ENGINEERING
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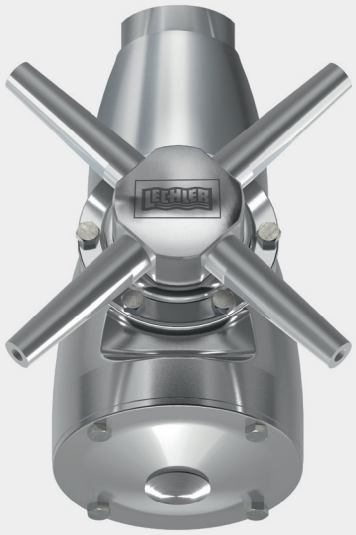
High impact tank cleaning machine »IntenseClean« Series 5HM

Series 5HM

The IntenseClean is used in many applications, amongst others in the petrochemical industry. It is noted for its robust and proven construction, effective solid jets and gear-controlled rotation. The series 5HM is the version for higher temperatures. Functional this series is similar to the standard series 5TM.



Function video

Scan the QR-code or go to:
www.lechler.de/IntenseCleanGB

Max. tank diameter [m]

0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27

Materials*
Stainless steel 316L SS, PTFE, carbon fibre

Max. temperature
90 °C

Recommended operating pressure
5 bar

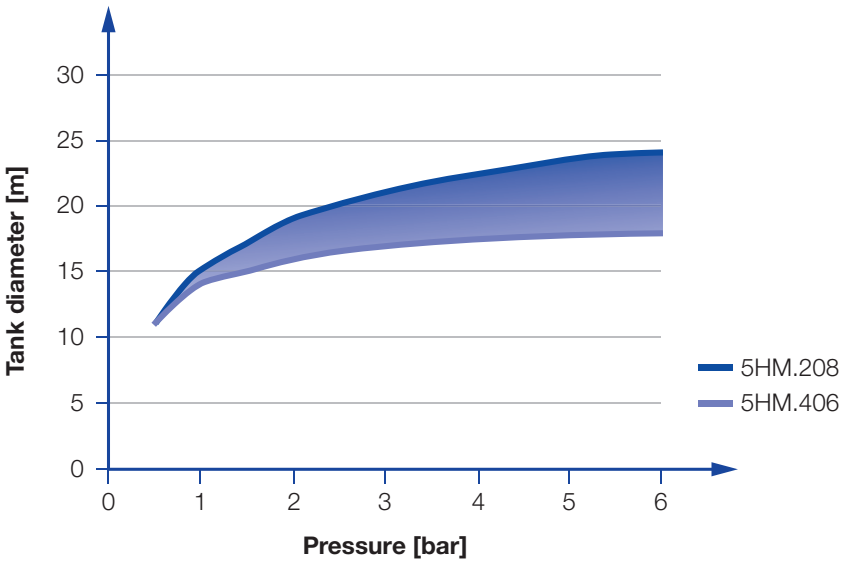
Installation
Operation in every direction is possible

