

MODELS: UMHDDN1500/80/1
 UAHDDN1500/80/1
 UMHDDN1500/80/3
 UAHDDN1500/80/3



SPECIFICATIONS

Power	1.5kW / 2.0HP	
Frequency	50Hz	
Discharge	50mm / 2 inch female BSP	
Weight (Excl cable)	47Kg (44Kg - UMHDDN1500/80/3)	
Solid Passage	10 mm	
Phase	1ø	3ø
Voltage	240	415
Full Load Amps	9.8	3.4
Maximum Liquid Temperature	0-40° C	
Maximum Submersion Depth	30m (100 feet)	
Motor type	Dry motor	
Motor Speed	2 Pole (2800 rpm)	
Motor Insulation	Class B	
Motor Protection	IP68	
Protector	Auto cut	
Motor Bearings	Ball Type	
Seal Method	Dual Mechanical seal Upper: Carbon/Ceramic Lower: Silicon/Silicon	
Impeller Type	Enclosed Channel	
Motor Cover Construction	FC-200 Cast Iron	
Motor Casing Construction	304 Stainless Steel	
Motor Shaft Construction	403 Stainless Steel	
Pump Casing Construction	FC-200 Cast Iron	
Outer Pump Jacket Construction	304 Stainless Steel	
Impeller Construction	Hi-Chromium	
Wear Ring	Hi-Chromium	
Strainer Construction	304 Stainless Steel	
Cable Material	H07RN-F	



