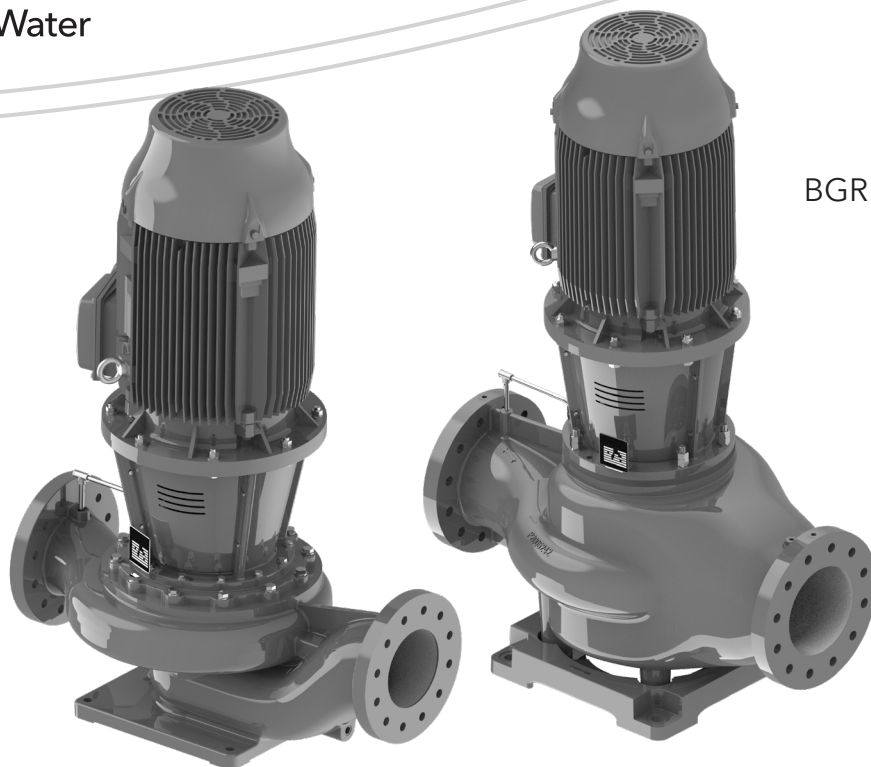
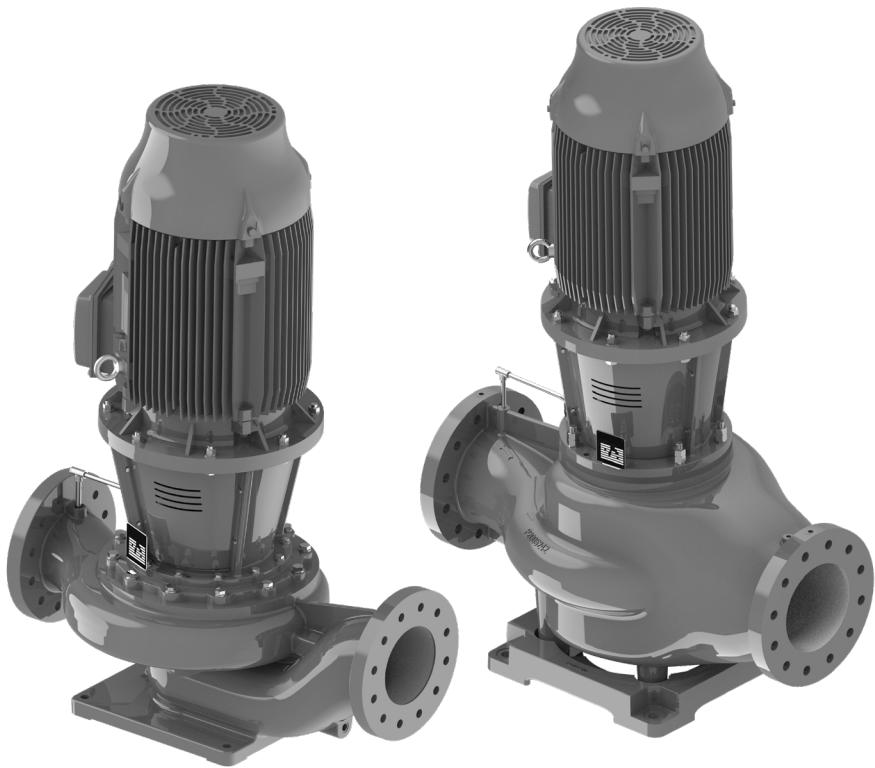




