



bio-m® MAGNETIC AGITATORS FOR BIOREACTORS

The bio-m® magnetic agitator with shaft is the result of many years of experience and know-how attained working in the bio-industry. The zeta engineering team have tested their product at great lengths in many production facilities, with continuously proven reliability. This agitator has been designed to provide a long contamination free cultivation time.


The shown agitator type bio-m® BMR 7500 F is running in a 1000 L bioreactor for animal cell cultures. Thanks to the rugged bearing design a shaft bearing at the top is not necessary.




bio-m® 7500F with Rushton Turbines




Pitch blade Turbine



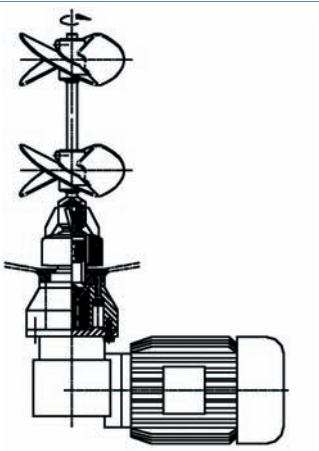
marine type propeller



“elephant ear” impeller



Drive with Lowering device



bio-m® mixing impellers for all bio-process applications

bio-m® agitator layout to process requirements

bio-m® agitators meet GMP and EHEDG requirements

Standard bio-m® bottom entry magnetic agitators for bioreactors (Type / max. torque)

BMR 30F	BMR 300F	BMR 550F	BMR 850F	BMR 1200F	BMR 2500F	BMR 4000F	BMR 7500F
30 Ncm	300 Ncm	550 Ncm	850 Ncm	1200 Ncm	2500 Ncm	4000 Ncm	7500 Ncm

Material: 1.4435 (Option: 1.4539) with 3.1 – material cert., ceramic bearing SiC vs ZrO₂

Surface finish: Standard bio-m® : Ra < 0,8 µm, electropolished

