

HEAVY DUTY DRAINAGE SUBMERSIBLE PUMPS



UM/UAHDDN1100/50/1
UM/UAHDDN1100/50/3



UM/UAHDDN1500/80/1
UM/UAHDDN1500/80/3
UMHDDN2200/80/3
UMHDDN3700/80/3
UMHDDN3700/100/3



UMHDDAN2200/80/3
UMHDDAN3700/80/3

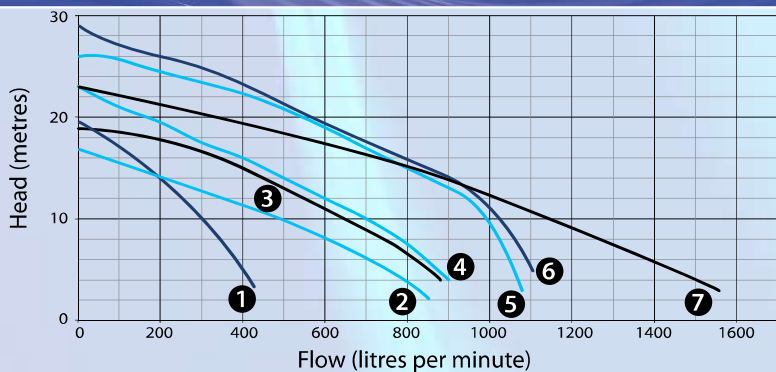


UMHDDN5500/80/3
UMHDDN5500/100/3
UMHDDN7500/100/3



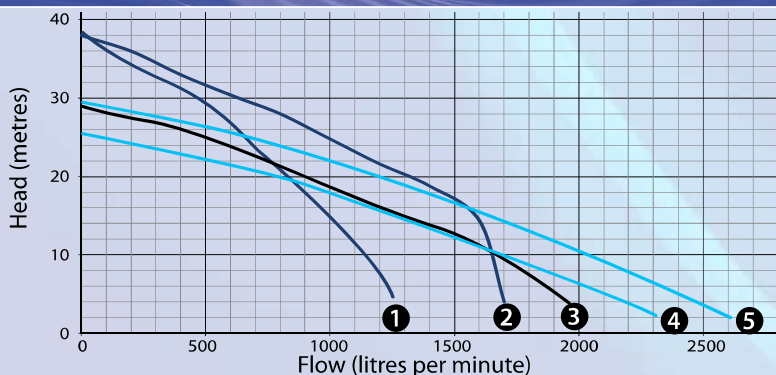
UMHDDN5500/150/3
UMHDDN7500/150/3

PERFORMANCE CURVES (1.1kw-3.7kw)



- | | | |
|---|---|---|
| 1. UM/UAHDDN1100/50/1
UM/UAHDDN1100/50/3 | 3. UHDDAN2200/80/3
4. UM/UAHDDN2200/80/3 | 6. UMHDDN3700/80/3
7. UMHDDN3700/100/3 |
| 2. UM/UAHDDN1500/80/1
UM/UAHDDN1500/80/3 | 5. UMHDDAN3700/80/3 | |

PERFORMANCE CURVES (5.5kw-7.5kw)



- | | |
|--|--|
| 1. UMHDDN5500/80/3
2. UMHDDN7500/100/3
3. UMHDDN5500/100/3 | 4. UMHDDN5500/150/3
5. UMHDDN7500/150/3 |
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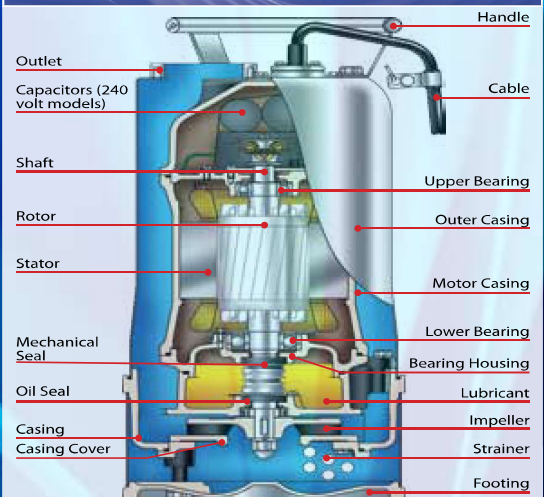
APPLICATIONS

