

Application

TCM15 rotary tank washer is suitable for 3D cleaning of medium to large sized tanks, vessel or machines. It is commonly used in beer industry, petroleum, beverage, fuel ethanol, chemical, industrial fermentation, marine and where a high cleaning performance is required.

Working principle

This series of tank washer drives the impeller through cleaning liquid and drives the transmission mechanism. The speed of rotation is regulated by the worm gear reduction mechanism. Operate according to the set trajectory to realize revolution and rotation, so as to realize 360° coverage cleaning.

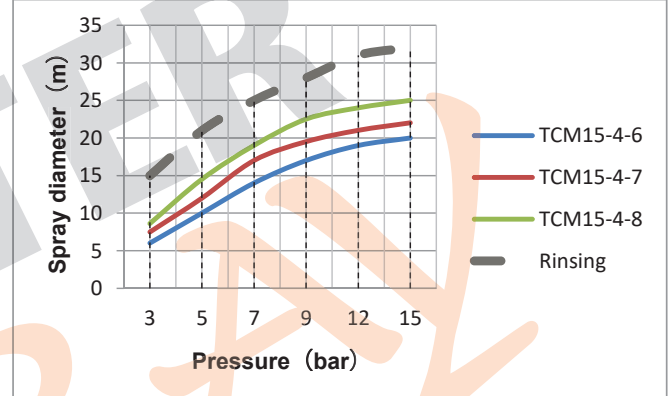
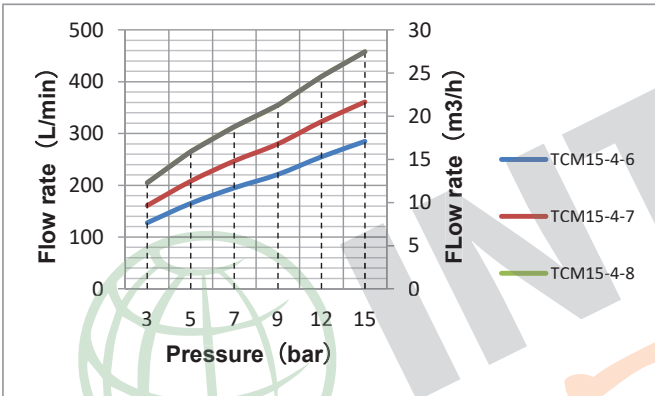
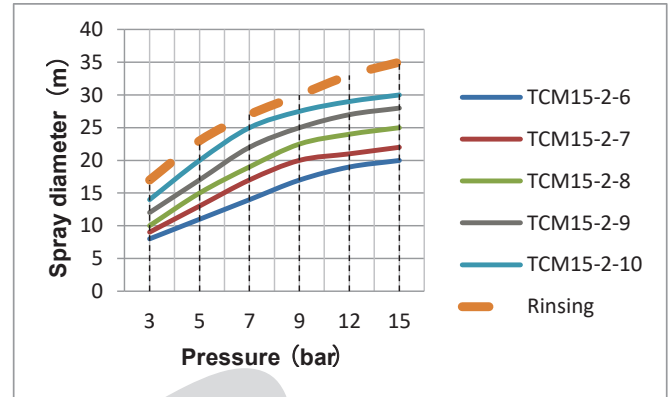
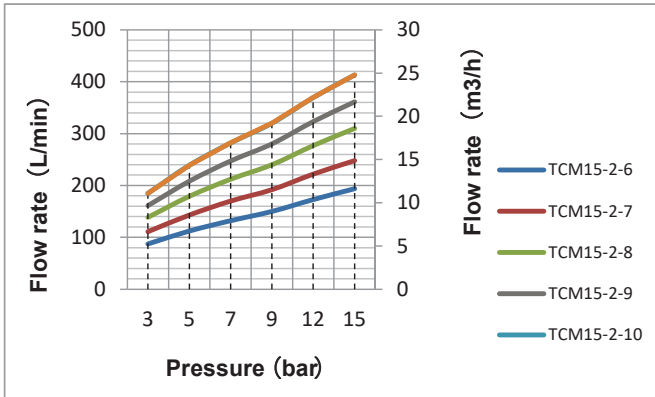
Performance data

Material	:	316L SS, PEEK, EPDM
Spray angle	:	360°
Max. cleaning diameter	:	35 m
Tank openings	:	165 mm
Operating Pressure	:	2-30 bar
Max. operating temperature	:	95°C
Connection	:	1-1/2" BSPP (NPT thread on request)

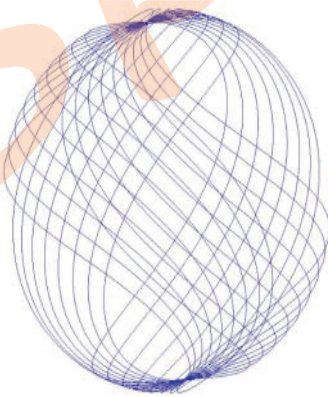
Design feature:

Optimized structural design results in a water jet that produces greater impact. Sturdy and durable, long service life, easy to maintain. Optimized cycle time, lower liquid consumption and lower energy costs. Design for automatic cleaning of medium and large sized tank.

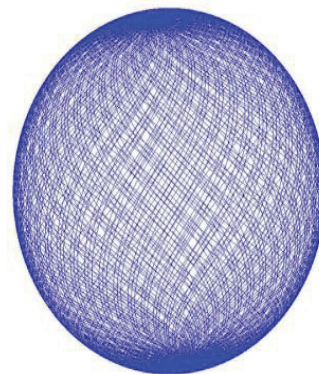
Performance curve:



Simulation of cleaning process:



First Cycle



Full pattern

How to order (Example)

TCM15

Model

2

Nozzle qty

8

Orifice

360°

Spray angle

316L SS

Material

1 1/2" BSPP

Connection