

ISO PUMP UNIT BASE KITS

SOUTHERN CROSS ISO PUMP UNIT BASE KITS



BASE KIT INCLUDES:-

- GALVANISED PRESSED STEEL BASEPLATE (NOT DRILLED)
- FLEXIBLE COUPLING
- GALVANISED COUPLING GUARD
- SHIMS FOR ON SITE ALIGNMENT
- SPACERS & FASTENERS FOR PUMP & MOTOR

NOTE:-

PRICES **DO NOT** INCLUDE ASSEMBLY OF UNITS.
FOR COMPLETE UNITS REFER TO PES SECTION.

DISCOUNT CATEGORY A9

MODEL PUMP MOTOR	BASE KIT (INCLUDING COUPLING)			
	STANDARD		SPACER	
	CODE	PRICE \$	CODE	PRICE \$
50 X 32 - 160	PSEA1C			
0.55 KW 4 POLE	PB001	701	PB002	782
0.75 KW 4 POLE	PB001	701	PB002	782
3.0 KW 2 POLE	PB005	701	PB006	782
4.0 KW 2 POLE	PB007	701	PB008	782
5.5 KW 2 POLE	PB009	792	PB010	1042
50 X 32 - 200	PSFA1C			
0.55 KW 4 POLE	PB153	701	PB154	782
0.75 KW 4 POLE	PB153	701	PB154	782
1.1 KW 4 POLE	PB156	701	PB159	782
1.5 KW 4 POLE	PB157	701	PB160	782
5.5 KW 2 POLE	PB161	837	PB162	911
7.5 KW 2 POLE	PB161	837	PB162	911
11.0 KW 2 POLE	PB164	837	PB165	911
65 X 50 - 160	PSEB1C			
0.55 KW 4 POLE	PB001	701	PB002	782
0.75 KW 4 POLE	PB001	701	PB002	782
1.1 KW 4 POLE	PB151	701	PB152	782
4 KW 2 POLE	PB007	701	PB008	782
5.5 KW 2 POLE	PB009	792	PB010	1042
7.5 KW 2 POLE	PB009	792	PB010	1042
65 X 40 - 200	PSFB1C			
1.1 KW 4 POLE	PB013	701	PB014	782
1.5 KW 4 POLE	PB155	701	PB158	782
2.2 KW 4 POLE	PB029	701	PB030	782
7.5 KW 2 POLE	PB015	935	PB016	1030
11 KW 2 POLE	PB017	935	PB018	1030
15 KW 2 POLE	PB024	1013	PB031	1105



ISO PUMP UNIT BASE KITS

SOUTHERN CROSS ISO PUMP UNIT BASE KITS (Cont'd)

DISCOUNT CATEGORY A9

MODEL PUMP MOTOR	BASE KIT (INCLUDING COUPLING)			
	STANDARD		SPACER	
	CODE	PRICE \$	CODE	PRICE \$
65 X 40 - 250	PSGB2C			
1.5 KW 4 POLE	PB062	701	PB063	782
2.2 KW 4 POLE	PB034	701	PB035	893
3.0 KW 4 POLE	PB064	792	PB035	893
11 KW 2 POLE	PB040	935	PB065	945
15 KW 2 POLE	PB040	935	PB041	1040
18.5 KW 2 POLE	PB177	935	PB042	1040
22 KW 2 POLE	PB043	948	PB044	1079
30 KW 2 POLE	PB045	948	PB046	1198
65 X 40 - 315	PSHB2C			
3 KW 4 POLE	PB134	701	PB127	782
4 KW 4 POLE	PB135	701	PB128	911
5.5 KW 4 POLE	PB129	792	PB130	911
22 KW 2POLE	PB136	875	PB131	1070
30 KW 2 POLE	PB132	875	PB133	1070
37 KW 2 POLE	PB132	875	PB133	1070
45 KW 2 POLE	PB094	1000	PB095	1070
80 X 65 - 160	PSEC1C			
0.75 KW 4 POLE	PB011	701	PB012	782
1.1 KW 4 POLE	PB013	701	PB014	782
1.5 KW 4 POLE	PB155	701	PB158	782
5.5 KW 2 POLE	PB015	935	PB016	1030
7.5 KW 2 POLE	PB015	935	PB016	1030
11 KW 2 POLE	PB017	935	PB018	1030
15 KW 2 POLE	PB024	1013	PB025	1105
80 X 50 - 200	PSFC1C			
1.5 KW 4 POLE	PB155	701	PB158	782
2.2 KW 4 POLE	PB029	701	PB030	782
3 KW 4 POLE	PB029	701	PB030	782
11 KW 2 POLE	PB017	935	PB018	1030
15 KW 2 POLE	PB024	1013	PB031	1105
18.5 KW 2 POLE	PB170	1013	PB172	1105
22 KW 2 POLE	PB032	1013	PB033	1262
80 X 50 - 250	PSGC2C			
3 KW 4 POLE	PB034	701	PB035	893
4 KW 4 POLE	PB036	792	PB037	911
5.5 KW 4 POLE	PB038	792	PB039	911
22 KW 2 POLE	PB043	948	PB044	1079
30 KW 2 POLE	PB045	948	PB046	1198
37 KW 2 POLE	PB045	948	PB046	1198
45 KW 2 POLE	PB143	1154	PB144	1192
80 X 50 - 315	PSHC2C			
4 KW 4 POLE	PB098	904	PB099	954
5.5 KW 4 POLE	PB137	1033	PB100	954
7.5 KW 4 POLE	PB181	1033	PB138	954
30 KW 2 POLE	PB103	1078	PB104	1045
37 KW 2 POLE	PB103	1078	PB104	1045
45 KW 2 POLE	PB105	995	PB139	1093
55 KW 2 POLE	PB106	1169	PB107	1697
75 KW 2 POLE	PB191	1458	PB192	1697

