

# LARGE DRAINAGE SUBMERSIBLE PUMPS



UMDN3700/80/3



UMDN5500/100/3  
UMDN7500/100/3



UMDNHF7500/100/3



UMDN7500/150/3



UMDN11000/150/3



GUIDE RAIL SYSTEM

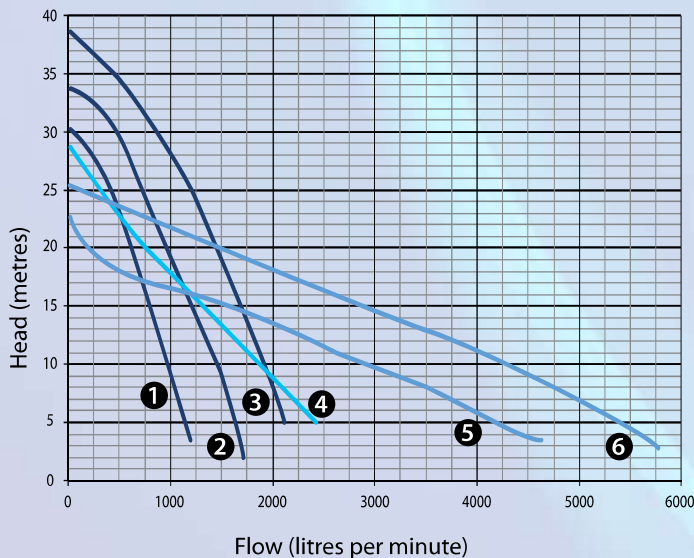
## FEATURES

- CE & ISO 9001 certified
- All metal construction
- Dual mechanical seal + lip seal in oil bath
- Silicon carbide faces to lower seal
- Anti-wicking, epoxy filled cable gland
- Can be installed as a free-standing unit, or with a guide rail system

## APPLICATIONS

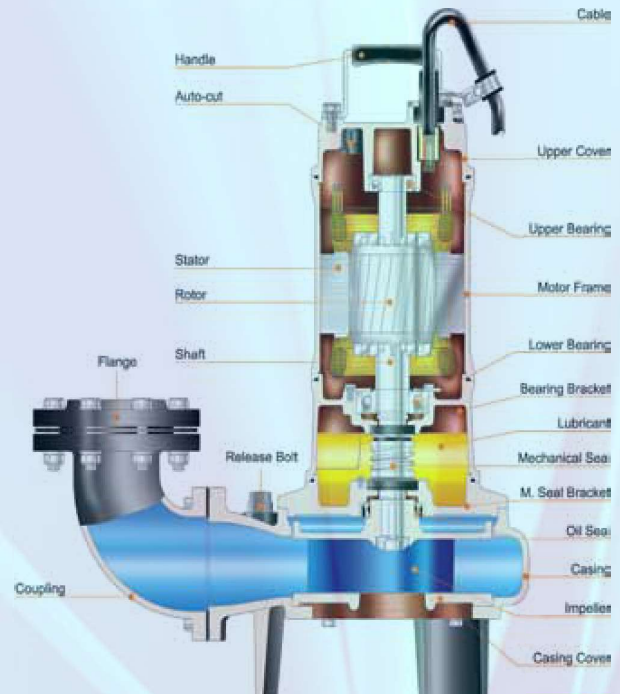
- Site dewatering
- Basement and sump drainage
- Fountains and water features
- Horticulture
- Aquaculture
- Grey water transfer
- Trade waste disposal
- Water transfer
- Aeration of wastewater

## PERFORMANCE CURVES



- |                   |                     |
|-------------------|---------------------|
| 1. UMDN3700/80/3  | 4. UMDNHF7500/100/3 |
| 2. UMDN5500/100/3 | 5. UMDN7500/150/3   |
| 3. UMDN7500/100/3 | 6. UMDN11000/150/3  |

## CROSS-SECTION





# LARGE DRAINAGE SUBMERSIBLE PUMPS

## MATERIALS

<b>POWER CABLE</b>	HO7RN
<b>MOTOR CAP &amp; CASING</b>	Cast iron
<b>SEAL HOUSING</b>	Cast iron
<b>DUAL MECHANICAL SEAL</b>	Silicon carbide faces to lower seal, carbon ceramic faces to upper seal, nitrile elastomers.
<b>LIP SEAL</b>	Nitrile
<b>CASING &amp; COVER PLATE</b>	Cast iron
<b>IMPELLER</b>	Cast iron
<b>SHAFT</b>	304 grade stainless steel
<b>STRAINER/STAND</b>	Cast iron (304 grade stainless steel for UMDN3700/80/3)
<b>FASTENERS</b>	304 grade stainless steel

## ELECTRICAL DATA

MODEL	VOLTS	kW	FULL LOAD AMPS	RPM	IP	CABLE LENGTH
UMDN3700/80/3	415	3.7	7.7	2900	68	10m
UMDN5500/100/3	415	5.5	11.0	2900	68	10m
UMDN7500/100/3	415	7.5	14.5	2900	68	10m
UMDNHF7500/100/3	415	7.5	15.2	1440	68	10m
UMDN7500/150/3	415	7.5	15.2	1440	68	10m
UMDN11000/150/3	415	11.0	20.0	1440	68	10m

## DIMENSIONS (Including discharge elbow) & WEIGHT

MODEL	DISCHARGE	MAX SOLID SIZE	LENGTH	WIDTH	HEIGHT	WEIGHT
UMDN3700/80/3	80mm	14mm	468mm	242mm	565mm	58kg
UMDN5500/100/3	100mm	20mm	597mm	307mm	723mm	96kg
UMDN7500/100/3	100mm	20mm	597mm	307mm	723mm	102kg
UMDNHF7500/100/3	100mm	40mm	687mm	405mm	816mm	153kg
UMDN7500/150/3	150mm	70mm	888mm	449mm	870mm	221kg
UMDN11000/150/3	150mm	70mm	895mm	477mm	988mm	260kg

Information subject to change without notice.