

KZN MAXDuty™ Series

Maximum-Duty Submersible Pumps

Engineered for maximum performance, the **KZN MAXDuty™ Series** efficiently handles abrasive slurries in the most demanding environments. Built with High-Chrome materials, these heavy-duty pumps deliver reliable, long-lasting, maximum performance in abrasive applications to prevent volute wear and for continuous operation in slurry, sand, & other highly abrasive conditions.



FEATURES

- **High-Chrome Split-Case Volute:** Patented design delivers optimal hydraulic performance with exceptional durability in abrasive environments.
- **Heavy-Duty Agitator:** Keeps solids suspended for smoother, more efficient pumping.
- **Semi-Open Impeller:** Efficiently handles highly abrasive slurries.
- **Easy Maintenance Design:** Patented split-case construction and modular components simplify inspection & service.

BENEFITS

- **Exceptional Durability:** 28% high-chrome construction provides superior abrasion resistance.
- **Reduced Maintenance Time:** Split-case design enables faster, easier servicing.
- **Lower Operating Costs:** Extended wear life reduces downtime and replacement frequency.
- **Lower Total Cost of Ownership:** Increased longevity and reduced maintenance drive long-term savings.

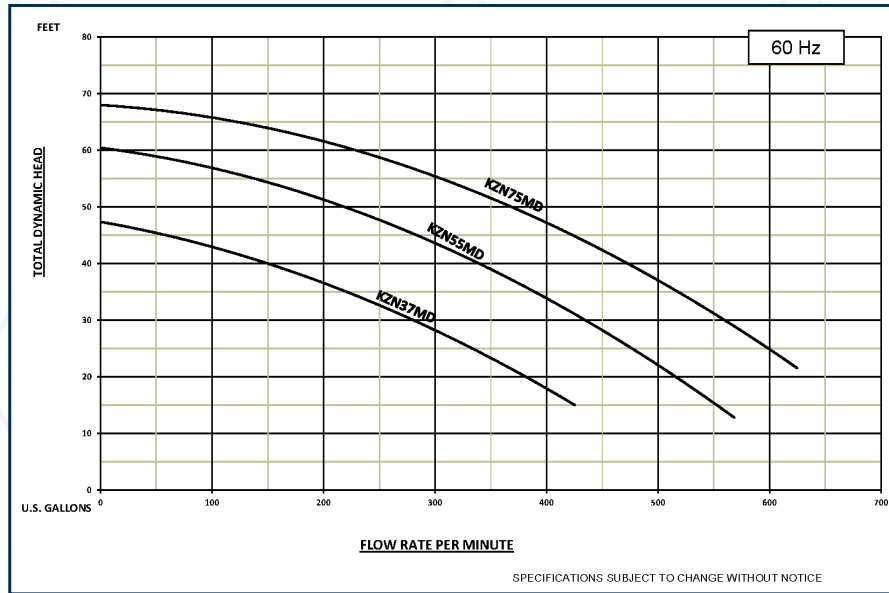


SPECIFICATIONS

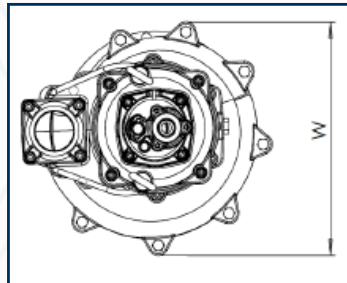
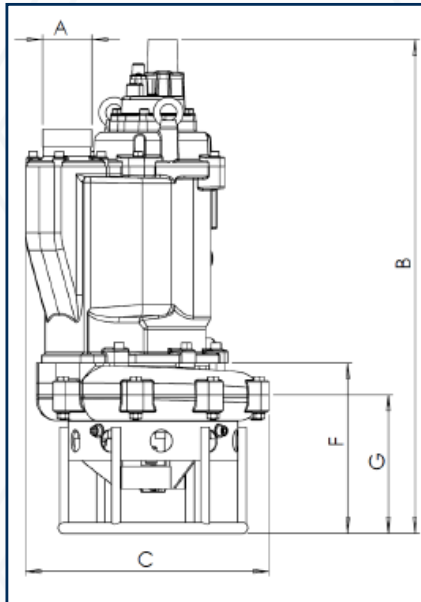
All models available in 3-ph, 60-hz.

Model	Motor Rating	Voltage	Full Load Amps	Discharge	Max. Head	Max. Flow	Max. Solids
KZN37MD	5 HP / 3.7 kW	230/460/575	17/8.5/6.8	3" NPT-M (4" NPT-M optional)	48 ft / 14 m	426 GPM / 1613 LPM	0.875 in / 22.2 mm
KZN55MD	7.5 HP / 5.6 kW	230/460/575	19.5/9.5/7.8	4" NPT-M (3" NPT-M optional)	61 ft / 18 m	568 GPM / 2150 LPM	1 in / 25.4 mm
KZN75MD	10 HP / 7.5 kW	460/575	13/10.5	4" NPT-M (3" NPT-M optional)	68 ft / 20 m	625 GPM / 2366 LPM	1 in / 25.4 mm

PERFORMANCE CURVES



DIMENSIONS



Model	A	B	C	F	W	G
KZN37MD	3 in / 76.2 mm	32.3 in / 820.4 mm	16.5 in / 419.1 mm	12 in / 304.8 mm	16.5 in / 419.1 mm	9.7 in / 246.4 mm
KZN55MD	4 in / 101.6 mm		16.5 in / 419.1 mm		16.5 in / 419.1 mm	
KZN75MD	4 in / 101.6 mm		17.5 in / 444.5 mm		16.5 in / 419.1 mm	

MATERIALS

28% High-Chrome Components:

Delivers superior wear resistance for maximum performance in high-abrasion applications.



INDUSTRIAL
FLOW
SOLUTIONS™

North America / Latin America - IFS
104 John W Murphy Drive New Haven, CT 06513 USA
(860) 631-3618 | sales@flowsolutions.com
www.flowsolutions.com