ISO PUMP UNIT BASE KITS

SOUTHERN CROSS ISO PUMP UNIT BASE KITS (Cont'd)

STANDARD
BASE KIT



SPACER
BASE KIT



BASE KIT INCLUDES:-

- GALVANISED PRESSED STEEL BASEPLATE (NOT DRILLED)
- FLEXIBLE COUPLING
- GALVANISED COUPLING GUARD
- SHIMS FOR ON SITE ALIGNMENT
- SPACERS & FASTENERS FOR PUMP & MOTOR

NOTE:-

PRICES DO NOT INCLUDE ASSEMBLY OF UNITS.
FOR COMPLETE UNITS REFER TO PES SECTION.

DISCOUNT CATEGORY A9

MODEL PUMP MOTOR	BASE KIT (INCLUDING COUPLING)			
	STANDARD		SPACER	
	CODE	PRICE \$	CODE	PRICE \$
100 X 80 - 160	PSD2C			
1.1 KW 4 POLE	PB019	701	PB020	782
1.5 KW 4 POLE	PB166	701	PB167	782
2.2 KW 4 POLE	PB021	701	PB022	782
3 KW 4 POLE	PB175	701	PB176	782
11 KW 2 POLE	PB163	899	PB023	940
15 KW 2 POLE	PB168	987	PB171	1033
18.5 KW 2 POLE	PB169	1003	PB026	1086
100 X 65 - 200	PSFD2C			
2.2 KW 4 POLE	PB034	701	PB035A	1000
3 KW 4 POLE	PB034	701	PB035A	1000
4 KW 4 POLE	PB036	792	PB037A	1059
5.5 KW 4 POLE	PB038	792	PB039A	1059
18.5 KW 2 POLE	PB177	935	PB042A	1120
22 KW 2 POLE	PB043	948	PB044A	1146
30 KW 2 POLE	PB045	948	PB046A	1146
37 KW 2 POLE	PB045	948	PB046A	1146
100 X 65 - 250	PSGD2C			
4 KW 4 POLE	PB067	853	PB050	927
5.5 KW 4 POLE	PB051	853	PB052	927
7.5 KW 4 POLE	PB178	853	PB053	927
30 KW 2 POLE	PB056	1003	PB057	1125
37 KW 2 POLE	PB056	1003	PB057	1125
45 KW 2 POLE	PB069	1350	PB070	1853
55 KW 2 POLE	PB071	1413	PB072	1945
75 KW 2 POLE	PB060	1510	PB061	2222
100 X 65 - 315	PSHD3C			
7.5 KW 4 POLE	PB182	991	PB183	1078
11 KW 4 POLE	PB075	1003	PB076	1125
15 KW 4 POLE	PB077	1146	PB184	1125
55 KW 2 POLE	PB080	1321	PB081	1945
75 KW 2 POLE	PB185	1169	PB186	2928
90 KW 2 POLE	PB082	1824	PB083	2928
110 KW 2 POLE	PB187	2125	PB188	2928



