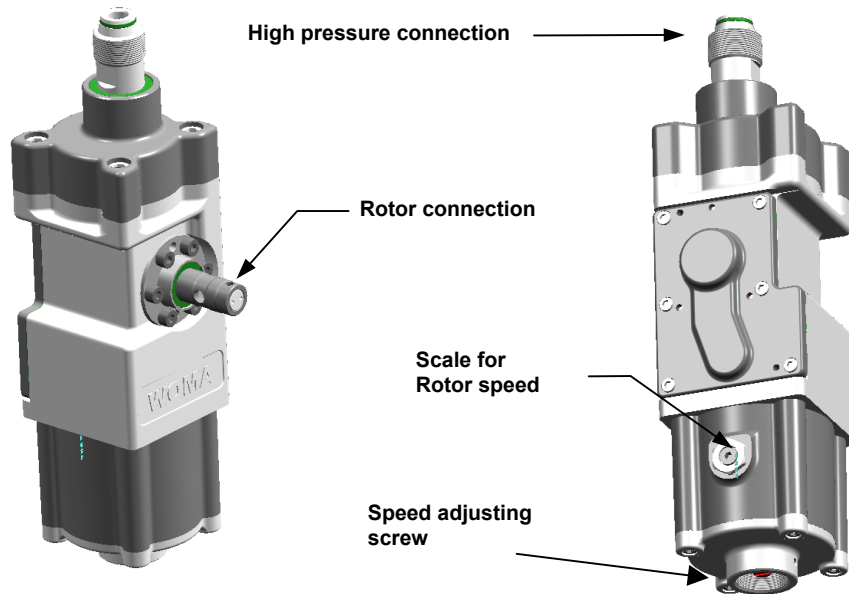


Cleaning System TankMaster[®]

TM 1250



Description:

The cleaning system TM 1250 is a highly efficient water tool for cleaning the interior of tanks, containers, vessels and autoclaves in the chemical industry.

The TankMaster can be customized to your tank sizes with different rotor options and extension arms.

Special characteristics:

Optimization of cleaning results due to special gear drive design.

Proven sealing system, hardened gears and the use of a slipping clutch make this a long life nozzle.

Easily adjustable magnetic brake system allows control over rotational speed.

Housing and parts under high pressure made of stainless steel.

Technical data:

Part-No.:	342.0088
Operating pressure :	max. 1250 bar
Medium temperature:	max. + 95°C
Weight without rotor:	appr. 20 kg
Nominal width:	15 mm
Nominal flow rate:	appr. 250 l/min
Recommended nozzles:	Form 4
No. of nozzles:	2 pieces
Rotor speed:	5 up to 40 1/min
Height:	appr. 457 mm
Smallest required opening diameter:	φ 190 mm

Cleaning System TankMaster®

TM 1250 – Components

Stabilizing pipe with hose connection		
Part-No.	Thread	Length mm
010.9175	M 36x2 24° DK	500
010.9941	M 36x2 24° DK	1000
010.9332	M 42x2 24° DK	500
011.4648	M 24x1,5 24° DK	500
011.4649	M 24x1,5 24° DK	1000






HP - Hose connection		
Part-No.	Thread	Nominal DN mm
180.2441	M 36x2 24°DK	20
180.2442	M 42x2 24°DK	25
180.2053	M 24x1,5 24°DK	12
180.2105	M 22x1,5 24°DK	12
180.2054	M 22x1,5 60°DK	12
180.2056	M 30x1,5 60°DK	20
180.2055	M 38x1,5 60°DK	25
180.2012	1" - 11,5NPT	20
180.2135	G1/2" 60°DK	12