PARTS LIST
BGRPe80SCXL-102

Series e-80SCXL
Replacement Parts





Index

Nameplate Data.....3

Pump Models,,.....4

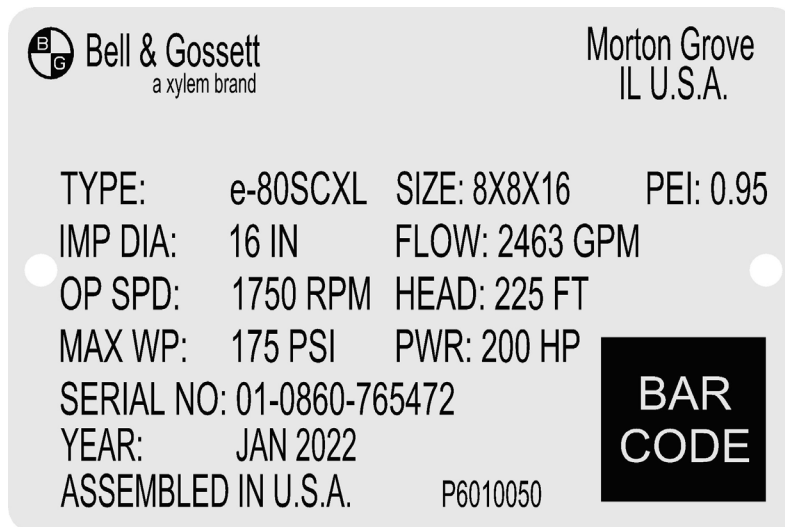
Exploded View.....5

Standard Configuration

8x8x16, 10x10x13, 10x10x15, 10x10x16.....6

12x12x11, 12x12x17.....8

14x14x14, 14x14x16, 14x14x18, 18x18x15.....11



DATA SHOWN ABOVE ARE FOR REPRESENTATION ONLY

The pump nameplate identifies the pump by pipe size, pump construction and impeller diameter as shown above. In this example, the nameplate shows a [Series](#) e-80SCXL, size 8x8x16. The impeller diameter is 16" and the motor is 200 HP, 1750 RPM operating speed. The serial number specifically identifies the pump for future reference.

DO NOT REMOVE THE NAMEPLATE. It is important when ordering replacement parts to furnish complete nameplate data.

To ensure the correct parts are selected, use the following procedure:

1. Determine from the nameplate the pump size.
2. Refer to index for the page number of the parts breakdown for the specific size pump.
3. Find the proper column in the parts breakdown for the pump construction involved.
4. Select part numbers using the exploded view numbered drawing for identification.
5. Motor brackets vary with motor frame sizes. Use the motor frame number (found on the motor nameplate) to select the proper motor bracket. Supply complete motor nameplate data when ordering replacement motors.