ISO PUMP UNIT BASE KITS

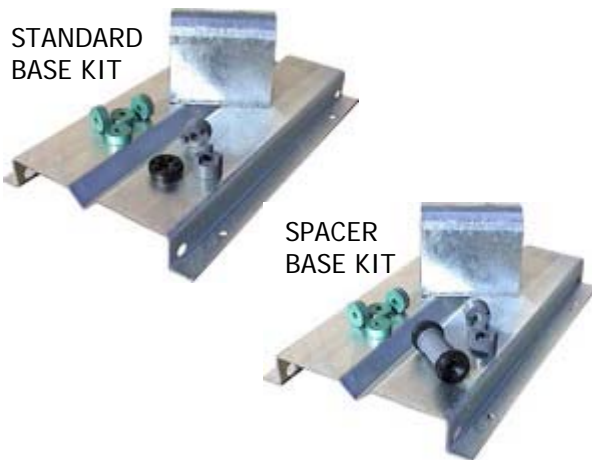
SOUTHERN CROSS ISO PUMP UNIT BASE KITS (Cont'd)

DISCOUNT CATEGORY A9

MODEL PUMP MOTOR	BASE KIT (INCLUDING COUPLING)			
	STANDARD		SPACER	
	CODE	PRICE \$	CODE	PRICE \$
125 X 80 - 200	PSFE2C			
2.2 KW 4 POLE	PB034	701	PB035A	1000
3.0 KW 4 POLE	PB034	701	PB035A	1000
4.0 KW 4 POLE	PB036	792	PB037A	1059
5.5 KW 4 POLE	PB038	792	PB039A	1059
7.5 KW 4 POLE	PB038	792	PB039A	1059
18.5 KW 2 POLE	PB177	935	PB042A	1120
22 KW 2 POLE	PB043	948	PB044A	1146
30 KW 2 POLE	PB045	948	PB046A	1146
37 KW 2 POLE	PB045	948	PB046A	1146
45 KW 2 POLE	PB143	1154	PB144A	1376
125 X 80 - 250	PSGE2C			
4.0 KW 4 POLE	PB098	904	PB099S	990
5.5 KW 4 POLE	PB137	1033	PB100	954
7.5 KW 4 POLE	PB181	1033	PB100	954
11 KW 4 POLE	PB221	1040	PB222	1021
30 KW 2 POLE	PB103B	1040	PB103S	1166
37 KW 2 POLE	PB103B	1040	PB103S	1166
45 KW 2 POLE	PB105B	1088	PB105S	1265
55 KW 2 POLE	PB106B	1169	PB106S	1763
75 KW 2 POLE	PB191B	1539	PB191S	2363
90 KW 2 POLE	PB223	1861	PB244	2442
125 X 80 - 315	PSHE3C			
7.5 KW 4 POLE	PB084	856	PB085	993
11 KW 4 POLE	PB088	1003	PB189	1125
15 KW 4 POLE	PB088	1003	PB189	1125
18.5 KW 4 POLE	PB190	1003	PB091	1125
55 KW 2 POLE	PB225	1265	PB226	2021
75 KW 2 POLE	PB108	2046	PB109	2928
90 KW 2 POLE	PB193	2046	PB194	2928
110 KW 2 POLE	PB193	2046	PB194	2928
132 KW 2 POLE	PB193	2046	PB194	2928
125 X 80 - 400	PSJE3C			
11 KW 4 POLE	PB196	1003	PB199	1125
15 KW 4 POLE	PB119	1003	PB120	1125
18.5 KW 4 POLE	PB121	1003	PB140	1125
22 KW 4 POLE	PB202	1078	PB141	1355
30 KW 4 POLE	PB122	1078	PB142	1355
125 X 100 - 200	PSFF2C			
4 KW 4 POLE	PB049	853	PB050	927
5.5 KW 4 POLE	PB051	853	PB052	927
7.5 KW 4 POLE	PB178	853	PB053	927
30 KW 2 POLE	PB056	1003	PB057	1125
37 KW 2 POLE	PB056	1003	PB057	1125
45 KW 2 POLE	PB058	1169	PB059	1853
55 KW 2 POLE	PB179	1169	PB180	1945
75 KW 2 POLE	PB060	1510	PB061	2222