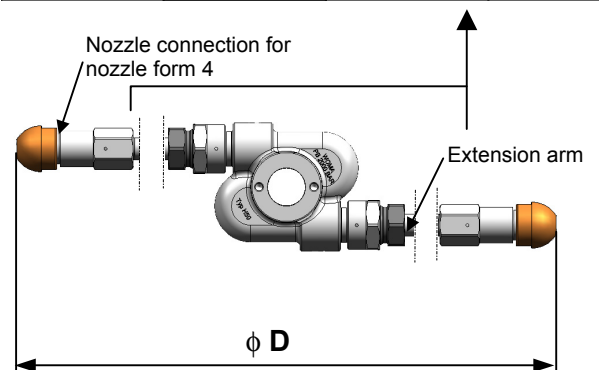
TankMaster 1250
Part-No.: 342.0088

Rotating support
Part-No. 010.9707

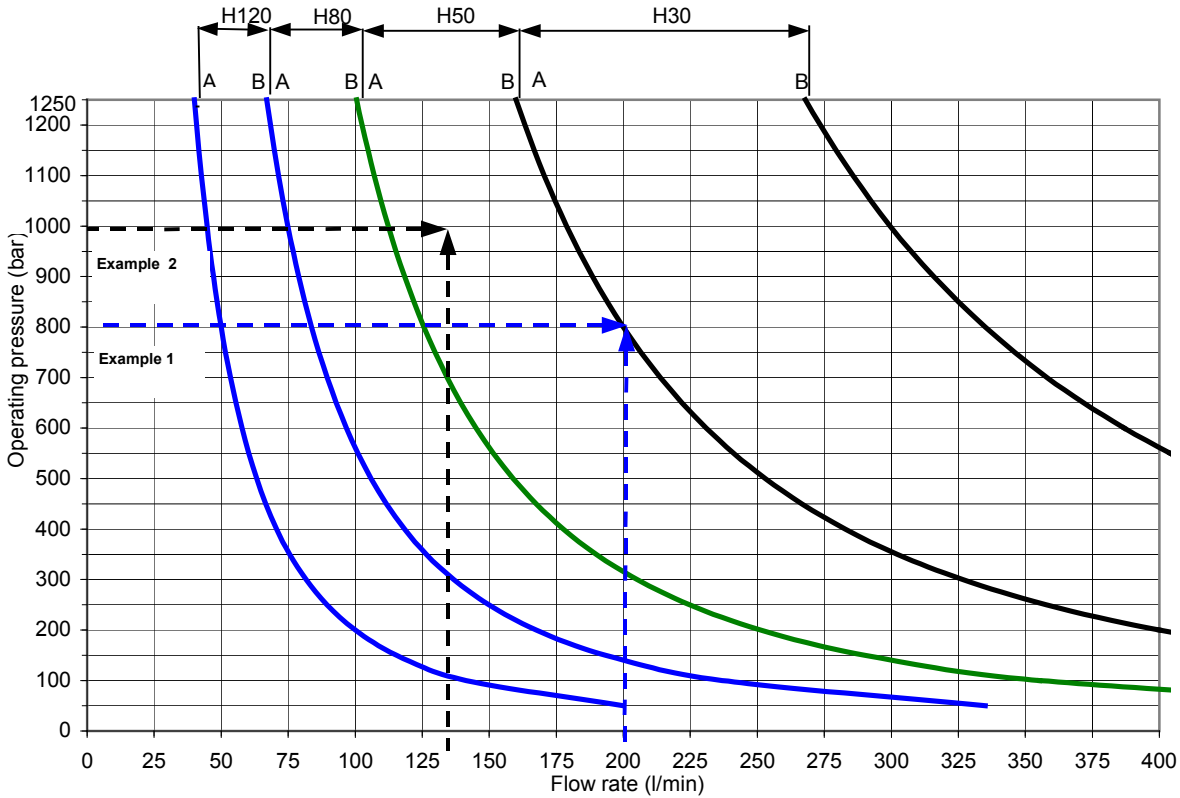
Protecting cap

Rotor		Extension arms with nozzle connection form 4	
Type	Part-No.:	Part-No.:	φ D mm
 Rotor H 30	341.0330	2x010.9350	450
		2x010.9351	600
		2x010.9352	1000
		2x010.9753	1590
 Rotor H 50	341.0333	2x010.9350	360
		2x010.9351	600
		2x010.9352	1000
		2x010.9753	1500
 Rotor H 80	341.0421	2x010.9350	360
		2x010.9351	600
		2x010.9352	1000
		2x010.9753	1500
 Rotor H 120	341.0422	2x010.9350	360
		2x010.9351	600
		2x010.9352	1000
		2x010.9753	1500

for Rotor		for TM 1250	
Type	Part-No. / Type	Type	Part-No.
	010.9831 H 30		010.9830
	011.0533 H 50		
	011.0534 H 80		
	011.0535 H 120		



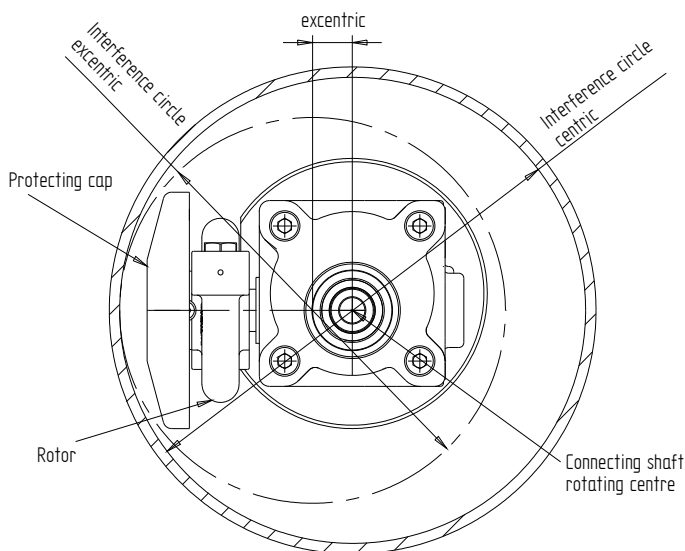
Rotor Selection Diagram Tankmaster® 1250



Rotor speed :
 Curve A appr. 5 - 15 1/min
 Curve B appr. 15 - 40 1/min

Example 1 :
800bar at 200 l/min
 The intersection point is on curve A at rotor selection H30 rotor speed appr. 5-15 1/min respectively on curve B at rotor selection H50 rotor speed appr. 15-40 1/min

Example 2 :
1000bar at 130 l/min
 The intersection point defines rotor selection H50 rotor speed appr. 15-35 1/min



Interference circles with Rotor

Rotor	Interference circle excentric	DIN Flange	Interference circle centric	DIN Flange
H30	Ø 220mm	DN 250	Ø 260	DN 300
H50	Ø 190mm	DN 200	Ø 220	DN 250
H80	Ø 195mm			
H120	Ø 210mm	DN 250	Ø 235	

Interference circles with Rotor + Protecting cap

Rotor	Interference circle excentric	DIN Flange	Interference circle centric	DIN Flange
H30	Ø 250mm	DN 250	Ø 300	DN 300
H50	Ø 220mm		Ø 260	
H80	Ø 230mm		Ø 270	
H120	Ø 250mm		Ø 300	