

SEWAGE GRINDER SUBMERSIBLE PUMPS



UM/UAGN1000/32/1
UM/UAGN1000/32/3
UAGN1000/32/1-FSLC

UM/UAGN1500/32/1
UAGN1500/32/3
UAGN1500/32/1-FSLC

UMGN1500/32/3
UMGN2200/32/3

UMGN1500/SEG/1
UMGN1500/SEG/3
UMGN2200/SEG/3

UMGN2200/50/3
UMGN3700/50/3

GUIDE RAIL SYSTEM

FEATURES

- CE & ISO 9001 certified
- All metal construction
- Dual mechanical seal + lip seal in oil bath
- Silicon carbide faces to lower seal
- Double bearing at lower end of electric motor
- Capacitors & relays for 240 volt models are built in motor cap
- Can be installed with a guide rail system
- Anti-wicking, epoxy filled cabled gland

APPLICATIONS

GRIND AND PUMP

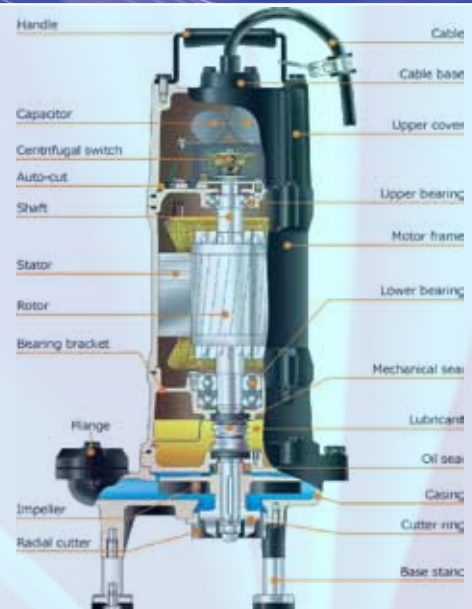
- Raw sewage
- Non-abrasive sludges & slurries
- Agricultural liquid wastes
- Trade waste disposal
- Liquid with soft solids
- For applications with high static heads &/or long distances

GRINDER & GRINDER RING

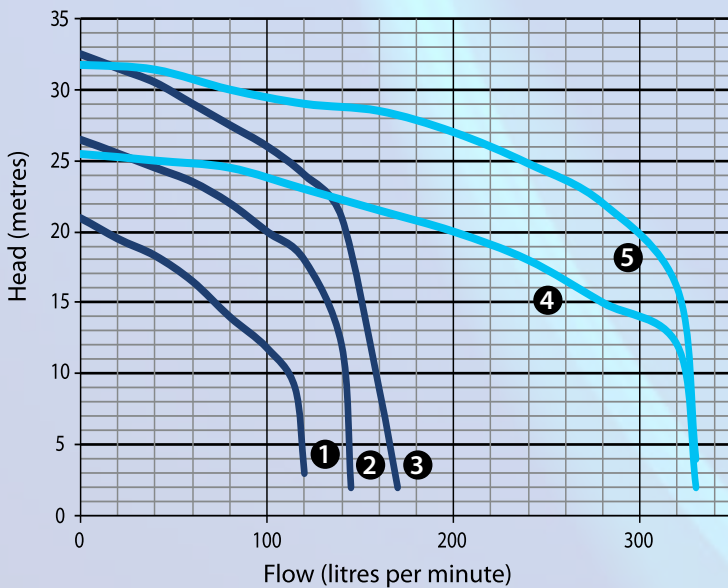


Grinder & grinder ring are heat treated stainless steel, hardened to 55-60 Rockwell 'C'

CROSS-SECTION



PERFORMANCE CURVES



- | | |
|--|------------------------------------|
| 1. UM/UAGN1000/32/1, UM/UAGN1000/32/3,
UAGN1000/32/1-FSLC | 3. UMGN2200/32/3
UMGN2200/SEG/3 |
| 2. UM/UAGN1500/32/1, UM/UAGN1500/32/3
UAGN1500/32/1-FSLC, UMG1500/SEG/1 | 4. UMGN2200/50/3 |
| | 5. UMGN3700/50/3 |

SEWAGE GRINDER SUBMERSIBLE PUMPS

MATERIALS

POWER CABLE	HO7RN
HANDLE	304 grade stainless steel
MOTOR CAP & CASING	Cast iron
SEAL HOUSING	Cast iron
DUAL MECHANICAL SEAL	Silicon carbide faces to lower seal, carbon ceramic faces to upper seal, nitrile elastomers
LIP SEAL	Nitrile
IMPELLER	Cast iron
CASING & COVER PLATE	Heat treated stainless steel hardened to Rockwell 'C'
SHAFT	304 grade stainless steel
FASTENERS	304 grade stainless steel

ELECTRICAL DATA

MODEL	VOLTS	KW	FULL LOAD AMPS	RPM	IP	CABLE LENGTH
UMG/UAGN1000/32/1 (& FSLC)	240	1.0	6.4	2900	68	10m
UMG/UAGN1000/32/3	415	1.0	2.3	2900	68	10m
UMG/UAGN1500/32/1 (& FSLC)	240	1.5	9.8	2900	68	10m
UMG/UAGN1500/32/3	415	1.5	3.4	2900	68	10m
UMGN1500/SEG/1	240	1.5	9.8	2900	68	10m
UMGN1500/SEG/3	415	1.5	3.4	2900	68	10m
UMGN2200/32/3	415	2.2	4.8	2900	68	10m
UMGN2200/SEG/3	415	2.2	4.8	2900	68	10m
UMGN2200/50/3	415	2.2	5.2	2900	68	10m
UMGN3700/50/3	415	3.7	7.7	2900	68	10m

DIMENSIONS & WEIGHT

MODEL	DISCHARGE	LENGTH	WIDTH	HEIGHT	WEIGHT
UMG/UAGN1000/32/1	32mm	249mm	177mm	555mm	28kg
UMGN1000/32/3	32mm	249mm	177mm	530mm	25kg
UAGN1000/32/3	32mm	249mm	177mm	555mm	28kg
UAGN1000/32/1-FSLC	32mm	299mm	177mm	555mm	28kg
UMG/UAGN1500/32/1	32mm	285mm	203mm	597mm	36kg
UAGN1500/32/3	32mm	285mm	203mm	597mm	36kg
UMGN1500/32/3	32mm	285mm	203mm	546mm	33kg
UAGN1500/32/1-FSLC	32mm	335mm	203mm	597mm	36kg
UAGN1500/SEG/1	DN40	255mm	203mm	596mm	36kg
UMGN1500/SEG/3	DN40	255mm	203mm	546mm	33kg
UMGN2200/32/3	32mm	285mm	203mm	546mm	35kg
UMGN2200/SEG/3	DN40	255mm	203mm	546mm	35kg
UMGN2200/50/3	50mm	393mm	243mm	543mm	51kg
UMGN3700/50/3	50mm	393mm	243mm	543mm	53kg

Information subject to change without notice.