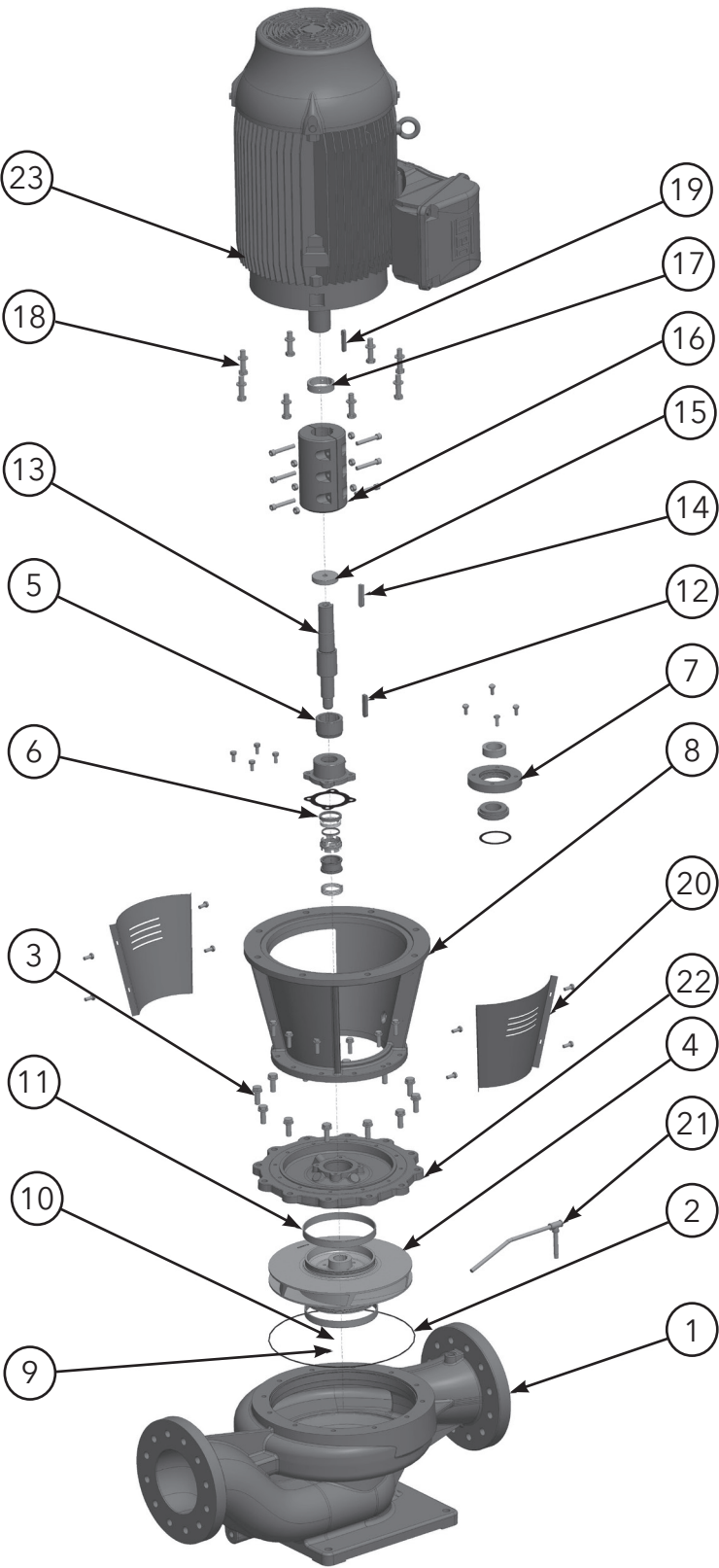
MODEL LIST

Pump Size	Single Suction	Double Suction	
		Single Volute	Dual Volute
8x16	•		
10x13	•		
10x15		•	
10x16	•		
12x11			•
12x17			•
14x14		•	
14x16	•		
14x18			•
18x15			•

MOTOR FRAME LIST

Pump Size	365TC	404TC	405TC	444TC	445TC	447TC	449TC	509LLC	5011LLC
8x16				•	•	•			
10x13	•	•	•	•					
10x15			•	•	•	•			
10x16					•	•	•		
12x11		•	•	•					
12x17						•	•	•	•
14x14					•	•	•		
14x16						•	•	•	•
14x18								•	•
18x15							•	•	•

