

High impact cleaner IntenseClean Series 5TM



Features:

- Very robust design
- High degree of effectiveness due to particularly powerful solid stream nozzles
- High level of efficiency due to gear-controlled rotation
- Proven in the petrochemical industry



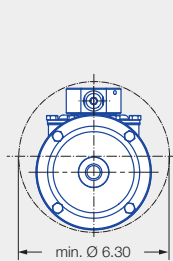
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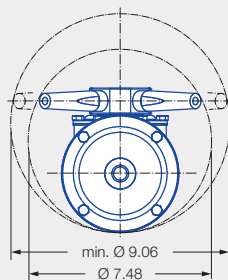
ATEX version available on request



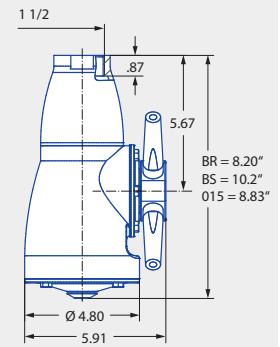
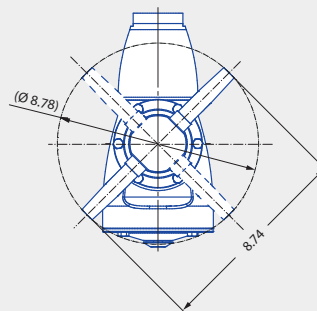
Series 5TM



5TM.2xx.1Y
(2 nozzles)



5TM.4xx.1Y
(4 nozzles)



Female thread

	Max. tank diameter [ft]	0	20	40	60	80
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Technical data:



Maximum operating temperature
203 °F
203 °F (ATEX)



Maximum ambient temperature
284 °F
248 °F (ATEX)



Installation
Operation in every installation position



Bearing
Ball bearing



Material
Stainless steel 1.4404 (316L), stainless steel 1.4301 (304), stainless steel 1.4310 (302), PTFE, PEEK



Weight
16.5 lbs



Surface quality
Ra ≤ 0.8 µm
OUTSIDE



Surface quality
Ra ≤ 4.5 µm
INSIDE



Steam suitability
Not suitable



Insertion diameter
6.30–9.06 in



Recommended filter
Line strainer with a mesh size of 0.2 mm/80 mesh



Recommended operating pressure
75 psi



Rotation monitoring
Sensor-compatible, information: see pages 96–97




Maintainable

Function video
www.lechler.com/intenseclean
Or scan the QR code.

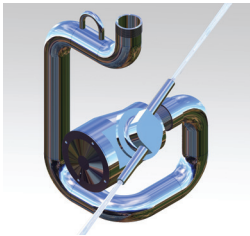




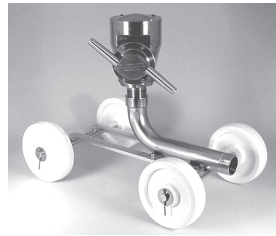
Spray angle	Ordering number				Narrowest free cross section Ø [in]	Number, Ø Nozzles [mm]	V̇ water [gal/min]					Max. tank diameter [ft]
	Type	Connection					p [psi] (p _{max} = 100 psi)					
		1 1/2" Male NPT	1 1/2" Female NPT	1 1/2" CL 150 Flange			40	60	75	Liters per min. 5 bar	100	
360° 	5TM.208.1Y	BR	BS	015	0.31	2 x 8.0	39	48	53	198	61	79
	5TM.209.1Y	BR	BS	015	0.35	2 x 9.0	45	55	61	227	70	79
	5TM.210.1Y	BR	BS	015	0.39	2 x 10.0	50	61	68	253	79	79
	5TM.211.1Y	BR	BS	015	0.43	2 x 11.0	58	71	79	295	92	75
	5TM.406.1Y	BR	BS	015	0.24	4 x 6.0	43	53	59	224	69	59
	5TM.407.1Y	BR	BS	015	0.28	4 x 7.0	53	65	72	269	83	66
	5TM.408.1Y	BR	BS	015	0.31	4 x 8.0	62	76	85	316	98	72
	5TM.409.1Y	BR	BS	015	0.35	4 x 9.0	73	89	99	370	115	75
5TM.410.1Y	BR	BS	015	0.39	4 x 10.0	81	99	110	411	128	75	

BSPP thread available on request.

The maximum tank diameter applies to the recommended operating pressure and is meant as a recommendation only. The cleaning result is also affected by the type of soiling.



Our special mounting bracket provides the ability for the 5TM to reach the far ends of long horizontal tanks/tankers. Mounting bracket part number: **099.164.17.00.00.0**



Portable cart for easier transporting of your 5TM from tank to tank. The cart part number is **M20.000.17.BR**. For use with "BR" connection only.