

Charles Ross & Son High Shear Rotor/Stator Mixer

Mfg: Charles Ross & Son

Model: ME105

Stock No. GAMI001.15

Serial No. 65422

Charles Ross & Son High Shear Rotor/Stator Mixer. Model: ME105. S/N: 65422. Capacity (water): 15-50 gallons. Type 316 stainless steel wetted parts. Rotor diameter: 3-1/2 in. Lower flange diameter: 6 in. Shaft length: 33 in. Upper flange diameter: 11 in. Marathon Electric Motor, 5 hp, 3400 rpm, 208-230/460 V, 13-12.4/6.2 amps, 60 Hz, 3 phase. "Single stage" rotor unit includes single set of four blades. As the rotating blades pass each opening in the stator, they mechanically shear particles and droplets, and expel material at high velocity in the surrounding mix, creating intense hydraulic shear. Interchangeable stators for Ross High Shear Mixers are available to fine-tune such functions as particle size reduction, de-agglomeration and emulsification. For use in atmospheric (non-pressure/non-vacuum) vessels. Overall dimensions: 16 in. L x 14 in. W x 54 in. H. ACN: 89-89.

Applications: Homogenization, solubilization, emulsification, powder wet-out, grinding and particle size reduction, in batch and in-line configurations. The single stage rotor/stator mixer is ideal for applications that require fast particle/ droplet size reduction. With a mobile hydraulic lift, your Ross High Shear Mixer can easily be repositioned for use with numerous vessels.