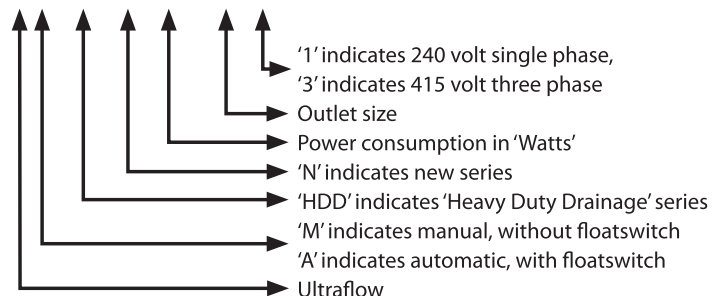
MANUAL



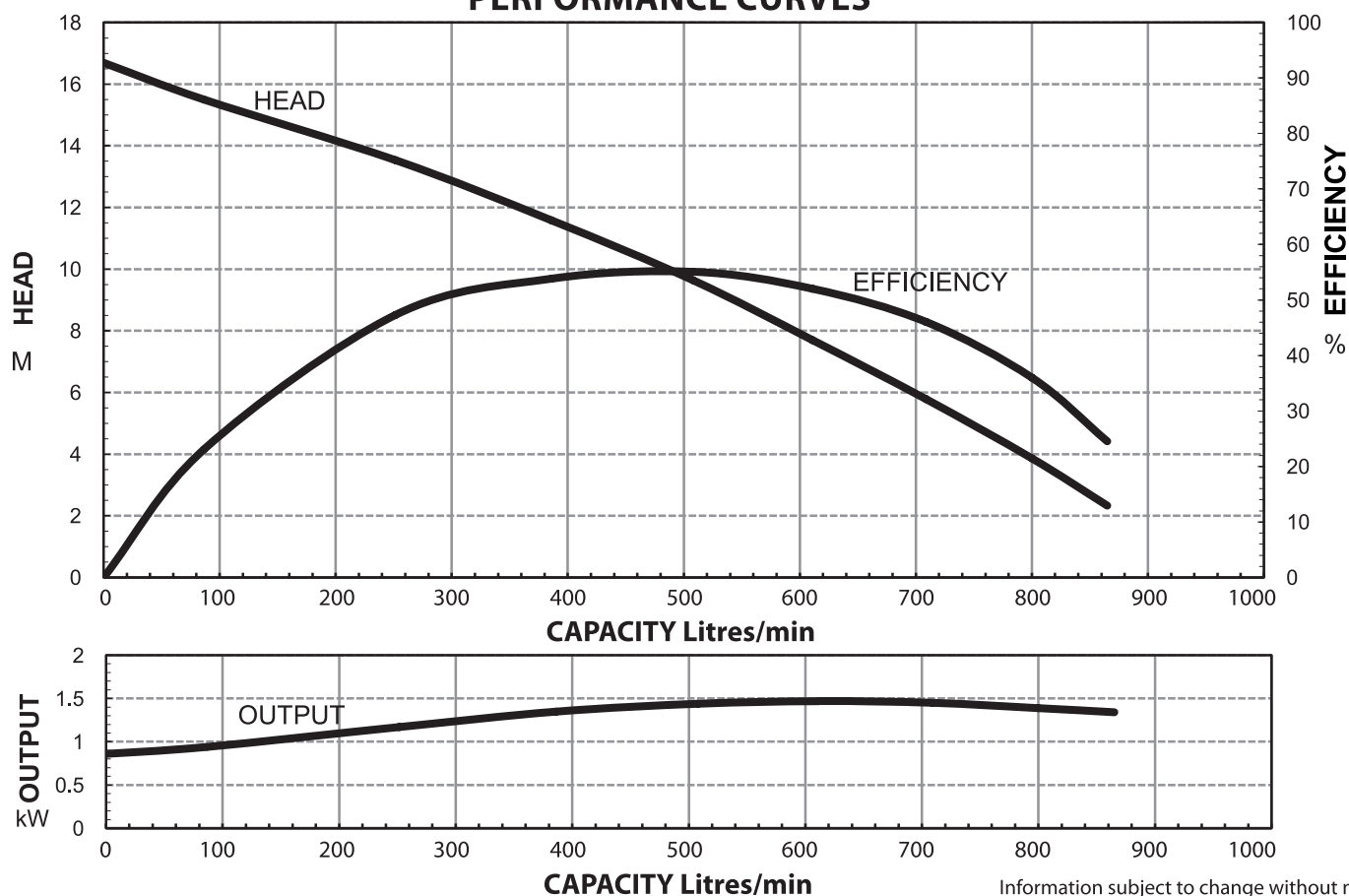
AUTOMATIC

MODEL NUMBER STRUCTURE

UMHDDN1500/80/1



PERFORMANCE CURVES



Information subject to change without notice.

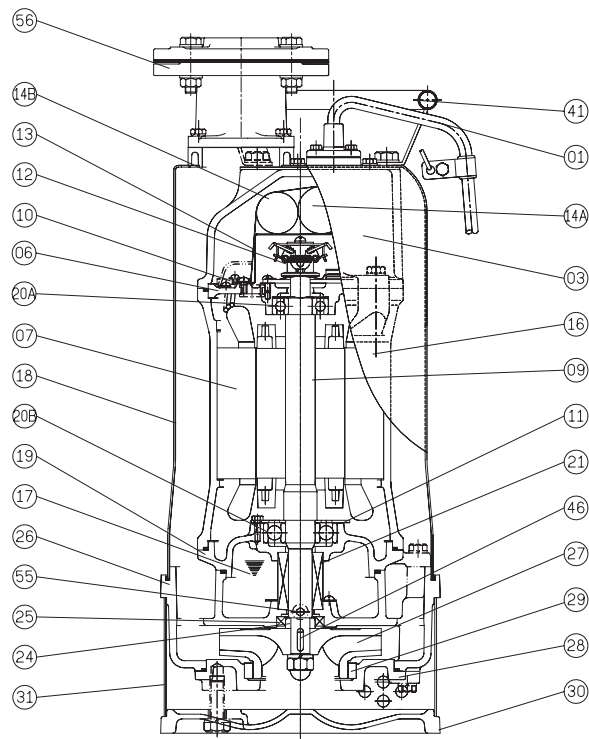


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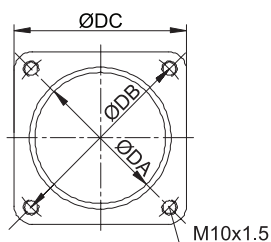
SECTIONAL DRAWING & MATERIALS LIST



