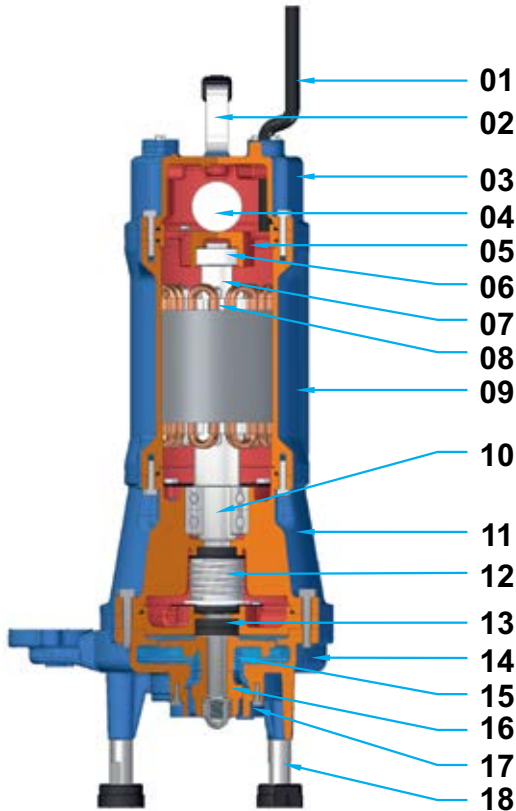


Submersible Grinder Pumps

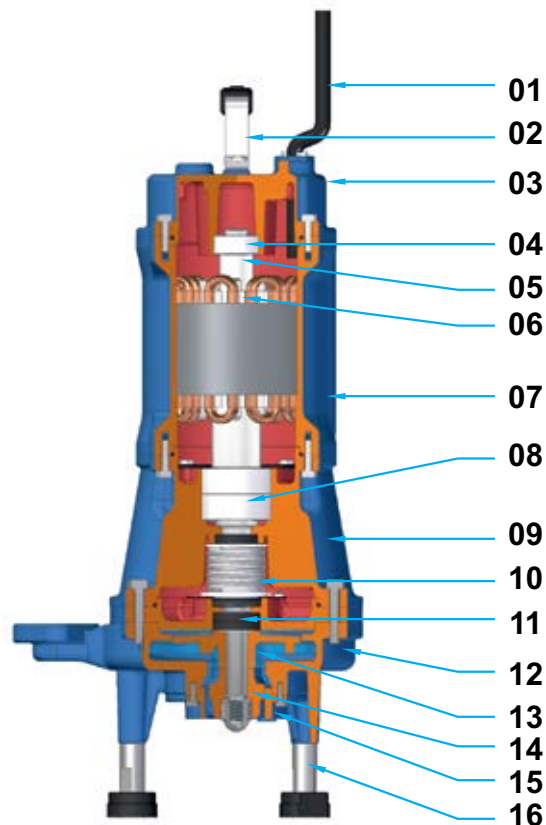
PSGF Series

Cross Section • 1-2 HP Single Phase



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	CAPACITOR	-
05	TOP BEARING PLATE	CI IS-210, FG260
06	BEARING (6304)	FAG. (GREASE LUB.)
07	ROTOR SHAFT	S.S 410
08	ROTOR	ALU. DYE-CAST
09	MOTOR BODY	CI IS-210, FG260
10	BEARING (6307)	FAG. (GREASE LUB.)
11	OIL CHAMBER	CI IS-210, FG260
12	MECHANICAL SEAL	CA/CE & SIC/SIC
13	OIL SEAL	NITRILE RUBBER
14	VOLUTE	CI IS-210, FG260
15	IMPELLER	CI IS-210, FG260
16	RADIAL CUTTER	SUS440C
17	CUTTER RING	SUS440C
18	FOOTTING LEG	S.S-304
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section • 1-2 HP Three Phase

