ultraflow™

Models: **UMDZ7500/80/3**



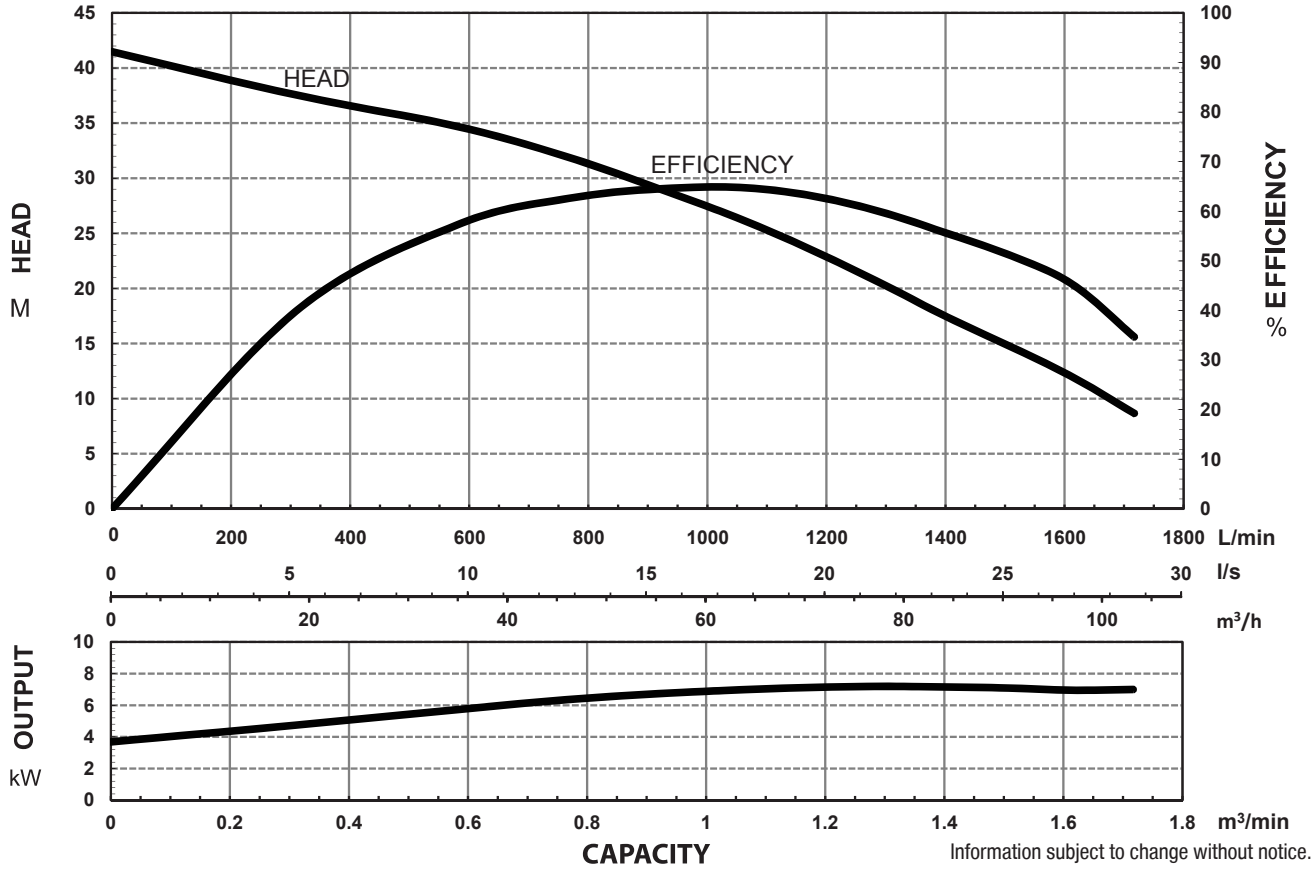
MODEL NUMBER STRUCTURE

U	Ultraflow
M	'M' indicates Manual, without floatswitch
D	'D' indicates 'Drainage' series
Z	'Z' indicates series
7500	Power consumption in 'Watts'
80	Outlet size
3	'3' indicates 415 volt three phase

SPECIFICATIONS

Power	7.5kW / 10HP
Frequency	50Hz
Discharge	80mm / 3 inch female BSP
Weight (Excl cable)	90KG
Solid Passage	20 mm
Phase	3ø
Voltage	415
Full Load Amps	14.4
Maximum Liquid Temperature	0-40° C
Maximum Submersion Depth	10m (33 feet)
Motor type	Dry motor
Motor Speed	2 Pole (2800 rpm)
Motor Insulation	Class F
Motor Protection	IP68
Protector	Auto cut
Motor Bearings	Ball Type
Seal Method	Dual Mechanical seal Upper: Carbon/Ceramic Lower; Silicon/Silicon
Impeller Type	Semi-open
Motor Cover Construction	FC-200 Cast Iron
Motor Casing Construction	FC-200 Cast Iron
Motor Shaft Construction	403 Stainless Steel
Pump Casing Construction	FC-200 Cast Iron
Impeller Construction	FC-200 Cast Iron
Strainer Construction	304 Stainless Steel
Cable Material	H07RN-F

