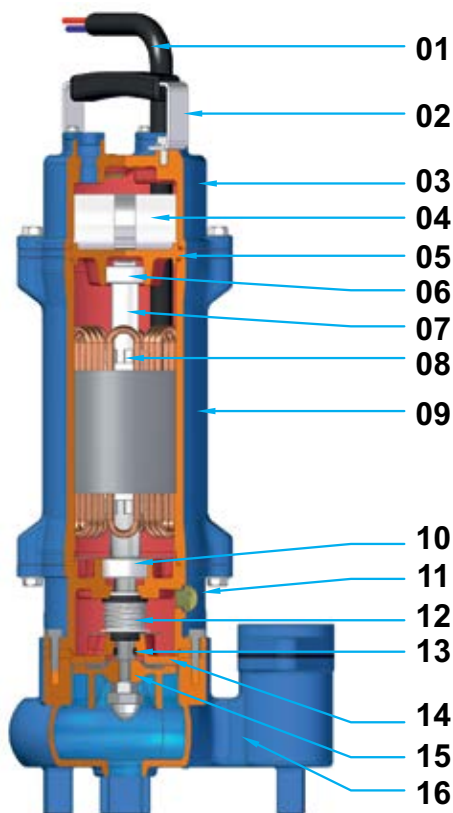


Submersible Sewage Pumps (Vortex Design)

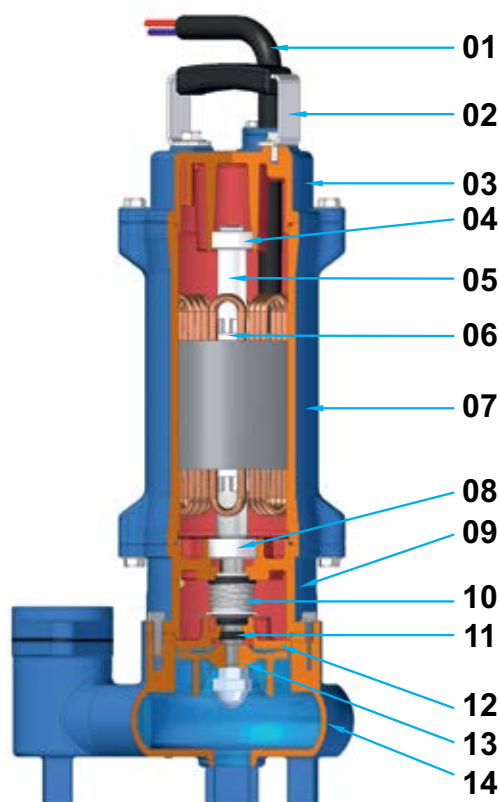
PSNCV Series

Cross Section • 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	REPUTED MAKE
05	TOP BEARING PLATE	CI IS-210, FG260
06	BEARING (6203)	FAG. (GREASE LUB.)
07	ROTOR SHAFT	S.S 410
08	ROTOR	ALU. DYE-CAST
09	MOTOR BODY	CI IS-210, FG260
10	BEARING (6303)	FAG. (GREASE LUB.)
11	OIL CHAMBER	CI IS-210, FG260
12	MECHANICAL SEAL	CA/CE & SIC/SIC
13	OIL SEAL	NITRILE RUBBER
14	SEAL PLATE	CI IS-210, FG260
15	IMPELLER	CI IS-210, FG260
16	VOLUTE	CI IS-210, FG260
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section • Three Phase