Exploded View



ITEM	DESCRIPTION	QTY	8X8X16	10X10X13	10x10x15	10x10x16
1	CASING #175	1	P2005232	P2005238	P2005244	P2005250
1	CASING #250	1	P2005233	P2005239	P2005245	P2005251
22	COVER	1	P2005291	P2005293	P2005295	P2005297
3	COVER BOLT	→	P2005515 (QTY 12)	P2005515 (QTY 12)	NA	P2005509 (QTY 16)
3	COVER WASHER	→	P2005517 (QTY 12)	P2005517 (QTY 12)	NA	P2005519 (QTY 16)
3	VOLUTE BOLT	12	P2005518	NA	NA	NA
3	VOLUTE WASHER	12	P2005519	NA	NA	NA
3	VOLUTE STUD	8	NA	NA	P2005522	NA
3	VOLUTE WASHER	8	NA	NA	P2005506	NA
3	VOLUTE NUT	16	NA	NA	P2005497	NA
2	VOLUTE O RING	1	P2005476	P2005477	P2005478	P2005476
	PLUG	→	P39040 (QTY 3)	P39040 (QTY 3)	P39040 (QTY 5)	P39040 (QTY 4)
4	IMPELLER	1	P2005211	P2005213	P2005215	P2005217
11	WEAR RING	1	P2005348	P2005349	P2005351	P2005349
11	WEAR RING	1	P2005348	P2005350	P2005351	P2005352
12	IMPELLER KEY	1	P2005454	P2005454	P2005456	P2005458
13	SHAFT	1	P2005316	P2005317	P2005318	P2005319
9	IMPELLER NUT	1	P2005488	P2005488	P2005359	P2005489
10	IMPELLER WASHER	1	P2005490	P2005490	P2005362	P2005491
5	BEARING	1	P2005342	P2005343	P2005344	P2005345
	BASEPLATE	1	NA	NA	P2005311	NA
	BASEPLATE WASHER	4	NA	NA	P2005523	NA
	BASEPLATE BOLT	4	NA	NA	P2005524	NA
INSIDE SEAL MECHANICAL SEAL						
6	MECHANICAL SEAL - STANDARD	1	P2005551	P2005551	P2005565	P2005558
6	CIRCLIP	1	NA	NA	P2005492	NA
6	SEAL COLLAR	1	NA	NA	P2005367	NA
6	SEAL GLAND	1	P2005371	P2005371	P2005373	P2005375
6	SEAL GLAND SCREW	4	P2005529	P2005529	P2005530	P2005530
6	SEAL GLAND WASHER	4	P2005534	P2005534	P2005517	P2005517
6	SEAL GLAND O RING	1	NA	NA	NA	NA
6	SEAL GLAND GASKET	1	P2005365	P2005365	P2005433	P2005366
INSIDE SEAL MECHANICAL SEAL (HIGH PRESSURE)						
6	MECHANICAL SEAL - OPTIONAL	1	P2005556	P2005556	P2005570	P2005563
6	SET SCREWS	4	P2005608	P2005608	P2005609	P2005609
OUTSIDE SEAL MECHANICAL SEAL						
6	MECHANICAL SEAL - OPTIONAL	1	P2005557	P2005557	P2005571	P2005564
6	SET SCREWS	4	P2005608	P2005608	P2005609	P2005609
FLUSH PIPE ASSEMBLY						
21	NIPPLE	1	DL0028	DL0028	DL0028	DL0028
21	STRAIGHT TEE	1	P75181	P75181	P75181	P75181
21	BUSHING	1	511849	511849	511849	511849
21	HOSE	1	P2002545	P2002545	P2002545	P2002545
21	VALVE VENT	1	P75255	P75255	P75255	P75255

ITEM	DESCRIPTION	QTY	8X8X16	10X10X13	10x10x15	10x10x16
MOTOR FRAMES 365TC						
8	MOTOR BRACKET	1	NA	P2005447	NA	NA
18	MOTOR BRACKET SCREW	8		J92288		
18	MOTOR BRACKET WASHER	8		P46420		
16	COUPLING	1		P2005437		
16	COUPLING SCREW	8		H28900		
16	COUPLING WASHER	8		P11200		
16	COUPLING NUT	8		F11400		
14	COUPLING KEY	1		P2005455		
17	COUPLING RING	1		P2000747		
15	COUPLING PLATE	1		P2005405		
15	COUPLING SET SCREW	6		P75405		
15	SHAFT SCREW	1		P2005471		
20	COUPLING GUARD	2		P2005453		
20	COUPLING GUARD SCREW	8		DJ0030		
19	MOTOR KEY	1		P5001580		
MOTOR FRAMES 404TC-405TC						
8	MOTOR BRACKET	1	NA	P2005447	P2005423	NA
18	MOTOR BRACKET SCREW	8		J92288	J92288	
18	MOTOR BRACKET WASHER	8		P46420	P46420	
16	COUPLING	1		P2005436	P2005439	
16	COUPLING SCREW	8		H28900	H28900	
16	COUPLING WASHER	8		P11200	P11200	
16	COUPLING NUT	8		F11400	F11400	
14	COUPLING KEY	1		P2005455	P2005457	
17	COUPLING RING	1		P2000748	P2000748	
15	COUPLING PLATE	1		P2005405	P2005408	
15	COUPLING SET SCREW	6		P75405	P75405	
15	SHAFT SCREW	1		P2005471	P2005473	
20	COUPLING GUARD	2		P2005453	P2005449	
20	COUPLING GUARD SCREW	8		DJ0030	DJ0030	
19	MOTOR KEY	1		P2000762	P2000762	
MOTOR FRAMES 444TC-449TC						
8	MOTOR BRACKET	1	P2005421	P2005421	P2005425	P2005427
18	MOTOR BRACKET SCREW	8	J92288	J92288	J92288	J92288
18	MOTOR BRACKET WASHER	8	P46420	P46420	P46420	P46420
16	COUPLING	1	P2005435	P2005435	P2005438	P2005440
16	COUPLING SCREW	8	H28900	H28900	H28900	H28900
16	COUPLING WASHER	8	P11200	P11200	P11200	P11200
16	COUPLING NUT	8	F11400	F11400	F11400	F11400
14	COUPLING KEY	1	P2005455	P2005455	P2005457	P2005459
17	COUPLING RING	1	P2000749	P2000749	P2000749	P2000749
15	COUPLING PLATE	1	P2005405	P2005405	P2005408	P2005406
15	COUPLING SET SCREW	6	P75405	P75405	P75405	P75405
15	SHAFT SCREW	1	P2005471	P2005471	P2005473	P2005472
20	COUPLING GUARD	2	P2005448	P2005448	P2005450	P2005451
20	COUPLING GUARD SCREW	8	DJ0030	DJ0030	DJ0030	DJ0030
19	MOTOR KEY	1	P5003407	P5003407	P5003407	P5003407

