

Series 2SEV-DS & 3SEV-DS

2" & 3" NPT Discharge - Submersible Sewage Ejectors

1.5 & 2.0HP, 3450RPM

BARNES®

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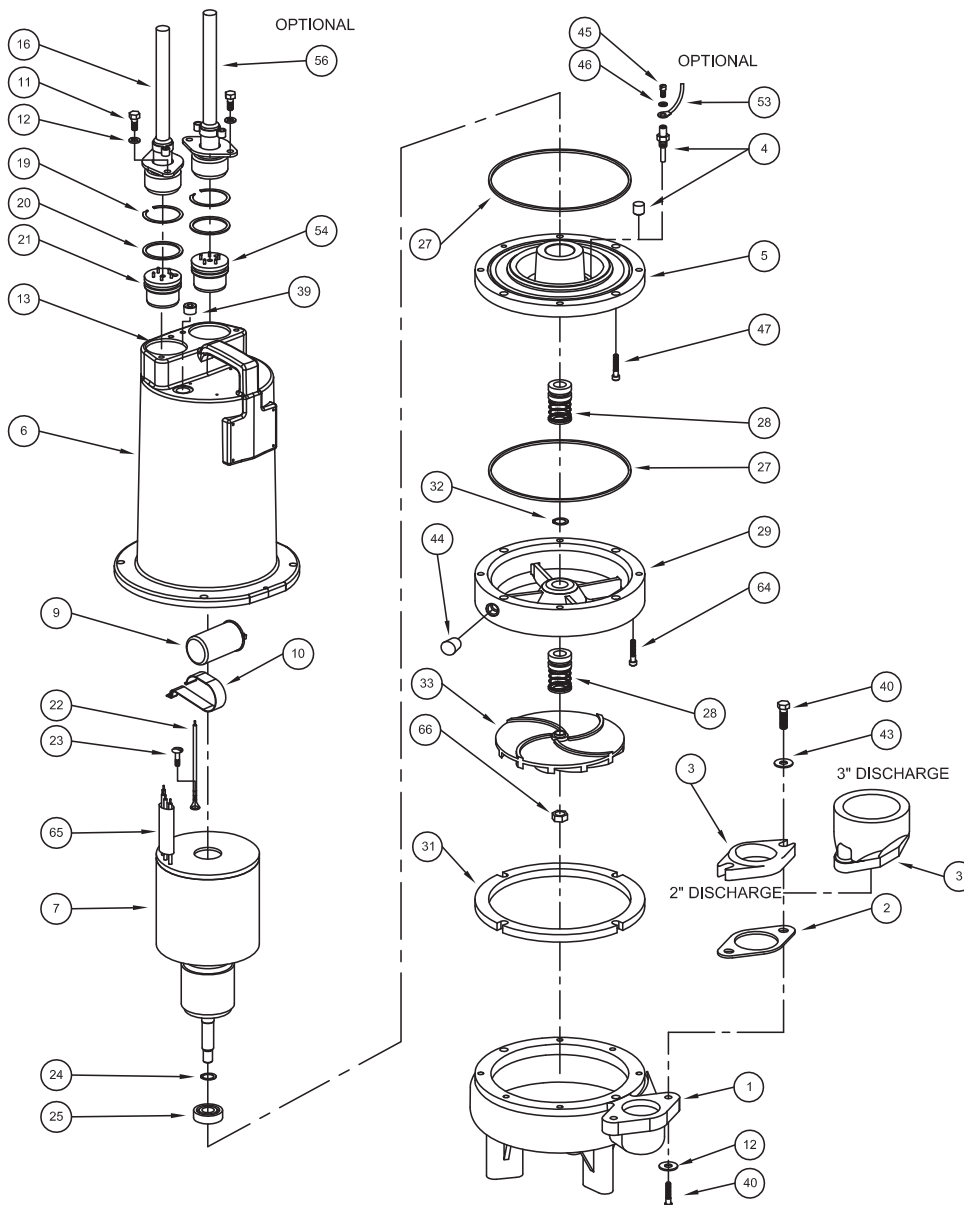
BARNES • PROSSER • CROWN SERVICE PARTS