Filtration
Line strainer with a mesh size of 0.2 mm/80 Mesh

Bearing
Ball bearing

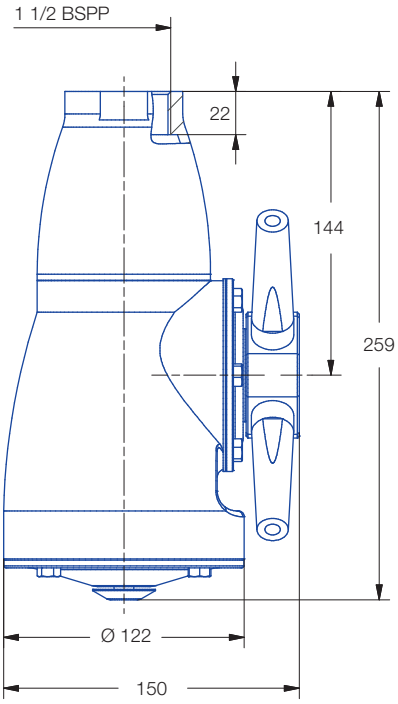
Weight
7.5 kg

Rotation monitoring sensor
Sensor compatible, Info on request

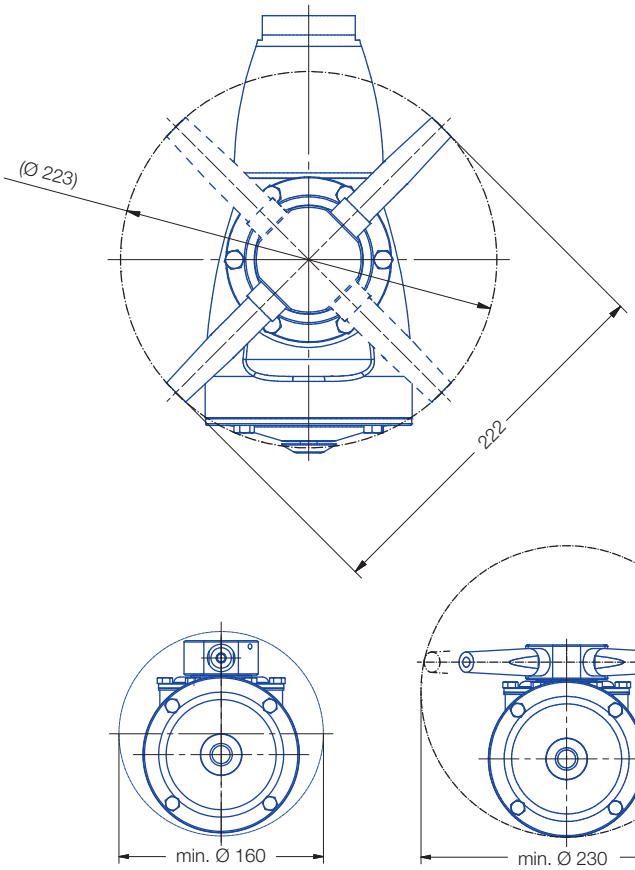


Overview of the tank diameter, depending upon the pressure of series 5HM

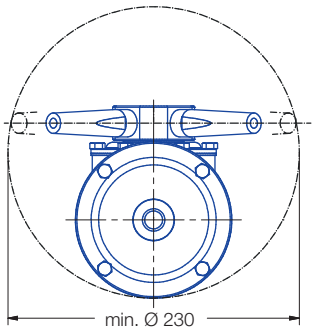
*The mentioned materials refer to the main components of the tank cleaning machine. A detailed list of all contained materials is available on request.



Female thread



5HM.2XX.1Y.AS (2 nozzles)

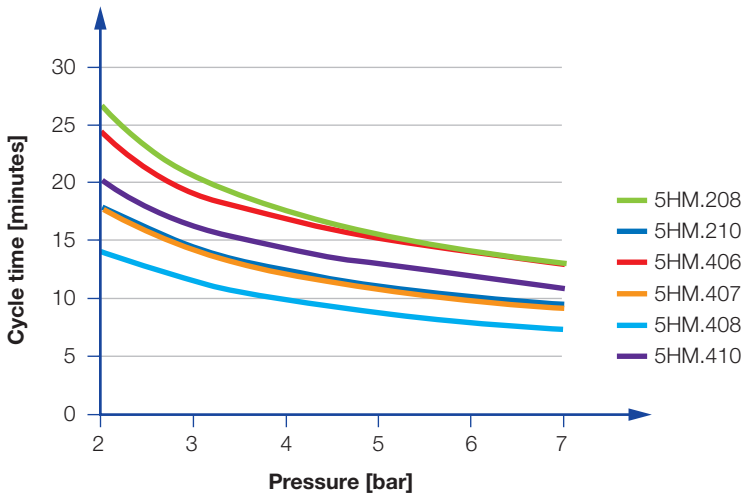


5HM.4XX.1Y.AS (4 nozzles)

Spray angle	Ordering no.	E Ø [mm]	Number, Ø Nozzles [mm]	V̇ [l/min] p [bar] (p_{max} = 7 bar) 2	3	5	at 40 psi [US gal./ min]	Max. tank diameter [m]
360°	**5HM.208.1Y.AS**	8	2 x 8.0	125	153	198	39	24.0
	5HM.210.1Y.AS	10	2 x 10.0	160	196	253	50	24.0
	5HM.406.1Y.AS	6	4 x 6.0	140	171	221	43	18.0
	5HM.407.1Y.AS	7	4 x 7.0	170	208	269	53	20.0
	5HM.408.1Y.AS	8	4 x 8.0	200	245	316	62	22.0
	5HM.410.1Y.AS	10	4 x 10.0	260	318	411	81	23.0

E = Narrowest free cross-section

The maximum tank diameter shown above applies for the recommended operating pressure and is indicative only. The cleaning result is also affected by the type of soiling.



Cycle time depending on pressure of series 5HM

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