ITEM	DESCRIPTION	QTY	12X12X11	12X12X17
1	CASING #175	1	P2005256	P2005262
1	CASING #250	1	P2005257	P2005263
22	COVER	1	P2005299	P2005301
3	VOLUTE STUD	12	P2005521	P2005516
3	VOLUTE WASHER	12	P2005504	P2005506
3	VOLUTE NUT	12	P2005495	P2005497
2	VOLUTE O RING	1	P2005479	P2005481
2	VOLUTE O RING	1	P2005480	P2005482
	PLUG	3	P39040	P39040
4	IMPELLER	1	P2005219	P2005221
11	WEAR RING	2	P2005353	P2005354
12	IMPELLER KEY	1	P2005460	P2005462
13	SHAFT	1	P2005320	P2005321
9	IMPELLER NUT	1	P2005360	P2005359
10	IMPELLER WASHER	1	P2005363	P2005362
5	BEARING	1	P2005346	P2005344
	BASEPLATE	1	P2005313	P2005315
	BASEPLATE WASHER	4	P2005523	P2005526
	BASEPLATE BOLT	4	P2005525	P2005527
INSIDE SEAL MECHANICAL SEAL				
6	MECHANICAL SEAL - STANDARD	1	P2005558	P2005565
6	CIRCLIP	1	P2005493	P2005492
6	SEAL COLLAR	1	P2005368	P2005367
6	SEAL GLAND	1	P2005375	P2005373
6	SEAL GLAND SCREW	4	P2005530	P2005530
6	SEAL GLAND WASHER	4	P2005517	P2005517
6	SEAL GLAND O RING	1	P2005531	NA
6	SEAL GLAND GASKET	1	P2005366	P2005433
INSIDE SEAL MECHANICAL SEAL (HIGH PRESSURE)				
6	MECHANICAL SEAL - OPTIONAL	1	P2005563	P2005570
6	SET SCREWS	4	P2005609	P2005609
OUTSIDE SEAL MECHANICAL SEAL				
6	MECHANICAL SEAL - OPTIONAL	1	P2005564	P2005571
6	SET SCREWS	4	P2005609	P2005609
FLUSH PIPE ASSEMBLY				
21	NIPPLE	1	DL0028	DL0028
21	STRAIGHT TEE	1	P75181	P75181
21	BUSHING	1	511849	511849
21	HOSE	1	P2002545	P2002545
21	VALVE VENT	1	P75255	P75255

