

TOP ENTRY HEAVY DUTY INDUSTRIAL FLUID MIXERS AND AGITATORS

Euromixers TERA Top Entry heavy duty industrial fluid mixers and agitators provide a cost effective solution for a wide range of mixing / agitating applications, motor power mixer shaft speed and impeller configuration are individually selected for optimum performance.



Features include.

- Low headroom compact robust design
- Standard metric motors
- Power range from 0.25 to 15 k W
- Hollow shaft gearbox ensures accurate mixer shaft alignment
- Minimum service factor SF=1.50, for trouble free operation
- Ground gears for efficiency and low noise
- Open tank plate mounted and closed tank models available.

Mixer Geardrive

TERA Mixer drives are designed on a very rigid structure enabling high bending loads, the mixer output shaft is supported by taper roller bearings or deep groove ball bearings on the smaller sizes drives.

Gears are case hardened and ground for efficiency, low noise and maximum service life.



Mixer shaft design

The mixer shaft is designed to operate below first critical speed and at all frequencies up to 50 hz if an inverter is used with the drive.

Impellers

Impellers are selected by our application engineers to meet your process requirements

Top entry heavy duty mixers

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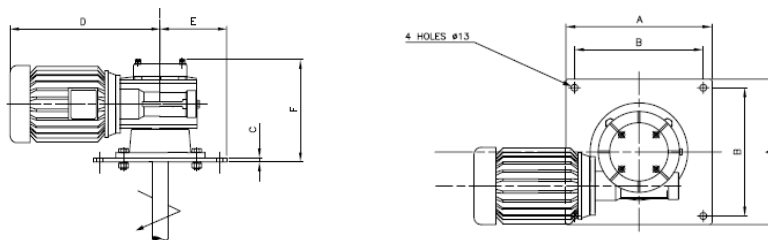
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Mixer selection

TERA – Top entry heavy duty industrial fluid mixers and agitators are sized and selected to meet customer process requirements, a range of standard motor powers, mixer output speeds and impeller configurations are available to ensures optimum performance.

Model range

Ten mixer drives are available covering a power range from 0.25kw to 15 kw. Suitable for tanks and vessels from 25 to 60,000 litres
Our process engineers will be pleased to help. please contact us with your requirements.



Typical dimensions for low headroom – Plate mounted model

Model	Mounting						APPROX MASS LESS MOTOR
	A	B	C	D	E	F	
28- TERA	200	170	6	210	100	115	12KG
40- TERA	250	220	6	225	125	150	12.5 KG
50- TERA	250	220	6	280	125	170	14 KG
63- TERA	300	270	8	295	150	210	16 KG
70- TERA	300	270	8	300	150	210	18 KG
85- TERA	300	270	8	370	150	210	29 KG
110-TERA	350	310	10	400	175	285	38 KG
130-TERA	400	360	10	465	200	285	48 KG
150-TERA	450	410	10	540	225	310	77 KG
180-TERA	500	460	12	585	250	350	130 KG

All dimensions in millimetres

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