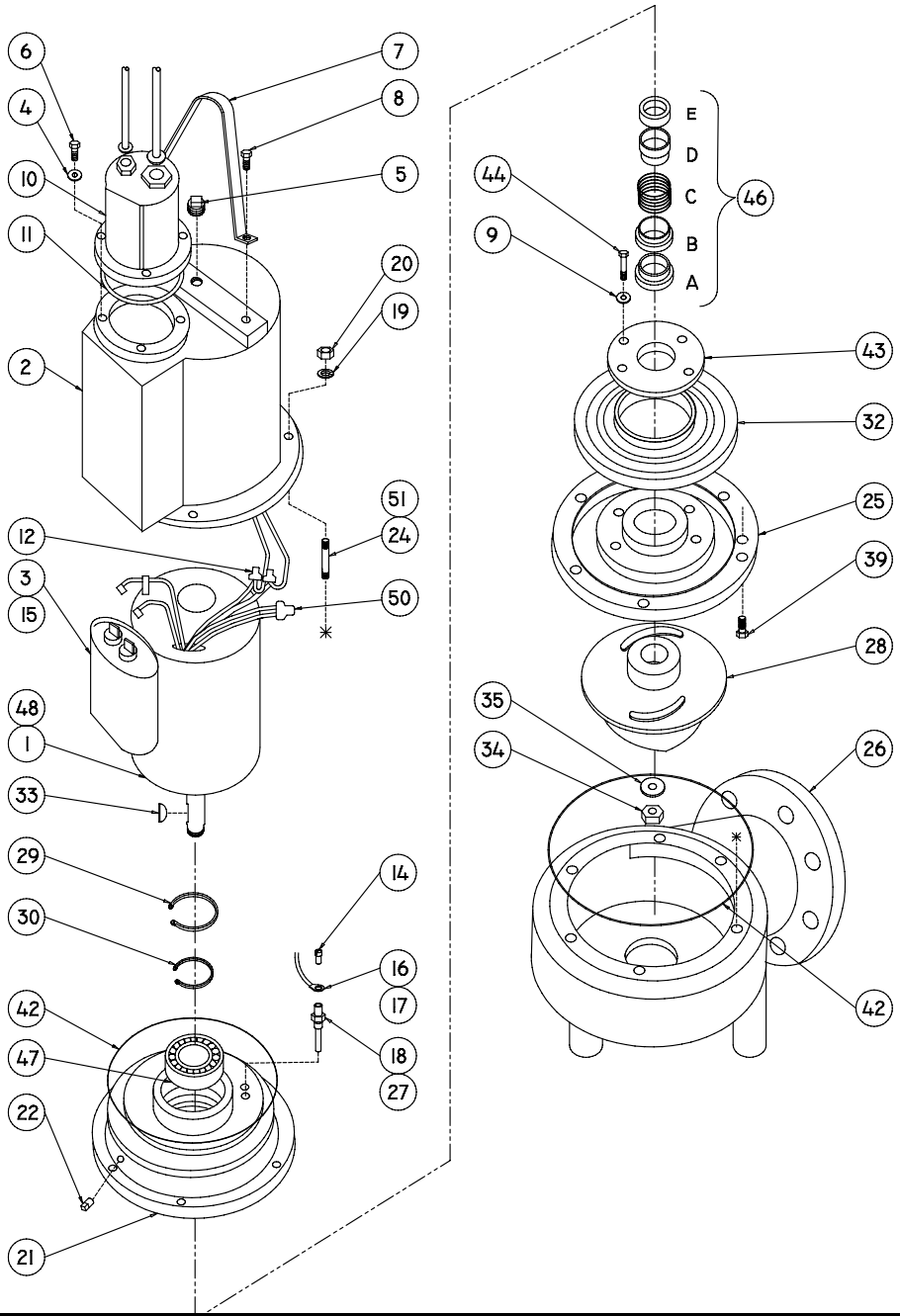


MODEL:	PART No.	MODEL:	PART No.	MODEL:	PART No.
<b>1150RPM:</b>		<b>1750RPM:</b>		4SE5024L	088821
4SE1926L	084602	4SE2824L	084606	4SE5094L	088822
4SE1996L	084604	4SE2894L	084608	4SE5044L	088823
4SE1946L	084605	4SE2844L	084609	4SE5054L	088824
4SE1956L	089300	4SE2854L	089301		
4SE2826L	088825	4SE3724L	084610		
4SE2896L	088826	4SE3794L	084611		
4SE2846L	088827	4SE3744L	084612		
4SE2856L	088828	4SE3754L	089302		



# BARNES<sup>®</sup> SERIES: 4SE

## 1.9HP - 5HP, 1150RPM & 1750RPM

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### PARTS KITS

Seal Repair Kit.....P/N-085217 (✱) 9,10d,10h,11,22,32,34,35,39,42,44,46.