ITEM	DESCRIPTION	QTY	12X12X11	12X12X17
MOTOR FRAMES 404TC-405TC				
8	MOTOR BRACKET	1	P2005447	NA
18	MOTOR BRACKET SCREW	8	J92288	
18	MOTOR BRACKET WASHER	8	P46420	
16	COUPLING	1	P2005442	
16	COUPLING SCREW	8	H28900	
16	COUPLING WASHER	8	P11200	
16	COUPLING NUT	8	F11400	
14	COUPLING KEY	1	P2005461	
17	COUPLING RING	1	P2000748	
15	COUPLING PLATE	1	P2005407	
15	COUPLING SET SCREW	6	P75405	
15	SHAFT SCREW	1	P2005473	
20	COUPLING GUARD	2	P2005453	
20	COUPLING GUARD SCREW	8	DJ0030	
19	MOTOR KEY	1	P2000762	
MOTOR FRAMES 444TC-449TC				
8	MOTOR BRACKET	1	P2005421	P2005429
18	MOTOR BRACKET SCREW	8	J92288	J92288
18	MOTOR BRACKET WASHER	8	P46420	P46420
16	COUPLING	1	P2005441	P2005438
16	COUPLING SCREW	8	H28900	H28900
16	COUPLING WASHER	8	P11200	P11200
16	COUPLING NUT	8	F11400	F11400
14	COUPLING KEY	1	P2005461	P2005464
17	COUPLING RING	1	P2000749	P2000749
15	COUPLING PLATE	1	P2005407	P2005408
15	COUPLING SET SCREW	6	P75405	P75405
15	SHAFT SCREW	1	P2005473	P2005473
20	COUPLING GUARD	2	P2005448	P2005452
20	COUPLING GUARD SCREW	8	DJ0030	DJ0030
19	MOTOR KEY	1	P5003407	P5003407
MOTOR FRAMES 509LLC-5011LLC				
8	MOTOR BRACKET	1	NA	P2005581
18	MOTOR BRACKET SCREW	4		J92288
18	MOTOR BRACKET WASHER	4		P46420
16	COUPLING	1		P2005438
16	COUPLING SCREW	8		H28900
16	COUPLING WASHER	8		P11200
16	COUPLING NUT	8		F11400
14	COUPLING KEY	1		P2005464
17	COUPLING RING	1		P2000749
15	COUPLING PLATE	1		P2005408
15	COUPLING SET SCREW	6		P75405
15	SHAFT SCREW	1		P2005473
20	COUPLING GUARD	2		P2005585
20	COUPLING GUARD SCREW	8		DJ0030
19	MOTOR KEY	1		P2005579

ITEM	DESCRIPTION	QTY	14X14X14	14X14X16	14X14X18	18X18X15
1	CASING #175	1	P2005268	P2005274	P2005280	P2005286
1	CASING #250	1	P2005269	P2005275	P2005281	P2005287
22	COVER	1	P2005303	P2005305	P2005307	P2005309
3	VOLUTE BOLT	16	NA	P2005520	NA	NA
3	VOLUTE WASHER	16	NA	P2005519	NA	NA
3	VOLUTE STUD	→	P2005522 (QTY 8)	NA	P2005516 (QTY 12)	P2005516 (QTY 12)
3	VOLUTE WASHER	→	P2005506 (QTY 8)	NA	P2005506 (QTY 12)	P2005506 (QTY 12)
3	VOLUTE NUT	→	P2005497 (QTY 16)	NA	P2005497 (QTY 12)	P2005497 (QTY 12)
2	VOLUTE O RING	→	P2005483 (QTY 2)	P2005476 (QTY 1)	P2005481 (QTY 1)	P2005487 (QTY 1)
2	VOLUTE O RING	→	P2005484 (QTY 2)	NA	P2005486 (QTY 1)	P2005482 (QTY 1)
	PLUG	→	P39040 (QTY 5)	P39040 (QTY 5)	P39040 (QTY 3)	P39040 (QTY 3)
4	IMPELLER	1	P2005223	P2005225	P2005227	P2005229
11	WEAR RING	2	P2005355	P2005356	P2005357	P2005358
12	IMPELLER KEY	1	P2005464	P2005466	P2005467	P2005467
13	SHAFT	1	P2005322	P2005323	P2005324	P2005325
9	IMPELLER NUT	1	P2005359	P2005489	P2005361	P2005361
10	IMPELLER WASHER	1	P2005362	P2005491	P2005364	P2005364
5	BEARING	1	P2005344	P2005345	P2005347	P2005347
	BASEPLATE	1	P2005311	NA	P2005315	P2005315
	BASEPLATE WASHER	4	P2005523	NA	P2005526	P2005526
	BASEPLATE BOLT	4	P2005524	NA	P2005527	P2005527
INSIDE SEAL MECHANICAL SEAL						
6	MECHANICAL SEAL - STANDARD	1	P2005565	P2005558	P2005572	P2005572
6	CIRCLIP	1	P2005492	NA	P2005494	P2005494
6	SEAL COLLAR	1	P2005367	NA	P2005369	P2005369
6	SEAL GLAND	1	P2005373	P2005375	P2005377	P2005377
6	SEAL GLAND SCREW	4	P2005530	P2005530	P2005530	P2005530
6	SEAL GLAND WASHER	4	P2005517	P2005517	P2005517	P2005517
6	SEAL GLAND GASKET	1	P2005433	P2005366	P2005434	P2005434
INSIDE SEAL MECHANICAL SEAL (HIGH PRESSURE)						
6	MECHANICAL SEAL - OPTIONAL	1	P2005570	P2005563	P2005577	P2005577
6	SET SCREWS	4	P2005609	P2005609	P2005609	P2005609
OUTSIDE SEAL MECHANICAL SEAL						
6	MECHANICAL SEAL - OPTIONAL	1	P2005571	P2005564	P2005578	P2005578
6	SET SCREWS	4	P2005609	P2005609	P2005609	P2005609
FLUSH PIPE ASSEMBLY						
21	NIPPLE	1	DL0028	DL0028	DL0028	DL0028
21	STRAIGHT TEE	1	P75181	P75181	P75181	P75181
21	BUSHING	1	511849	511849	511849	511849
21	HOSE	1	P2002545	P2002545	P2002545	P2002545
21	VALVE VENT	1	P75255	P75255	P75255	P75255