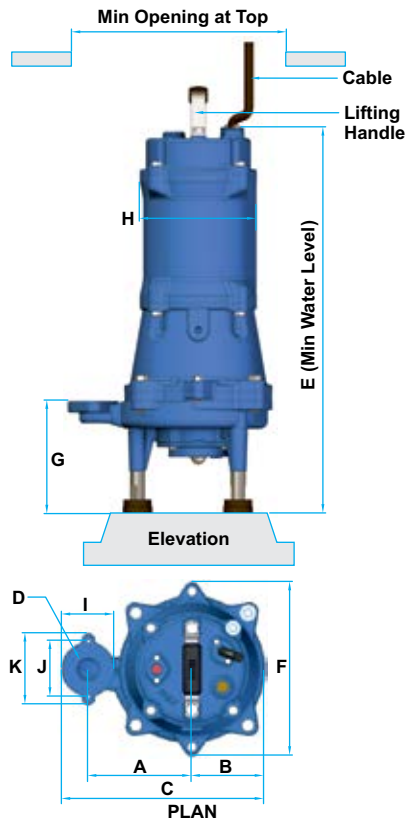


NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S-304
03	TOP COVER	CI IS-210, FG260
04	BEARING (6203)	FAG. (GREASE LUB.)
05	ROTOR SHAFT	S.S 410
06	ROTOR	ALU. DYE-CAST
07	MOTOR BODY	CI IS-210, FG260
08	BEARING (6303)	FAG. (GREASE LUB.)
09	OIL CHAMBER	CI IS-210, FG260
10	MECHANICAL SEAL	CA/CE & SIC/SIC
11	OIL SEAL	NITRILE RUBBER
12	VOLUTE	CI IS-210, FG260
13	IMPELLER	CI IS-210, FG260
14	RADIAL CUTTER	SUS440C
15	CUTTER RING	SUS440C
16	FOOTTING LEG	S.S-304
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Submersible Grinder Pumps

PSGF Series

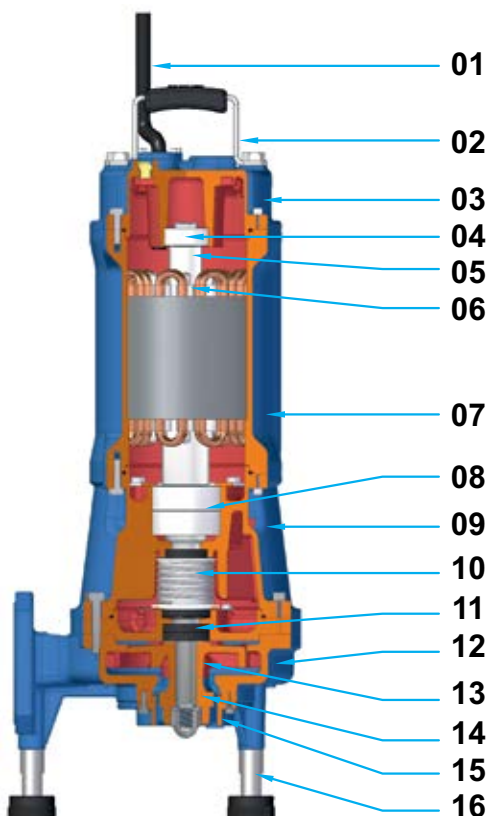
GA Drawing • 1-2 HP Single Phase



All Dimension are in mm

MODEL	MIN. OPE-NING	A	B	C	D	E	F	G	H	I	J	K	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSGFF1.5H	545	147	103	288	32	625	245	158	126	75	79	100	47	28x10x13	53
PSSGF1.5H	545	147	103	288	32	625	245	158	126	75	79	100	47	28x10x13	53
PSTGF1.5H	545	147	103	288	32	625	245	158	126	75	79	100	47	28x10x13	53
PSSGFF2.0H	545	147	103	288	32	642	245	158	163	75	79	100	49	28x10x13	55
PSSGF2.0H	545	147	103	288	32	642	245	158	163	75	79	100	48	28x10x13	54
PSTGF2.0H	545	147	103	288	32	617	245	158	163	75	79	100	45	28x10x13	51

