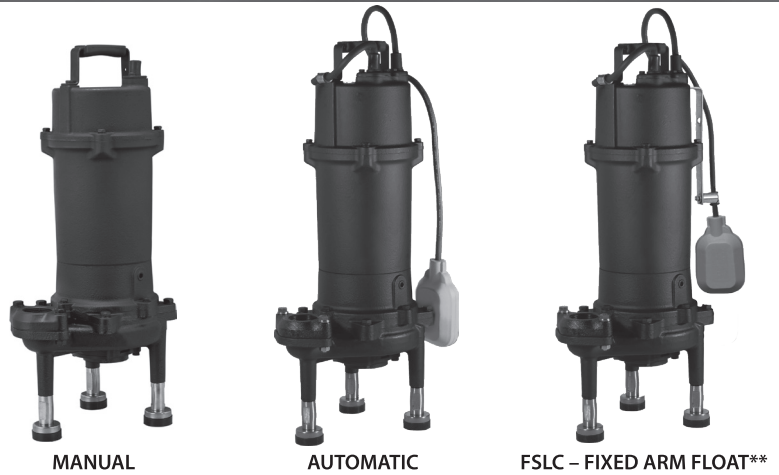


MODELS: UMGN1000/32/1
 UAGN1000/32/1
 UMGN1000/32/3
 UAGN1000/32/3
 UAGN1000/32/1-FSLC

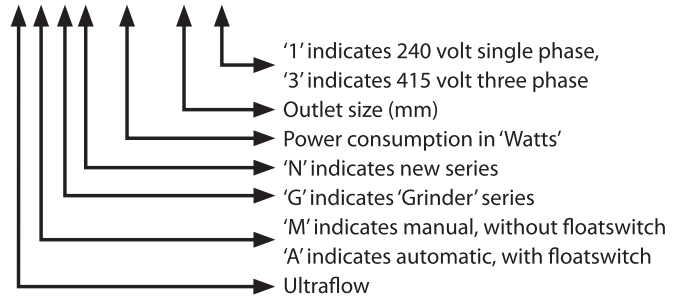


SPECIFICATIONS	
Power	1.0kW / 1.33HP
Frequency	50Hz
Discharge	32mm / 1¼ inch female BSP
Weight (Excl cable)	28Kg (25Kg – UMGN1000/32/3)
Phase	1ø 3ø
Voltage	240 415
Full Load Amps	6.4 2.3
Maximum Liquid Temperature	0-40° C
Maximum Submersion Depth	30m (100 feet)
Motor type	Dry motor
Motor Speed	2 Pole (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	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
Grinder	Heat Treated 440 Stainless Steel
Grinder Ring	Heat Treated 440 Stainless Steel
Cable Material	H07RN-F