ITEM	DESCRIPTION	QTY	14X14X14	14X14X16	14X14X18	18X18X15
MOTOR FRAMES 445TC-449TC						
8	MOTOR BRACKET	1	P2005425	P2005427	NA	P2005429
18	MOTOR BRACKET SCREW	8	J92288	J92288		J92288
18	MOTOR BRACKET WASHER	8	P46420	P46420		P46420
16	COUPLING	1	P2005438	P2005440		P2005445
16	COUPLING SCREW	8	H28900	H28900		H28900
16	COUPLING WASHER	8	P11200	P11200		P11200
16	COUPLING NUT	8	F11400	F11400		F11400
14	COUPLING KEY	1	P2005465	P2005459		P2005468
17	COUPLING RING	1	P2000749	P2000749		P2000749
15	COUPLING PLATE	1	P2005408	P2005406		P2005408
15	COUPLING SET SCREW	6	P75405	P75405		P75405
15	SHAFT SCREW	1	P2005473	P2005472		P2005473
20	COUPLING GUARD	2	P2005450	P2005451		P2005452
20	COUPLING GUARD SCREW	8	DJ0030	DJ0030		DJ0030
19	MOTOR KEY	1	P5003407	P5003407		P5003407
MOTOR FRAMES 5009LLC-5011LLC						
8	MOTOR BRACKET	1	NA	P2005583	P2005581	P2005581
18	MOTOR BRACKET SCREW	4		J92288	J92288	J92288
18	MOTOR BRACKET WASHER	4		P46420	P46420	P46420
16	COUPLING	1		P2005443	P2005444	P2005444
16	COUPLING SCREW	8		H28900	H28900	H28900
16	COUPLING WASHER	8		P11200	P11200	P11200
16	COUPLING NUT	8		F11400	F11400	F11400
14	COUPLING KEY	1		P2005459	P2005468	P2005468
17	COUPLING RING	1		P2000749	P2000749	P2000749
15	COUPLING PLATE	1		P2005406	P2005408	P2005408
15	COUPLING SET SCREW	6		P75405	P75405	P75405
15	SHAFT SCREW	1		P2005472	P2005473	P2005473
20	COUPLING GUARD	2		P2005584	P2005585	P2005585
20	COUPLING GUARD SCREW	8		DJ0030	DJ0030	DJ0030
19	MOTOR KEY	1		P2005579	P2005579	P2005579

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- 2) a leading global water technology company.

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