Cross Section • 3-5 HP Grinder Cross Three Phase

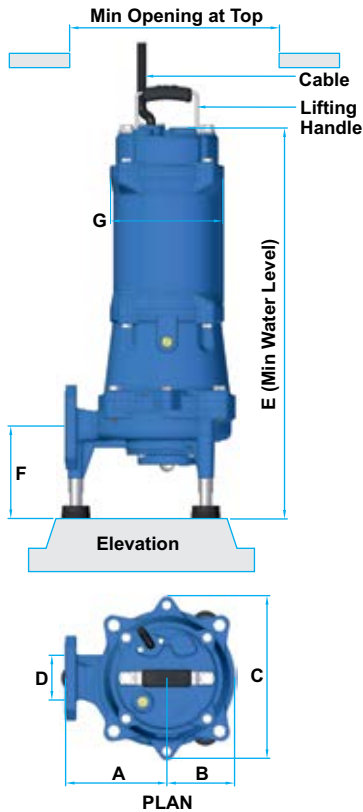


NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	BEARING	FAG. (GREASE LUB.)
05	ROTOR SHAFT	S.S 410
06	ROTOR	ALU. DYE-CAST
07	MOTOR BODY	CI IS-210, FG260
08	BEARING	FAG. (GREASE LUB.)
09	OIL CHAMBER	CI IS-210, FG260
10	MECHANICAL SEAL	CA/CE & SIC/SIC
11	OIL SEAL	NITRILE RUBBER
12	VOLUTE	CI IS-210, FG260
13	IMPELLER	CI IS-210, FG260
14	RADIAL CUTTER	CI IS-210, FG260
15	CUTTER RING	CI IS-210, FG260
16	FOOTTING LEG	S.S-304
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Submersible Grinder Pumps

PSGF Series

GA Drawing • 3-5 HP Three Phase



All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSTGF3.0M	545	146	98	235	50	566	235	163	50	28x10x13	56
PSTGF5.0H	570	159	111	260	50	660	260	135	64	28x10x13	70

Performance Chart • 2900 RPM

No.	Model	HP / KW	Phase	Del. Size in mm		HEAD IN METERS															
						2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	
1	PSSGFF1.5H	1.5 / 1.1	1	32	DISCHARGE IN m³/hr	7.5	7.3	7.0	6.8	6.5	6.0	5.5	4.0	3.0							
2	PSSGF1.5H	1.5 / 1.1	1	32		7.5	7.3	7.0	6.8	6.5	6.0	5.5	4.0	3.0							
3	PSTGF1.5H	1.5 / 1.1	3	32		7.5	7.3	7.0	6.8	6.5	6.0	5.5	4.0	3.0							
4	PSSGFF2.0H	2.0 / 1.5	1	32		8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.0	6.5	6.2	5.8	4.8	3.5	2.0		
5	PSSGF2.0H	2.0 / 1.5	1	32		8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.0	6.5	6.2	5.8	4.8	3.5	2.0		
6	PSTGF2.0H	2.0 / 1.5	3	32		8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.0	6.5	6.2	5.8	4.8	3.5	2.0		
7	PSTGF3.0M	3.0 / 2.2	3	50		20.0	19.8	19.6	19.4	19.0	18.5	18.0	16.0	14.5	12.0	9.5	6.0				
8	PSTGF3.0H	3.0 / 2.2	3	32		10.0	9.8	9.7	9.6	9.5	9.4	9.3	9.0	8.5	8.0	7.5	6.7	5.5	4.0	2.0	
9	PSTGF5.0H	5.0 / 3.7	3	50		20.0	19.9	19.7	19.6	19.5	19.3	19.2	19.0	18.5	18.0	17.0	15.0	13.0	10.0	6.0	

Performance Curves • 2900 RPM