Part Number	Description	Material	Notes
01	Cable	HO7RN-F	
03	Upper Motor Cap	Cast Iron FC-200	Motor cap and bearing housing are one part on UMHDDN1500/80/3
06	Upper Bearing Housing	Cast Iron FC-200	
07	Motor Stator		
09	Shaft With (With Rotor)	(Shaft) Stainless Steel 403	
10	Auto Cut Out Overload		
11	Bearing Fixer		
12	Centrifugal Switch		N/A on 3 phase models Transformer relay for UAHDDN1500/80/3
13	Centrifugal Switch Cover		
14A	Capacitor		
14B	Start Capacitor		
16	Motor Casing	304 Stainless Steel	
17	Lubricant	Turbine Oil	
18	Outer Cover	304 Stainless Steel	
19	Lower Bearing Housing	Cast Iron FC-200	
20A	Upper Bearing		
20B	Lower Bearing		
21	Mechanical Seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon	
24	Oil Seal Bush	304 Stainless Steel	
25	Oil Seal	Nitrile	
26	Pump Casing	Cast Iron FC-200	
27	Impeller	High Chromium HiCr	
28	Casing Cover	FC-200	
30	Pump Base	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	
56	Outlet Flange Kit		
FL	Floatswitch		

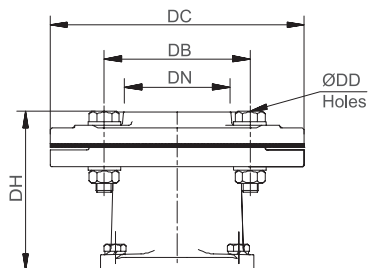
To order spare parts as above, it will be necessary to add the model number of the pump after the code listed above. For example, a power lead for a UAHDDN1500/80/1 would be written as '01-UAHDDN1500/80/1'.

PUMP OUTLET DIMENSIONS



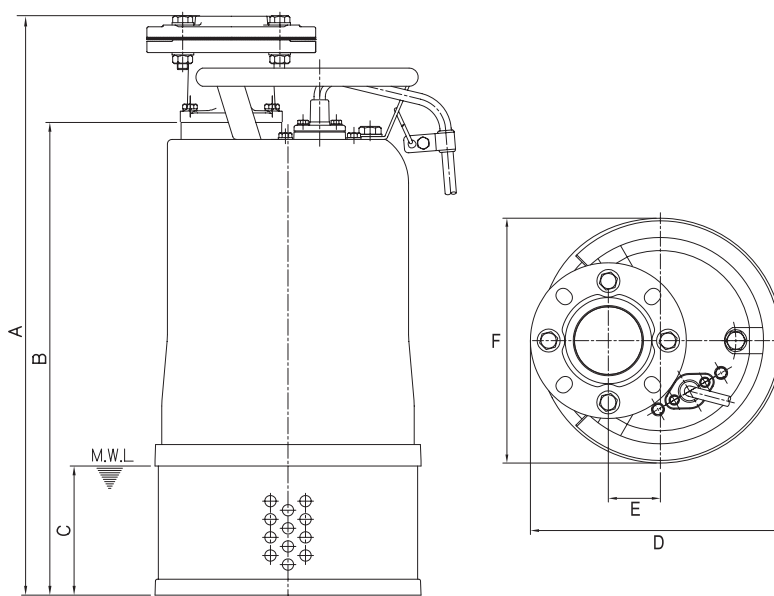
DIMENSIONS - mm		
DA	DB	DC
65	98	89

LKF3-150*98PT OUTLET FLANGE KIT DIMENSIONS



DIMENSIONS - mm					
DN	DB	DC	DD	DH	HOLES
80	150	185	15	112	8

DIMENSIONAL DRAWING



DIMENSIONS - mm					
UMHDDN1500/80/1, UAHDDN1500/80/1, UAHDDN1500/80/3					
A	B	C	D	E	F
560	448	115	260	50	235
UMHDDN1500/80/3					
A	B	C	D	E	F
515	403	115	260	50	235