MODEL	PART NO.	MODEL	PART NO.
2SEV1522L	104187	3SEV1522L	Not Yet Available
2SEV1592L	104188	3SEV1592L	Not Yet Available
2SEV1542L	104189	3SEV1542L	Not Yet Available
2SEV1552L	105774	3SEV1552L	Not Yet Available
2SEV2022L	104190	3SEV2022L	Not Yet Available
2SEV2092L	104191	3SEV2092L	Not Yet Available
2SEV2042L	104192	3SEV2042L	Not Yet Available
2SEV2052L	105775	3SEV2052L	Not Yet Available



Questions? Call 1-800-810-1053

Manual: 115941



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CRANE®

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PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

BARNES • PROSSER • CROWN SERVICE PARTS

PARTS KITS

Seal Repair Kits:

Single Seal.....P/N - 130181 (+) 2, 20, 27, 28, 36

Double Seal.....P/N - 130177 (†) 2, 20, 27, 28, 36

Service Kits

Single Seal.....P/N - 130208 (◇) 2, 20, 22, 24, 25, 27, 28, 36, 44, 49, 65, 66

Double Seal.....P/N - 130173 (◆) 2, 20, 22, 24, 25, 27, 28, 32, 36, 44, 49, 65, 66

Pressure Gauge KitP/N - 085343

PARTS LIST

ITEM	QTY.	PART NO.	DESCRIPTION	
1	1	055400	Volute	
2	1	069140	Gasket	+†◇
3	1	026210	Flange, 2" Discharge	
		105153	Flange, 3" Discharge	
4	2	003217	Pipe Plug	All double seal (Std), .25" NPT, ZP
	2	039383	Moisture Sensor Probes	(Optional) for moisture sensor
5	1	084343	Seal Plate	All single seal
		084429		All double seal
6	1	108342A	Motor Housing	(Std)
		110328B		(Optional) for moisture and temp. sensors
7	1		Motor:	
		115927D	2SEV1522DS, 2SEV2022DS, 3SEV1522DS, 3SEV2022DS	
		115928D	2SEV1592DS, 2SEV2092DS, 3SEV1592DS, 3SEV2092DS	
		115928D	2SEV1542DS, 2SEV2042DS, 3SEV1542DS, 3SEV2042DS	
		115929D	2SEV1552DS, 2SEV2052DS, 3SEV1552DS, 3SEV2052DS	
		115927S	2SEV1522L, 2SEV2022L, 3SEV1522L, 3SEV2022L	
		115928S	2SEV1592L, 2SEV2092L, 3SEV1592L, 3SEV2092L	
		115928S	2SEV1542L, 2SEV2042L, 3SEV1542L, 3SEV2042L	
		115929S	2SEV1552L, 2SEV2052L, 3SEV1552L, 3SEV2052L	
8	96oz	029034	Oil	All single seal
	120oz	029034	Oil	All double seal (Includes 24oz. in Seal Chamber)
9	1	036391	Capacitor	1 Phase,
10	1	039858	Capacitor Bracket	1 Phase
11	2	1-129-1	Hex. Hd. Cap Screw	(Std), 5/16-18 x .75" Lg., Stainless
	4	1-129-1	Hex. Hd. Cap Screw	(Optional) for moisture and temp. sensors
12	6	026322	Lockwasher	(Std), 5/16, Stainless
	8	026322	Lockwasher	(Optional) for moisture and temp. sensors
16	1	See Table 2	Power Cord Set	
19	1	105197	Snap Ring	(Std)
	2	105197	Snap Ring	(Optional) for moisture and temp. sensors
20	1	2-31051-224	O-ring	(Std)
	2	2-31051-224	O-ring	(Optional) for moisture and temp. sensors
21	1	103760	Terminal Block	1 Phase
		103583		3 Phase
22	1	105111	Ground Wire Assembly	3 Phase
	1	105111A	Ground Wire Assembly	1 Phase
	2	105111	Ground Wire Assembly	(Optional) for moisture and temp. sensors
23	1	016660	Screw, Self Tapping	#8-32 x .375" Lg., Stainless
24	1	061143	Retaining Ring	
25	1	039734	Bearing	
26	4	1-158-1	Cap Screw	All single seal, 5/16-18 x 2.50" Lg., Stainless
		0116491		All double seal
27	1	027269	Square Ring	All single seal
	2	027269	Square Ring	All double seal
28	1		Shaft Seal: (Qty 2 for DS)	
		067562	Carbon/Ceramic/Buna-N (STD)	
		067562SB	Tungsten/Tungsten/Buna-N	
		067562SD	Silicon Carbide/Silicon Carbide/Buna-N	