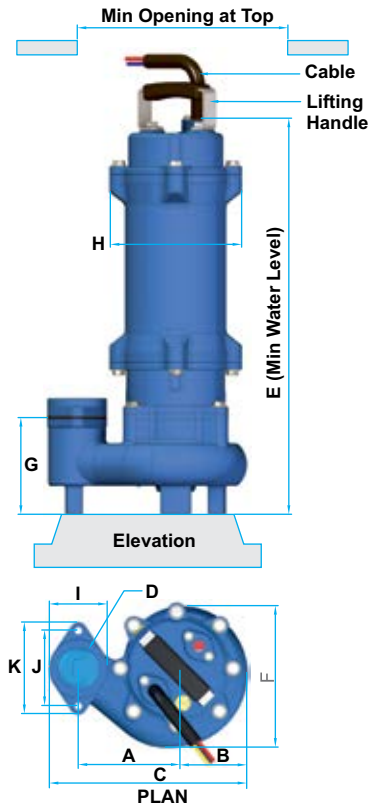


NO.	DESCRIPTION	MATERIAL
1	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
2	LIFTING HANDLE	S.S.
3	TOP COVER	CI IS-210, FG260
4	BEARING (6203)	FAG. (GREASE LUB.)
5	ROTOR SHAFT	S.S 410
6	ROTOR	ALU. DYE-CAST
7	MOTOR BODY	CI IS-210, FG260
8	BEARING (6303)	FAG. (GREASE LUB.)
9	OIL CHAMBER	CI IS-210, FG260
10	MECHANICAL SEAL	CA/CE & SIC/SIC
11	OIL SEAL	NITRILE RUBBER
12	SEAL PLATE	CI IS-210, FG260
13	IMPELLER	CI IS-210, FG260
14	VOLUTE	CI IS-210, FG260
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Submersible Sewage Pumps (Vortex Design)

PSNCV Series

GA Drawing • Single & Three 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.
PSSNCVF1.0L	490	118	85	237	50	540	153	115	126	70	90	110	27	22x9x12	32
PSTNCV1.0L	490	118	85	237	50	540	153	115	126	70	90	110	27	22x9x12	32
PSSNCVF2.0H	520	134	101	270	50	522	187	120	145	70	90	110	35	22x9x12	40
PSTNCV2.0H	520	134	101	270	50	522	187	120	145	70	90	110	35	22x9x12	40
PSSNCVF2.0L	520	134	101	270	50	522	187	120	145	70	90	110	35	22x9x12	40
PSTNCV2.0L	520	134	101	270	50	522	187	120	145	70	90	110	35	22x9x12	40
PSTNCV3.0H	540	159	131	232	80	595	235	163	165	70	90	110	45	26x11x13	52
PSTNCV5.0H	540	159	131	232	80	622	235	188	165	70	90	110	55	26x11x13	62
PSTNCV5.0L	540	159	131	232	80	622	235	188	165	70	90	110	55	26x11x13	62

Performance Chart • 2900 RPM

No.	Model	HP / KW	Phase	Del. Size in mm	Solid Handl in mm		HEAD IN METERS																				
							2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34				
1	PSSNCVF1.0L	1.0 / 0.75	1	50	35	DISCHARGE IN m ³ /hr		20	17	13	9	5															
2	PSTNCV1.0L	1.0 / 0.75	3	50	35			20	17	13	9	5															
3	PSSNCVF2.0H	2.0 / 1.5	1	50	35			25	24	21	18	15	12	7	3												
4	PSTNCV2.0H	2.0 / 1.5	3	50	35			25	24	21	18	15	12	7	3												
5	PSSNCVF2.0L	2.0 / 1.5	1	80	50		42	36	30	25	21	14	5														
6	PSTNCV2.0L	2.0 / 1.5	3	80	50		42	36	30	25	21	14	5														
7	PSTNCV3.0H	3.0 / 2.2	3	80	50		51	47	42	36	31	25	18	11	3												
8	PSTNCV5.0H	5.0 / 3.7	3	80	50			66	61	56	51	47	40	33	24	17	7										
9	PSTNCV5.0L	5.0 / 3.7	3	80	75			70	61	53	42	30	15														
10	PSTNCV7.5H	7.5 / 5.5	3	80	50			75	72	66	63	60	54	45	39	33	27	12	6								
11	PSTNCV7.5L	7.5 / 5.5	3	80	75			82	78	66	60	54	42	30	15	11											
12	PSTNCV10H	10.0 / 7.5	3	80	50				84	78	76	72	66	60	54	49	44	36	30	15	12	6					
13	PSTNCV10L	10.0 / 7.5	3	80	75					84	79	76	69	58	42	36	30	14	6								
14	PSTNCV15H	15.0 / 11.0	3	80	50					90	87	85	82	78	72	71	66	60	54	45	42	37	24	15	6		
15	PSTNCV15L	15.0 / 11.0	3	80	75						105	102	90	84	72	67	65	51	42	24	21	16					

PSNCV Series

Performance Curves • 2900 RPM