- Construction sites
- Concrete plants
- Quarries
- Commercial wastewater treatment plants
- Civil engineering projects
- Flooded underground car parks

FEATURES

- Heavy duty
- Portable
- High chromium alloy impellers
- Silicon carbide faces to lower seal
- Stainless steel strainer, handles & fasteners
- Dual mechanical seal + lip seal in oil bath
- Hardened cast iron castings and cover plates
- Optional ceramic coatings to castings
- Agitator on UMHDDAN models

CROSS-SECTION





HEAVY DUTY DRAINAGE SUBMERSIBLE PUMPS

MATERIALS

POWER CABLE	H07RN
HANDLE	304 grade stainless steel
JACKET	304 grade stainless steel
SEAL HOUSING	Cast iron
MOTOR CASING	Cast iron
DUAL MECHANICAL SEAL	Silicon carbide faces lower seal, carbon ceramic faces upper seal nitrile elastomers
LIP SEAL	Nitrile
PUMP CASING & COVER PLATE	Hardened cast iron
IMPELLER	High chromium alloy
SHAFT	403 grade stainless steel
STRAINER & FASTENERS	304 grade stainless steel
AGITATOR	Hardened cast iron

ELECTRICAL DATA

MODEL	VOLTS	kW	FULL LOAD AMPS	RPM	IP	CABLE LENGTH
UM/UAHDDN1100/50/1	240	1.1	8.0	2900	68	10m
UM/UAHDDN1100/50/3	415	1.1	2.7	2900	68	10m
UM/UAHDDN1500/80/1	240	1.5	9.8	2900	68	10m
UM/UAHDDN1500/80/3	415	1.5	3.4	2900	68	10m
UM/UAHDDN2200/80/3	415	2.2	4.8	2900	68	10m
UMHDDAN2200/80/3	415	2.2	4.5	2900	68	10m
UMHDDAN3700/80/3	415	3.7	7.9	2900	68	10m
UMHDDN3700/80/3	415	3.7	7.9	2900	68	10m
UMHDDN3700/100/3	415	3.7	7.9	2900	68	10m
UMHDDN5500/80/3	415	5.5	11.0	2900	68	10m
UMHDDN5500/100/3	415	5.5	11.0	2900	68	10m
UMHDDN5500/150/3	415	5.5	11.0	2900	68	10m
UMHDDN7500/100/3	415	7.5	14.5	2900	68	10m
UMHDDN7500/150/3	415	7.5	14.5	2900	68	10m

DIMENSIONS & WEIGHT

MODEL	DISCHARGE	MAX SOLID SIZE	LENGTH	WIDTH	HEIGHT	WEIGHT
UMHDDN1100/50/1	50mm	7mm	210mm	210mm	482mm	28kg
UMHDDN1100/50/3	50mm	7mm	210mm	210mm	482mm	28kg
UAHDDN1100/50/1	50mm	7mm	210mm	210mm	423mm	24kg
UAHDDN1100/50/3	50mm	7mm	210mm	210mm	423mm	24kg
UM/UAHDDN1500/80/1	80mm	10mm	235mm	235mm	623mm	43kg
UMHDDN1500/80/3	80mm	10mm	235mm	235mm	578mm	39kg
UAHDDN1500/80/3	80mm	10mm	235mm	235mm	623mm	43kg
UAHDDN2200/80/3	80mm	10mm	235mm	235mm	578mm	45kg
UMHDDN2200/80/3	80mm	10mm	235mm	235mm	653mm	42kg
UMHDDN3700/80/3	80mm	10mm	235mm	235mm	608mm	47kg
UMHDDN3700/100/3	100mm	10mm	235mm	235mm	643mm	49kg
UMHDDAN2200/80/3	80mm	10mm	260mm	260mm	659mm	43kg
UMHDDAN3700/80/3	80mm	10mm	260mm	260mm	689mm	48kg
UMHDDN5500/80/3	80mm	10mm	286mm	286mm	722mm	75kg
UMHDDN5500/100/3	100mm	10mm	286mm	286mm	729mm	80kg
UMHDDN5500/150/3	150mm	10mm	286mm	286mm	772mm	85kg
UMHDDN7500/100/3	100mm	10mm	286mm	286mm	729mm	85kg
UMHDDN7500/150/3	150mm	10mm	286mm	286mm	772mm	88kg

Information subject to change without notice.