Overhaul Kit.....P/N-085209 (◆) 4,5,6,9,10d,10h,11,12,17,20,22,24,29,30,32,33,34,35,39,42,

Seal Tool Kit.....P/N-085736 44,46,47,50,51

Pressure Gauge Kit...P/N-085343

### PARTS LIST

ITEM	QTY	DESCRIPTION	PART NO.
1	1	Motor	4SE1926L 082540
			4SE1996L, 46L 082541
			4SE1956L 092864
			4SE2826L 082540
			4SE2896L, 46L 082541
			4SE2856L 088786
			4SE2824L 065900
			4SE2894L, 44L 066102
			4SE2854L 092865
			4SE3724L 065941
			4SE3794L, 44L 065889
			4SE3754L 092866
			4SE5024L 088758
			4SE5094L, 44L 088763
			4SE5054L 088766
2	1	Motor Housing	053154
3	1	Capacitor - 1.9HP& 2.8HP, 1150RPM 1Phase, 370V, 35MFD	035864
		Capacitor - 2.8HP 1Phase 370V, 40MFD	033473
		Capacitor - 3.7HP & 5HP 1Phase 370V, 45MFD	036391
4	4	◆ Lockwasher	1/4" Stainless 022333
5	1	◆ Pipe Plug	003204
6	4	◆ Cap Screw	1/4-20 x 1" Lg Stainless 1-7-1
7	1	Lifting Strap	036754
8	2	Cap Screw	1/2-13 x 7/8" Lg Steel 002263
9	4	*◆ Washer	1/4" Cad Plt Steel 002591
10	1	Conduit Box & Cable Assembly	<b>See Table 2</b>
10a	1	* Power Cable	(Not Sold Separately)
10b	1	* Gland Nut	051447
10c	2	* Friction Ring	1 Phase 066071
		* Friction Ring	3 Phase 051450
10d	1	*◆ Grommet	1 Phase 066072
		*◆ Grommet	3 Phase 051452
10e	1	* Control Cable	(Not Sold Separately)
10f	1	* Gland Nut	051448
10g	1	* Friction Ring	021531
10h	1	*◆ Grommet	066871
10j	1	* Ground Screw	10-32 x 1/2 Lg Stainless 030169
11	1	*◆ Square Ring	017026
12	2	Wire Connector	230V, 1Phase 055844
	3	Wire Connector	200-230V, 3Phase 055844
	6	◆ Wire Connector	460V, 3Phase 055844
13	1-1/2 Gal.	Oil- Motor Housing	029034
	1-1/4 Qts	Oil - Seal Cavity	029034
14	2	Machine Screw	#6-32 x 3/8" Lg Zinc Plt Steel 038156
15	1	Bracket	033459
16	2	Moisture Sensor Wire	051487

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**SERIES: 4SE**  
**1.9HP - 5.0HP, 1150RPM & 1750RPM**

