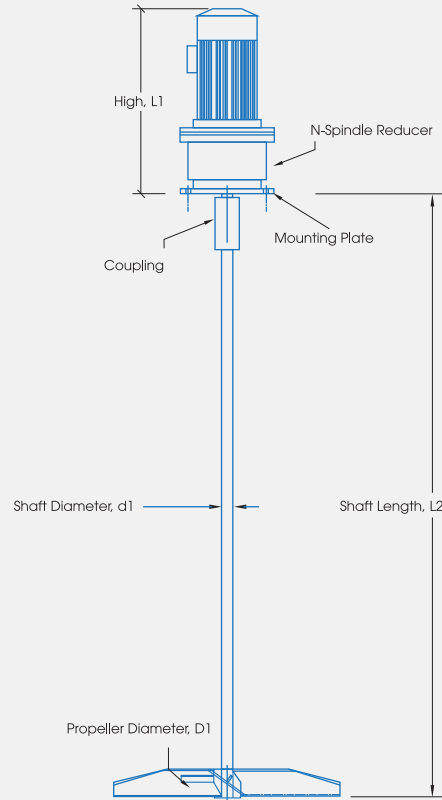


N-Spindle Agitators

INTRODUCTION

N-Spindle Top Mounted Agitator L series is one of the most COST EFFICIENT converters of energy into fluid motion. N-Spindle L Series agitators are designed for small tank & drum mixing application which to handle various kind of liquids mixture. Ranges of viscosity covered from 1.0 to 5000± cP. Tank liquids volume covered from 0.2 m3 to 5m3 as common ranges.



Ranges of viscosity covered from 1.0 to 5000± cP.

Tank liquids volume covered from 0.2 m3 to 5m3 as common ranges.

APPLICATION

Industrial waste water treatment plants for Reaction, Neutralization, Coagulations and Floccuations.

1. Industrial waste water treatment plants for Reaction, Neutralization, Coagulations and Floccuations.
2. Effluent treatment
3. Polymer blending
4. Chemical mixing & neutralization
5. Waste water Coagulation process
6. Conditional tank and many more
7. Blending of chemical

STANDARD SPECIFICATIONS

- 200 to 600 mm hydrofoil propeller diameter.
- Constructed with helical gear to meet difference type of speed & applications.
- 0.1kw to 0.75kw as common size, larger size – please contact factory for more selection.
- Motor design with IP55 totally enclosure fan-cooled, class F, IEC standard.
- 50Hz – 380 ~ 415V
- Build-in with hi-grade grease lubricated and triple lip seal for leakage protection.
- Operating environment conditions range from -10 to 40°C.
- Ambient humidity 85% or lower with no dew condensation.
- Motor compliance to CE marking.

FEATURES

- High pumping capacity..
- High efficient of propeller design
- Minimum power draw.
- Solid handling propeller design.
- High thrust, No cavitation.
- SUS 304/316/316L/FRP/HLR construction on wetted parts.
- Rigid shaft design with critical speed in consideration and minimize vibration.



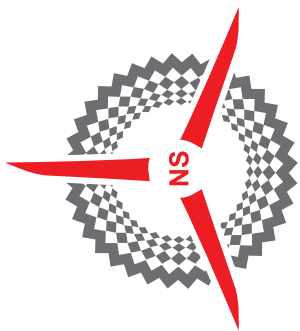
PERFORMANCE TABLE

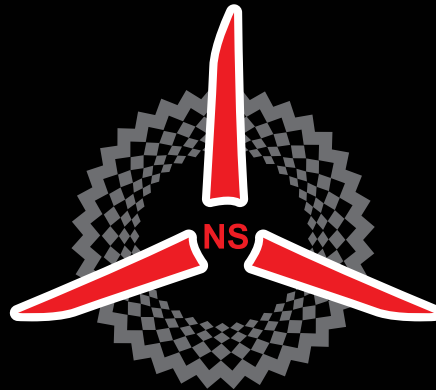
L Series

Model	Tank Volume, m3	Power, kw	Phase	Revolution, rpm	Shaft Length, L2	Propeller		Mounting size, mm	Gear motor high, L1	Approximate weighth, kgs
						Type	Qty			
L10-400-290	0.2 ~ 0.4	0.1	3	290	600	HE3200	1	140 x 140	215	11
L10-600-290	0.4 ~ 0.6	0.1	3	290	750	HE3250	1	140 x 140	215	12
L20-1000-290	0.5 ~ 1.0	0.2	3	290	750	HE3275	1	140 x 140	245	13
L20-1300-290	0.8 ~ 1.3	0.2	3	290	1000	HE3285	1	140 x 140	245	13
L20-1500-145	0.5 ~ 1.5	0.2	3	145	1000	HE3435	1	140 x 140	245	14.5
L20-1500-100	0.5 ~ 1.5	0.2	3	100	1000	HE3500	1	140 x 140	245	15
L20-1500-73	1 ~ 1.8	0.2	3	73	1000	HE3550	1	140 x 140	245	15
L40-1700-290	0.8 ~ 1.7	0.4	3	290	1300	HE3325	1	140 x 140	272	16
L40-1700-145	0.8 ~ 1.7	0.4	3	145	1300	HE3500	1	140 x 140	272	16.5
L40-1700-100	0.8 ~ 2.0	0.4	3	100	1300	HE3600	1	140 x 140	272	17.5
L40-1700-73	0.8 ~ 2.0	0.4	3	73	1300	HE3600	1	140 x 140	272	17.5
L75-5000-290	2 ~ 5.0	0.75	3	290	1500	HE3375	1	164 x 164	336	23
L75-5000-145	2.0 ~ 5.0	0.75	3	145	1500	HE3550	1	164 x 164	336	25
L75-5000-100	2 ~ 5.0	0.75	3	100	1500	HE3600	2	164 x 164	336	28

Note: Motor specification is IP 55, TEFC, Class F, 3/50/415.

Optional: For additional shaft length or special mounting plate dimension, please refer to factory for customization.





CUSTOMIZES MIXING



Manufacturer:
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www.n-spindle.com

Authorized Agent:

