

# ULTRA TORQUE™

## 4" Oil Filled Submersible Motors

**High efficiency, durable motor  
with outstanding electrical performance.**

- Superior cooling
- Reduced wear
- 304 Stainless housing
- Low start up amp requirements
- Wet Tested
- \* Pressure Tested
- High efficiency design
- Commercial, industrial & Residential applications

### Single Phase - 2Wire - 60hz

Part Number	HP	Voltage	HZ	S.F.	Full Load		Max S.F. Load		EFF%		PF%		Locked Amps	Length	Weight	Cable Length
					A	W	A	W	S.F.	F.L.	S.F.	F.L.				
4SF05-O2W1	0.5	115	60	1.60	7.9	704	9.5	977	52.94	61	77.14	89	27	12.2	16.5	48.0
4SF05-O2W2	0.5	230	60	1.60	3.2	737	4.3	1009	61	51	99	97	11	12.2	16.5	48.0
4SF07-O2W1	0.75	115	60	1.50	8.9	875	11.48	1218	69	64	91	85	29	12.8	18.7	48.0
4SF07-O2W2	0.75	230	60	1.50	4.4	1035	5.6	1339	64	54	99	98	11	12.8	18.7	48.0
4SF10-O2W1	1	115	60	1.40	10.3	1094	13.2	1480	68	71	91	95	43	13.9	22.0	48.0
4SF10-O2W2	1	230	60	1.40	5.5	1271	6.7	1552	67	59	99	98	15	13.9	22.0	48.0
4SF15-O2W2	1.5	115	60	1.30	13.6	1500	18.5	2066	75	71	94	96	50	15.5	25.3	60.0
4SF15-O2W2	1.5	230	60	1.30	8	1762	9.6	2165	69	63	96	94	23	15.5	25.3	60.0
4SF20-O2W2	2	230	60	1.25	9.2	2131	11.0	2539	74	70	98	98	30	16.7	28.6	60.0

### Single Phase - 3Wire - PSC - 60hz

Part Number	HP	Voltage	HZ	S.F.	Full Load		Max S.F. Load		EFF%		PF%		Locked Amps	Length	Weight	Cable Length
					A	W	A	W	S.F.	F.L.	S.F.	F.L.				
4SF05-O3W1	0.5	115	60	1.6	7.9	704	9.5	977	52.94	61	77.14	89	27	12.3	16.5	48.0
4SF05-O3W2	0.5	230	60	1.6	3.2	737	4.3	1009	61	51	99	97	11	12.3	16.5	48.0
4SF07-O3W2	0.75	230	60	1.5	4.4	1035	5.6	1339	64	54	99	98	11	12.9	18.7	48.0
4SF10-O3W2	1	230	60	1.4	5.5	1271	6.7	1552	67	59	99	98	15	14.1	22.0	48.0
4SF15-O3W2	1.5	230	60	1.3	8	1762	9.6	2165	69	63	96	94	23	15.6	25.4	60.0
4SF20-O3W2	2	230	60	1.25	9.6	2214	11.5	2653	71	67	99	98	40	16.8	28.7	60.0
4SF30-O3W2	3	230	60	1.15	13.9	3165	15.6	3581	72	71	99	98	53	20.0	37.5	80.0
4SF50-O3W2	5	230	60	1.15	26	5515	27.98	6139	71	68	96	93	47	25.9	54.0	80.0

### Single Phase - 3Wire - 60hz

Part Number	HP	Voltage	HZ	S.F.	Full Load		Max S.F. Load		EFF%		PF%		Locked Amps	Length	Weight	Cable Length
					A	W	A	W	S.F.	F.L.	S.F.	F.L.				
4SF05-O3W1	0.5	115	60	1.6	6/7	700	8.5	980	54	50	76	62	46	12.3	16.5	48.0
4SF05-O3W2	0.5	230	60	1.6	3.2/3.4	730	4.3	960	58	51	76	62	23	12.3	16.5	48.0
4SF07-O3W2	0.75	230	60	1.0	4.6/4.8	995	5.8	1300	61	56	75	64	32	12.9	18.7	48.0
4SF10-O3W2	1	230	60	1.4	5.8/6.2	1300	7.5	1650	63	57	73	62	39	14.1	22.0	48.0
4SF15-O3W2	1.5	230	60	1.3	7.2/7.7	1930	10.5	2300	65	62	82	75	46	15.6	25.4	60.0
4SF20-O3W2	2	230	60	1.25	10.2/10.6	2236	13.2	2453	70	66	93	96	54	16.8	28.7	60.0
4SF30-O3W2	3	230	60	1.15	15.5/16	3390	17.5	4000	66	66	93	92	65	20.0	37.5	80.0
4SF50-O3W2	5	230	60	1.15	24.5/25	5454	28	6000	68	68	94	94	100	25.9	54.0	80.0

### Three Phase - 3Wire - 60hz

Swiss Part No.	HP	Voltage	HZ	S.F.	Full Load		Max S.F. Load		EFF%		PF%		Locked Amps	Length	Weight	Cable Length
					A	W	A	W	S.F.	F.L.	S.F.	F.L.				
4SF05-O3P2	0.5	230	60	1.6	2.5	590	3	870	68	63	76	61	15.5	11.7	14.3	48.0
4SF05-O3P3		460	60	1.6	1.3	590	1.6	870	68	63	76	61	7.5			48.0
4SF07-O3P2		230	60	1.5	3.2	825	3.9	1170	70	68	78	66	20			48.0
4SF07-O3P3	0.75	460	60	1.5	1.7	825	2	1170	70	68	78	66	11	12.3	16.5	48.0
4SF10-O3P2		230	60	1.4	4	1100	4.8	1460	71	71	79	69	26.9	48.0		
4SF10-O3P3		460	60	1.4	2	1100	2.5	1460	71	71	79	69	13.5	12.9	18.7	48.0
4SF15-O3P2	1.5	230	60	1.3	5	1490	6	1910	74	74	83	76	34	14.1	22.0	60.0
4SF15-O3P3		460	60	1.3	2.5	1490	3.2	1910	74	74	83	76	16.8	60.0		
4SF20-O3P2		230	60	1.25	6.8	2180	8.2	2720	73	73	84	84	45	15.6	25.4	60.0
4SF20-O3P3	2	460	60	1.25	3.4	2180	4.2	2720	73	73	84	84	23.5	60.0		
4SF30-O3P2		230	60	1.15	9.5	3010	11	3450	74	74	81	77	62	16.8	28.7	80.0
4SF30-O3P3		460	60	1.15	4.9	3010	5.6	3450	74	74	81	77	32	80.0		
4SF50-O3P2	5	230	60	1.15	16	5100	18	5830	77	77	83	78	105	21.3	43.0	80.0
4SF50-O3P3		460	60	1.15	8	5100	9	5830	77	77	83	78	55	80.0		
4SF75-O3P2		230	60	1.15	23	7400	26.8	8460	78	77	80	77	165	25.9	54.0	98.0
4SF75-O3P3	7.5	460	60	1.15	11.5	7400	13.5	8460	78	77	80	77	80	98.0		
4SF100-O3P2		230	60											29.8	63.9	98.0
4SF100-O3P3		460	60	1.15	16	10000	17.4	11500	77	77	77	74	115	98.0		



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