(304)
- Pump head: HT200
- Shaft: Stainless steel(304/316)
- Mechanical seal: Graphite/SIC



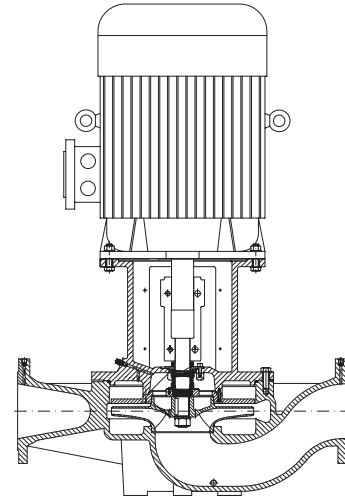
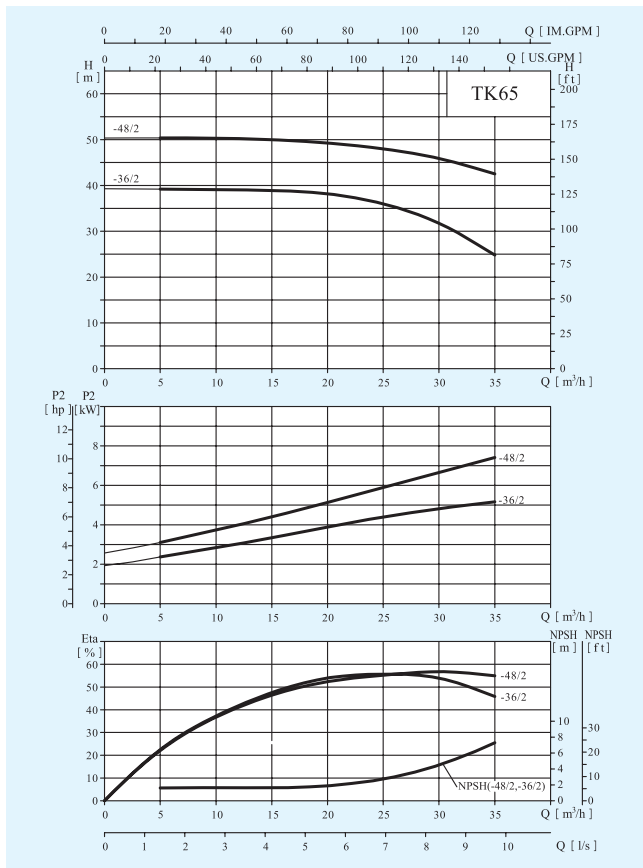
Performance Table

Model	Associated Motor(kW)	Q (m ³ /h)	5	10	15	20	25	30	35
TK65-36/2	5.5	H (m)	39.2	39.1	38.9	38.2	36	31.8	24.8
TK65-48/2	7.5		50.4	50.3	50	49.3	48	45.9	42.5

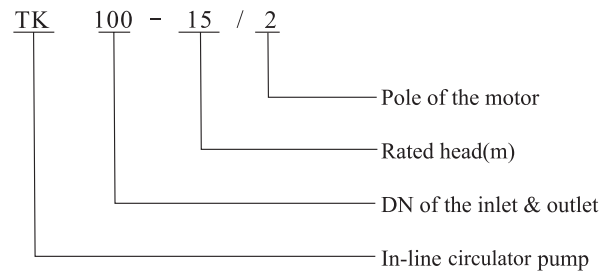
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Performance Curves



TK



Dimension&Weight

Model	Specification[mm]											Net Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TK65-36/2	200	260	208	128	128	144	105	209	696	400	200	87
TK65-48/2	200	260	208	128	128	144	105	209	696	400	200	91