**BARNES®**

17	6	◆ Wire Connector		052990
18	2	Electrode		066843
19	4	Lockwasher	3/8" Stainless	035792
20	4	◆ Hex Nut	3/8-16 Stainless	018927
21	1	Bearing Bracket		065892
22	1	+◆ Pipe Plug		003202
24	4	◆ Stud	3/8-16 x 3-7/8" Lg Stainless	066103
25	1	Seal Plate		065893
26	1	Volute		066743
27	2	Caplug		039934
28	1	Impeller, Cast Iron		
<b>1.9HP 1150RPM, 2.8HP &amp; 3.7HP 1750RPM</b>				
		7.00" Dia.	<b>(1.9HP STD)</b>	058850
		6.88" Dia.		058850TA
		6.75" Dia.		058850TB
		6.62" Dia.		058850TC
		6.50" Dia.	<b>(3.7HP STD)</b>	058850TD
		6.38" Dia.		058850TE
		6.25" Dia.		058850TF
		6.12" Dia.		058850TG
		6.00" Dia.	<b>(2.8HP STD)</b>	058850TH
		5.88" Dia.		058850TJ
		5.75" Dia.		058850TK
		5.62" Dia.		058850TL
		5.50" Dia.		058850TM
		5.38" Dia.		058850TN
		5.25" Dia.		058850TP
		5.12" Dia.		058850TQ
		5.00" Dia.		058850TR
		4.88" Dia.		058850TS
		4.75" Dia.		058850TT
		4.62" Dia.		058850TU
		4.50" Dia.		058850TV
		4.38" Dia.		058850TW
		4.25" Dia.		058850TX
		4.12" Dia.		058850TY
		4.00" Dia.		058850TZ
28	1	Impeller, Cast Iron		
<b>2.8HP 1150RPM &amp; 5.0HP 1750RPM</b>				
		7.50" Dia.	<b>(5.0HP STD)</b>	088534
		7.38" Dia.	<b>(2.8HP STD)</b>	088534TA
		7.25" Dia.		088534TB
		7.12" Dia.		088534TC
		7.00" Dia.		088534TD
		6.88" Dia.		088534TE
		6.75" Dia.		088534TF
		6.62" Dia.		088534TG
		6.50" Dia.		088534TH
		6.38" Dia.		088534TJ
		6.25" Dia.		088534TK
		6.12" Dia.		088534TL
		6.00" Dia.		088534TM
		5.88" Dia.		088534TN
		5.75" Dia.		088534TP
		5.62" Dia.		088534TQ
29	1	◆ Retaining Ring		066130
30	1	◆ Retaining Ring		057882
31	2	Pipe Plug	(Replaces Item 14)	003217

32	1	+◆ Diaphragm		022873
33	1	◆ Shaft Key	3/16 Sq x 1" Lg Stainless	059186
34	1	+◆ Hex Nut	5/8-18 Stainless	038132
35	1	+◆ Washer	5/8-18 Stainless	070320
39	2	+◆ Soc. Hd. Cap Screw	1/4-20 x 3/4" Lg Stainless	036803
42	2	+◆ O-Ring		033730
43	1	Diaphragm Clamp Ring		022879
44	4	+◆ Cap Screw	1/4-20 x 1" Lg Steel	002204
46	1	+◆ Shaft Seal (Both Ends)	Carbon/Ceramic/Buna-N (STD)	064434
		(Pump End)	Tungsten/Tungsten/Buna-N	071796
		(Both Ends)	Tungsten/Tungsten/Buna-N	071796D
47	1	◆ Ball Bearing		053746
48	1	Temperature Sensor		051621
49	2	Temperature Sensor Wire		039111
50	1	◆ Wire Connector	200-230V 3Ph	074449
51	2	◆ Soc. Hd. Cap Screw	1/4-20 x 2-1/4" Lg Stainless	066192

**TABLE 2 - POWER & SENSOR CABLE SETS**

MODELS/ LENGTH	ITEM #10 1 PHASE	ITEM #10 1 PHASE CSA LISTED	ITEM #10 3 PHASE	ITEM #10 3 PHASE CSA LISTED	ITEM #10 NO SENSOR
25FT (STD)	074439	089031	074440	089030	074441
30FT	074439XC	089031XC	074440XC	089030XC	074441XC
35FT	074439XD	089031XD	074440XD	089030XD	074441XD
40FT	074439XE	089031XE	074440XE	089030XE	074441XE
50FT	074439XF	089031XF	074440XF	089030XF	074441XF
60FT	074439XG	089031XG	074440XG	089030XG	074441XG
70FT	074439XH	089031XH	074440XH	089030XH	074441XH
80FT	074439XJ	089031XJ	074440XJ	089030XJ	074441XJ
90FT	074439XK	089031XK	074440XK	089030XK	074441XK
100FT	074439XL	089031XL	074440XL	089030XL	074441XL
150FT	074439XS	089031XS	074440XS	089030XS	074441XS
200FT	074439XY	089031XY	074440XY	089030XY	074441XY