

In-Line Circulator Pump

TK80

Applications

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

Operation conditions

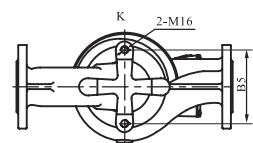
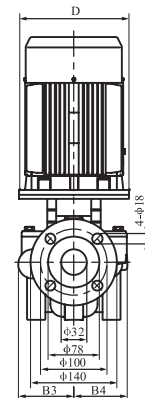
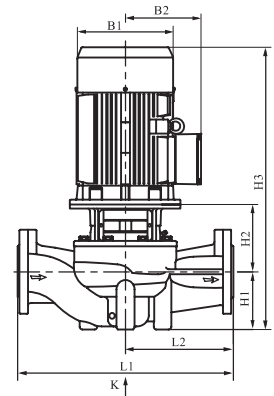
- Liquid temperature:
normal temperature type: $-15^{\circ}\text{C}\sim+70^{\circ}\text{C}$
hot water type: $-15^{\circ}\text{C}\sim+110^{\circ}\text{C}$
- Ambient temperature: maximum $+40^{\circ}\text{C}$
- Operation pressure: normal type 12 bar

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



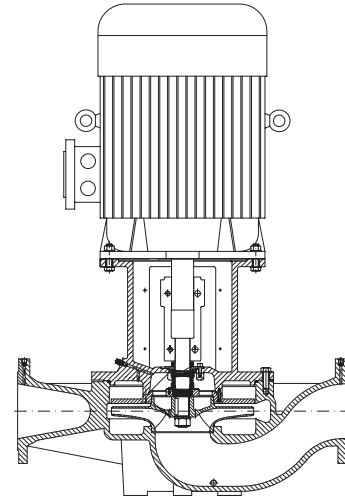
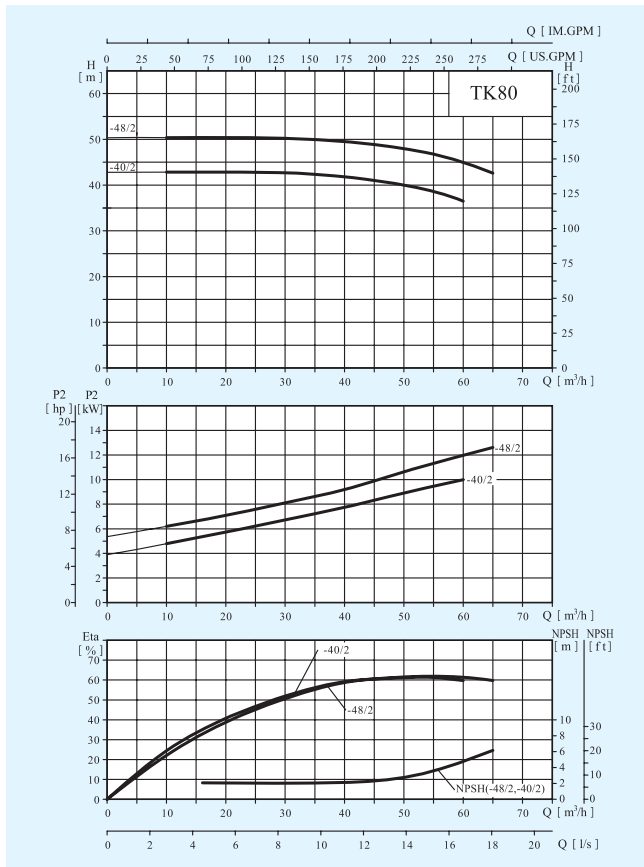
Performance Table

Model	Associated Motor(kW)	Q (m ³ /h)	10	20	30	40	50	60	65
TK 80-40/2	11	H (m)	42.8	42.8	42.7	41.8	40	36.5	
TK 80-48/2	15		50.4	50.4	50.2	49.5	48	45	42.6

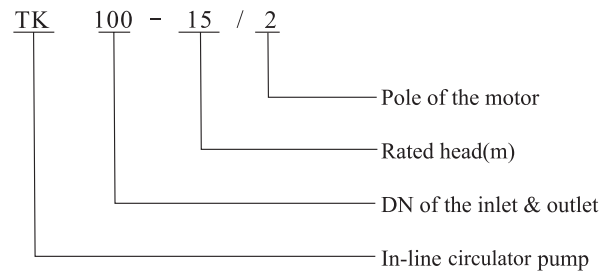
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Performance Curves



TK



Dimension&Weight

Model	Specification[mm]											Net Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TK80-40/2	350	330	255	137	128	144	115	235	855	500	250	170
TK80-48/2	350	330	255	137	128	144	115	235	855	500	250	181