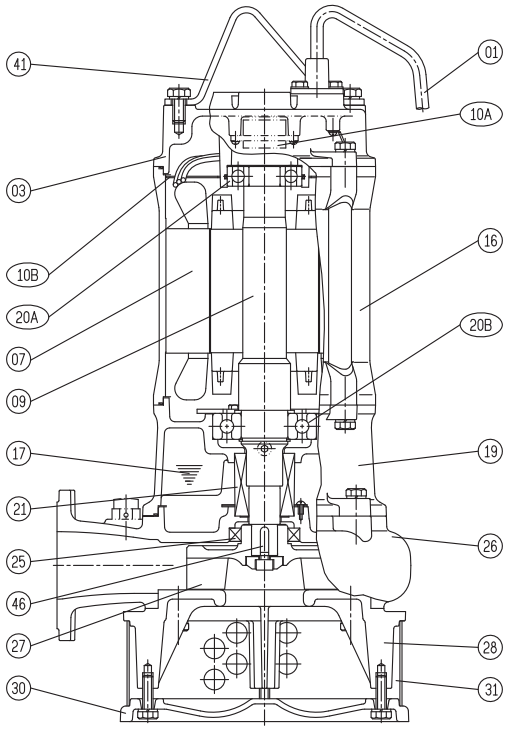
PERFORMANCE CURVES



Information subject to change without notice.

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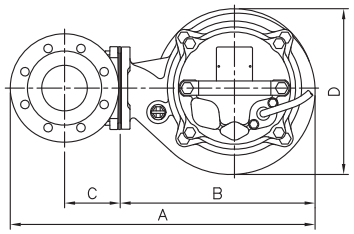
SECTIONAL DRAWING & MATERIALS LIST

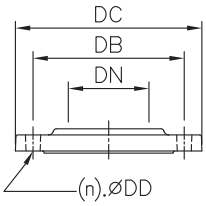


PART NUMBER	DESCRIPTION	MATERIAL
01	Cable	HO7RN-F
03	Upper Motor Cap/ Bearing Housing	Cast Iron FC-200
07	Motor Stator	
09	Shaft (With Rotor)	(Shaft) Stainless Steel 403
10A	Auto Cut Out Overload	
10B	Auto Cut Out Overload Mounting Plate	
16	Motor Casing	FC-200 Cast Iron
17	Lubricant	Turbine Oil
19	Lower Bearing Housing	Cast Iron FC-200
20A	Upper Bearing	
20B	Lower Bearing	
21	Mechanical Seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
25	Oil Seal	Nitrile
26	Pump Casing	Cast Iron FC-200
27	Impeller	Cast Iron FC-200
28	Suction Cover	Cast Iron FC-200
30	Pump Base Plate	Cast Iron FC-200
31	Strainer	304 Stainless Steel
41	Handle	304 Stainless Steel
46	Impeller Key	304 Stainless Steel
47	O'rings	
55	Oil Plug	304 Stainless Steel

When ordering spare parts as above, simply add the pump model number to the part number from the list above. For example, a power lead (part '01'). the complete spare part name would be written as '01-UMDZ7500/80/3'.

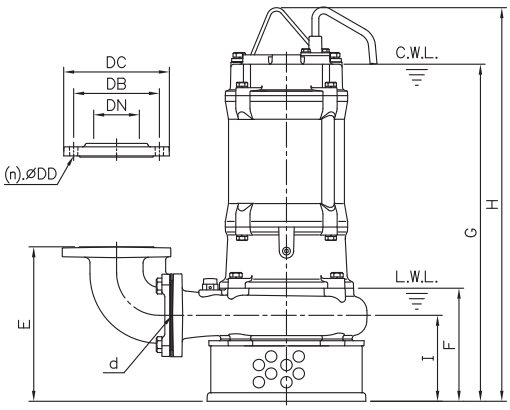
DIMENSIONAL DRAWING





DIMENSIONS - mm

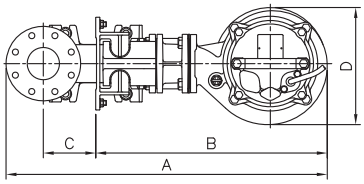
DN	DB	DC	DD
80	150	185	15

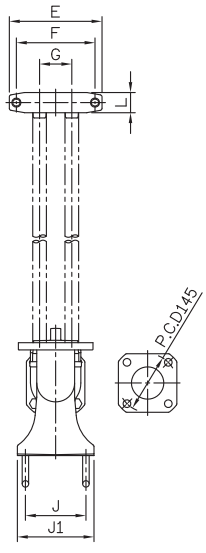


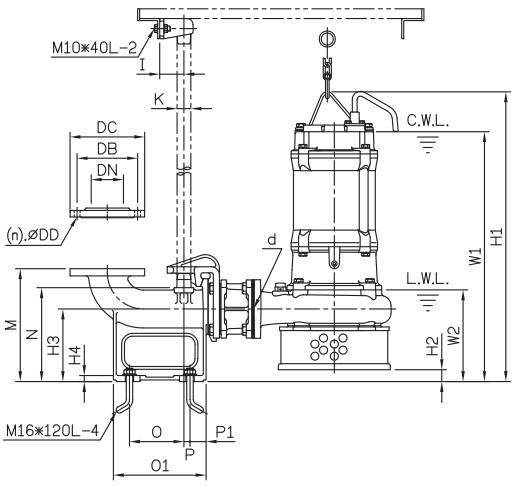
DIMENSIONS - UMDZ7500/80/3

d	A	B	C	D	E	F	G	H	I
80	534	342	98	290	271	198	590	689	151

GUIDE RAIL SYSTEM DIMENSIONS USING GR80HP GUIDE RAIL KIT







DIMENSIONS - UMDZ7500/80/3

d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4
80	797	574	130	290	230	195	80	60	150	190	32	50	280	233	135	230	15	40	620	228	719	30	180	15

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