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Series 2SEV-L & 3SEV-L & DS

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ITEM	QTY.	PART NO.	DESCRIPTION
		067562SF	Carbon/Ceramic/Viton
		067562SH	Tungsten/Tungsten/Viton
		067562SK	Silicon Carbide/Silicon Carbide/Viton
		067562SM	Silicon Carbide/Tungsten/Buna-N
		067562SN	Carbon/Ni-Resistant/Buna-N
		067562SP	Carbon/Ni-Resistant/Neoprene
29	1	115943	Seal Housing All double seal
31	1	105145	Spacer Ring
32	1	2-27008-62	Retaining Ring All double seal
33	1		Impeller, Cast Iron
		107032CTE	4.62 Dia. (STD for a 2.0 HP)
		107032CTF	4.50 Dia.
		107032CTG	4.37 Dia. (STD for a 1.5 HP)
		107032CTH	4.25 Dia.
		107032CTJ	4.12 Dia.
		107032CTK	4.00 Dia.
		107032CTL	3.88 Dia.
39	1	014270	Pipe Plug .375" NPT, ZP
40	2	1-36-1	Hex. Hd. Cap Screw 2" Discharge, 3/8-16 x 1.25" Lg., Stainless
		2-23030-59	Soc. Hd. Cap Screw 3" Discharge, 5/16-18 x 1.50" Lg., Stainless
41	A/R	-----	Loctite 242
42	A/R	-----	Permatex 2C
43	2	082727	Washer 2" Discharge, 3/8" Stainless
44	1	003217	Pipe Plug All double seal, .25" NPT, ZP
45	2	5-32-6	Screw (Optional) for moisture sensor, #6-32 x .25" Lg., ZP
46	2	052563	Lockwasher (Optional) for moisture sensor #6 Stl.
47	2	084948	Socket Head Screw 1/4-20 x 1.25" Lg., Stainless
48	1	See BOM	Terminal Connector 200-240V, 3Ph
	3	See BOM	Terminal Connector 480V, 3PH
48A	3	085078	Blue-Butt Connector 480V, 3PH
49	3	105149	Wire Assembly 200-240V, 3Ph
50	1	051621	Thermal Sensor (Optional) for temperature sensor, (Not Shown)
51	2	105155	Wire Assembly (Optional) for temperature sensor, (Not Shown)
52	2	134013	Terminal Connector (Optional) for temperature sensor, (Not Shown)
53	2	105106	Wire Assembly (Optional) for moisture sensor
54	1	103584	Terminal Block Temperature sensor options
		103585	Moisture and temp. sensor options
56	1	See Table 2	Control Cord (Optional) for moisture and/or temp. sensors
56a	1	103582	Compression Flange Included with Cord Set
57	A/R		Loctite 603
64	2	030337	Socket Head Cap Screw Double seal Only, 1/4-20 x 2" Lg., Stainless
65	1	625-02117	Sleeve, Fiberglass
66	1	038132	Jam Nut 5/8-18, SS

TABLE 2 - POWER & SENSOR CORD SETS

CABLE LENGTH	ITEM #16 240 VOLT 1 PHASE	ITEM #16 3 PHASE	ITEM #56 (OPTIONAL) Temperature - 3 Phase	ITEM #56 (OPTIONAL) Moisture and Temperature Sensor 3 Phase or Moisture Sensor
8 FT	----	103742A	103741A	113288A
15 FT	109498	103742	103741	113288
20 FT	109498XA	103742XA	103741XA	113288XA
30 FT (Std)	109498XC	103742XC	103741XC	113288XC
50 FT	109498XF	103742XF	103741XF	113288XF
75 FT	109498XJ	103742XJ	103741XJ	113288XJ
100 FT	109498XL	103742XL	103741XL	113288XL

End

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