

TCM Series

Single-stage Centrifugal Pumps

PRODUCT CATALOGUE



PRODUCT OVERVIEW

Single-stage impeller

Product Description

TCM is a high-efficiency, single-stage centrifugal pump. It is compact in structure and easy to operate and maintain. It is suitable for both domestic and industrial applications to convey clean water and non-aggressive chemical liquids. It can be used for water supply for villas, hotels, and garden irrigation.

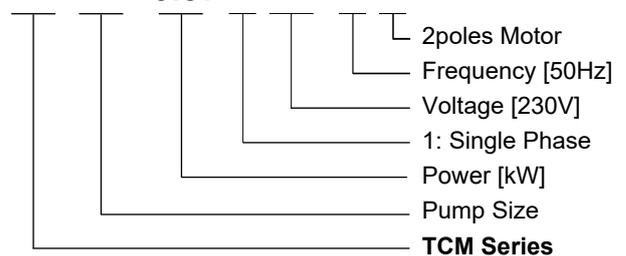


Material

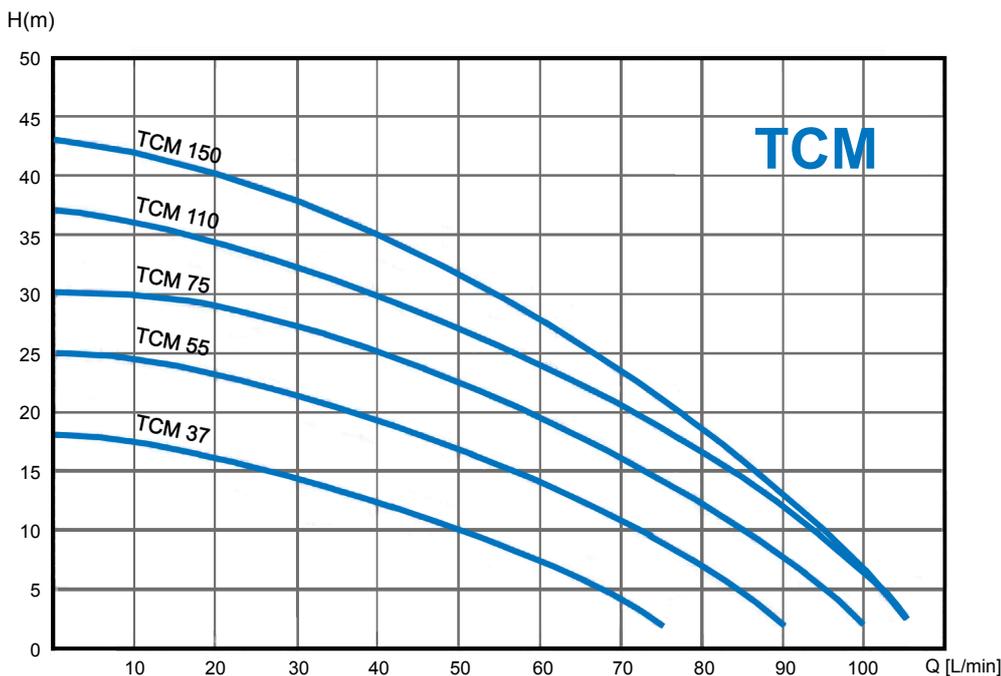
- Pump body: cast Iron
- Impeller: brass (stainless steel is optional)
- Shaft: steel / stainless steel
- Motor housing: aluminum
- Mech seal: ceramic steatite/metalized carbon

Model Description

TCM 37 / 0.37-1-230-50-2



Performance Curve



PRODUCT OVERVIEW

Efficient & Reliable

Operating Data

- Medium: clean water or non-aggressive chemical liquid (free of solids or fiber)
- Max. Liquid Temp: 80 °C
- Max. Ambient Temp: 40 °C
- Max. pressure: 10 bar
- Max. Suction: 9 m

Key Features

- High-efficiency and Power-saving
- Compact in structure
- Easy to operate and maintain
- Can achieve pressure and flow with minimum losses due to the hydrodynamic closed impeller.

Motor

- Insulation Class: F
- Protection Class: IP54
- Continuously rated
- Externally ventilated
- 1ph x 220-240V-50Hz (60Hz is optional)



Technical Data

Model	Power		Q [l/min]	0	20	40	60	75	80	90	100	105
	[kW]	[hp]		H [m]								
TCM 37	0.37	0.5		18	16	12	8	2				
TCM 55	0.55	0.75		25	23	19	14	9	7	2		
TCM 75	0.75	1		30	28	25	20	14	12	8	2	
TCM 110	1.1	1.5		37	34	30	24	18	17	12	7	3
TCM 150	1.5	2		43	40	35	28	21	19	13	7	3

Model	Inlet Size	Outlet Size	Weight [kg]	Package Dimensions [mm]
TCM 37	1"	1"	9	295x195x240
TCM 55	1"	1"	13	330x210x265
TCM 75	1"	1"	14	330x210x265
TCM 110	1" or 1¼"	1"	19	380x255x320
TCM 150	1" or 1¼"	1"	20	380x255x320

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