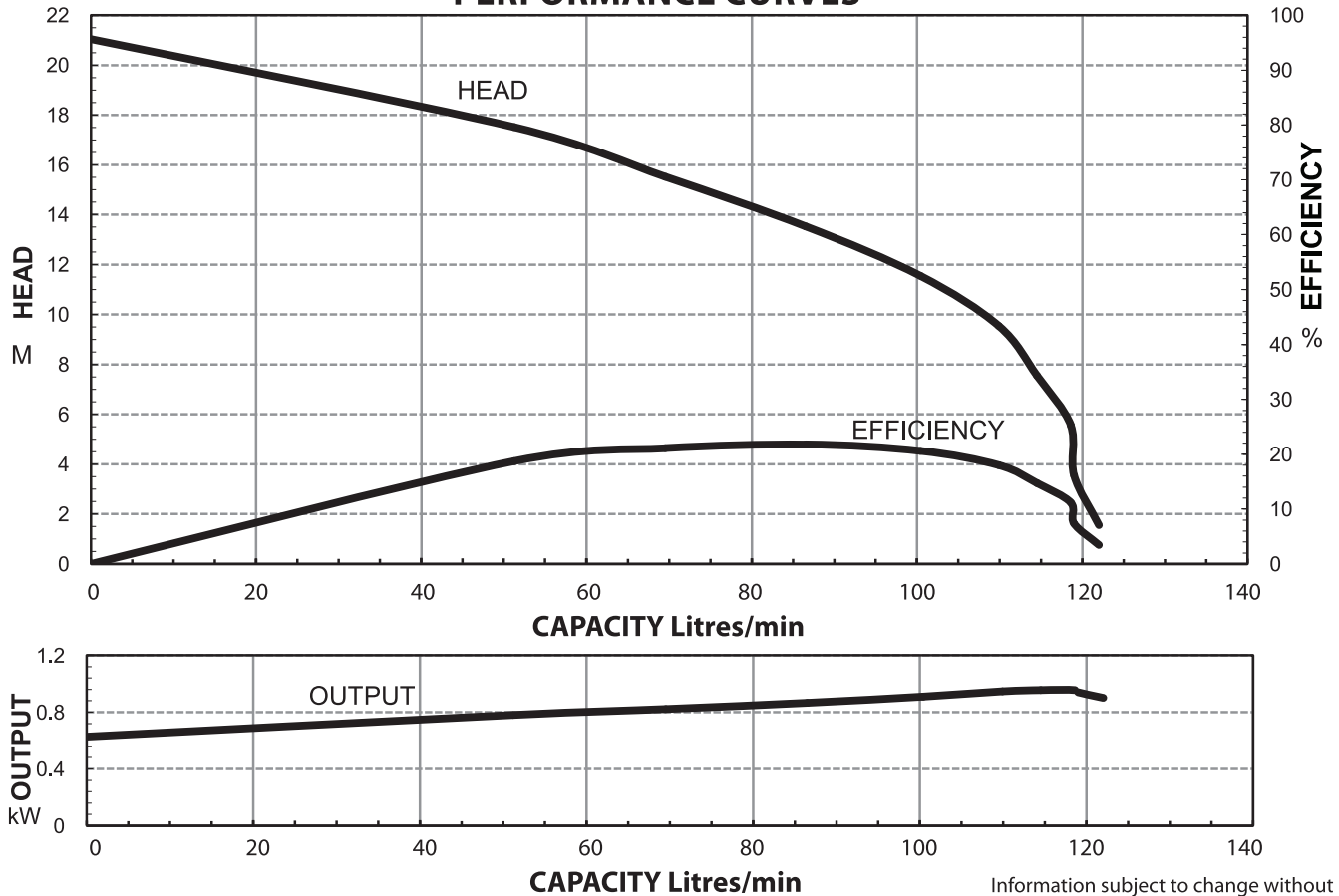
MODEL NUMBER STRUCTURE

UMGN1000/32/1



FSLC indicates pump is fitted with a fixed stainless steel arm bracket for floatswitch models which are used in applications to prevent the floatswitch from interfering with the sides of small pump wells

PERFORMANCE CURVES



Information subject to change without notice.



Pumps and Pipes

PP&S Pty Ltd
 ABN 46 169 428 504

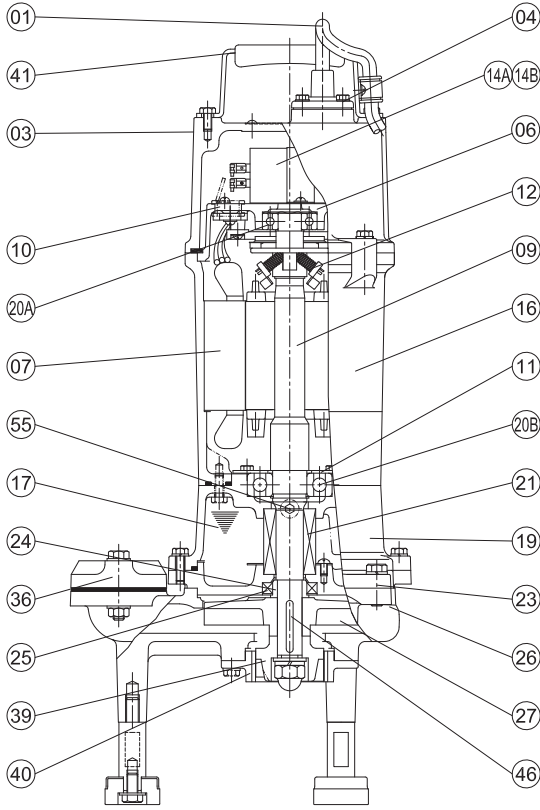
52 Moss Street, Slacks Creek QLD 4127
 Ph: (07) 3208 9499

sales@pumpsandpipes.net.au
 www.pumpsandpipes.net.au

MODELS: UMGN1000/32/1
 UAGN1000/32/1
 UMGN1000/32/3
 UAGN1000/32/3
 UAGN1000/32/1-FSLC



SECTIONAL DRAWING & MATERIALS LIST



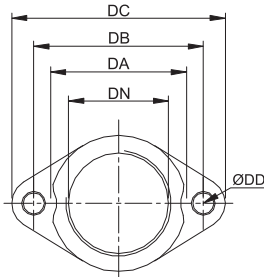
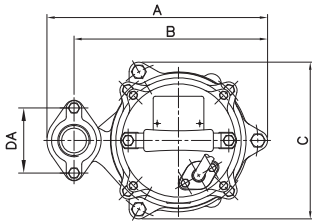
Part Number	Description	Material/Notes
01	Cable	HO7RN-F
03	Upper Motor Cap	Cast Iron FC-200
04	Cable Gland Cover	
06	Upper Bearing Housing	Cast Iron FC-200
07	Motor Stator	
09	Shaft With (With Rotor)	(Shaft) Stainless Steel 403
10	Auto Cut Out Overload	
12	Centrifugal Switch (240 volt models only)	(Transformer relay for UAGN1000/32/3)
14A	Capacitor (240 volt models)	
14B	Start Capacitor	(240 volt models only)
16	Motor Casing	Cast Iron FC-200
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
23	Mechanical Seal Housing	Cast Iron FC-200
24	Oil Seal Bush	
25	Oil Seal	Nitrile
26	Pump Casing	Cast Iron FC-200
27	Impeller	Cast Iron FC-200
36	Outlet Flange	Cast Iron FC-200
39	Grinder	Heat Treated 440 Stainless Steel
40	Grinder ring	Heat Treated 440 Stainless Steel
41	Handle	304 Stainless Steel
46	Impeller Key	304 Stainless Steel
47	O'rings	
55	Oil Plug	304 Stainless Steel
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 UAGN1000/32/1 would be written as '01-UAGN1000/32/1'.

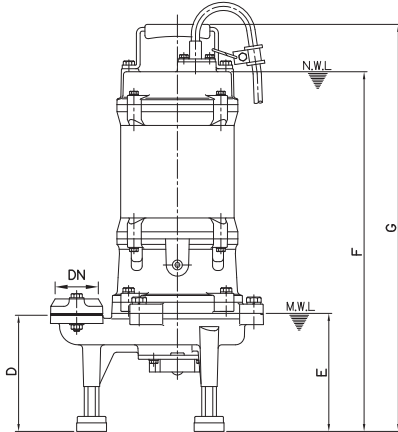
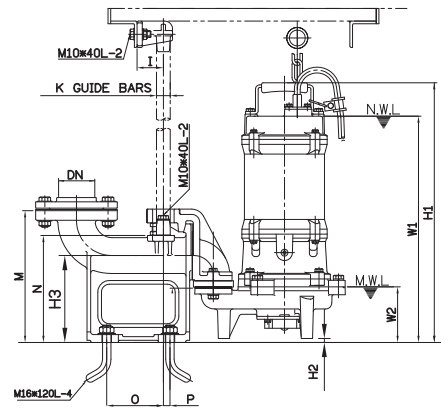
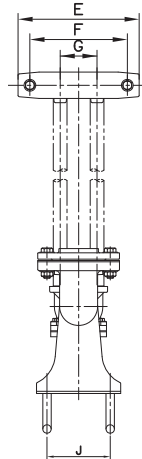
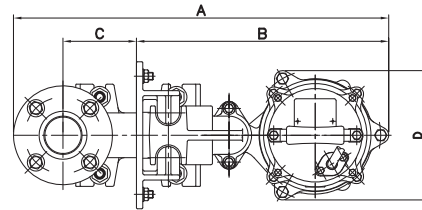
DIMENSIONAL DRAWING

ELBOW (FLANGE) SET

GUIDE RAIL SYSTEM DIMENSIONS USING GR50 GUIDE RAIL KIT



DIMENSIONS - mm				
DN	DA	DB	DC	DD
32	70	84	105	9.5



DIMENSIONS - mm								
UMGN1000/32/1, UAGN1000/32/1 & UAGN1000/32/3								
DN	DA	A	B	C	D	E	F	G
32	84	249	214	177	156	160	498	555
UMGN1000/32/3								
DN	DA	A	B	C	D	E	F	G
32	84	249	214	177	156	160	473	530

DIMENSIONS - mm																			
UMGN1000/32/1, UAGN1000/32/1 & UAGN1000/32/3																			
DN	A	B	C	D	E	F	G	I	J	K	M	N	O	P	W1	W2	H1	H2	H3
50	552	359	115	177	230	185	70	50	120	25	250	203	108	13	445	90	502	6	165
UMGN1000/32/3																			
DN	A	B	C	D	E	F	G	I	J	K	M	N	O	P	W1	W2	H1	H2	H3
50	552	359	115	177	230	185	70	50	120	25	250	203	108	13	420	90	477	6	165

PUMP LEGS TO BE UNSCREWED FOR GUIDE RAIL APPLICATIONS

Information subject to change without notice.