ISO PUMP UNIT BASE KITS

SOUTHERN CROSS ISO PUMP UNIT BASE KITS (Cont'd)



BASE KIT INCLUDES:-

GALVANISED PRESSED STEEL BASEPLATE
(NOT DRILLED)
FLEXIBLE COUPLING
GALVANISED COUPLING GUARD
SHIMS FOR ON SITE ALIGNMENT
SPACERS & FASTENERS FOR PUMP & MOTOR

NOTE:-

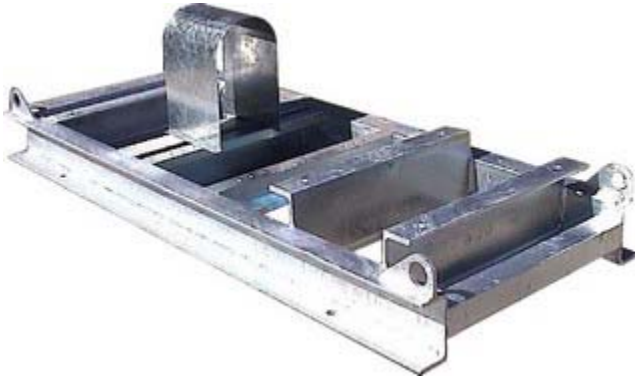
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DISCOUNT CATEGORY A9

MODEL PUMP MOTOR	BASE KIT (INCLUDING COUPLING)			
	CODE	STANDARD PRICE \$	CODE	SPACER PRICE \$
125 X 100 - 250	PSGF3C			
7.5 KW 4 POLE	PB182	991	PB183	1078
11 KW 4 POLE	PB075	1003	PB076	1125
15 KW 4 POLE	PB077	1146	PB184	1125
55 KW 2 POLE	PB080	1321	PB081	1945
75 KW 2 POLE	PB185	1169	PB186	2928
90 KW 2 POLE	PB082	1824	PB083	2928
110 KW 2 POLE	PB187	2125	PB188	2928
125 X 100 - 315	PSHF3C			
11 KW 4 POLE	PB086	1003	PB087	1125
15 KW 4 POLE	PB088	1003	PB189	1125
18.5 KW 4 POLE	PB089	1003	PB090	1125
22 KW 4 POLE	PB190	1003	PB091	1125
90 KW 2 POLE	PB108	2046	PB109	2928
110 KW 2 POLE	PB193	2046	PB194	2928
132 KW 2 POLE	PB193	2046	PB194	2928
125 X 100 - 400	PSJF3C			
22 KW 4 POLE	PB195	1032	PB114	1391
30 KW 4 POLE	PB115	1032	PB116	1391
37 KW 4 POLE	PB123	1176	PB124	1663
45 KW 4 POLE	PB203	1176	PB204	1663
150 X 125 - 250	PSGG3C			
11 KW 4 POLE	PB086	1003	PB087	1125
15 KW 4 POLE	PB088	1003	PB189	1125
18.5 KW 4 POLE	PB089	1003	PB090	1125
22 KW 4 POLE	PB190	1003	PB091	1125
150 X 125 - 315	PSHG3C			
15 KW 4 POLE	PB198	1032	PB201	1391
18.5 KW 4 POLE	PB112	1032	PB113	1391
22 KW 4 POLE	PB195	1032	PB114	1391
30 KW 4 POLE	PB115	1032	PB116	1391
37 KW 4 POLE	PB117	1176	PB204	1663
45 KW 4 POLE	PB203	1176	PB204	1663
150 X 125 - 400	PSJG3C			
30 KW 4 POLE	PB149	1032	PB150	1380
37 KW 4 POLE	PB125	1176	PB126	1663
45 KW 4 POLE	PB205	1176	PB206	1663
55 KW 4 POLE	PB207	2569	PB208	3152
75 KW 4 POLE	PB209	2968	PB210	4200

ISO PUMP UNIT BASE KITS

SOUTHERN CROSS ISO PUMP UNIT BASE KITS (Cont'd)



BASE KIT INCLUDES:-

GALVANISED FABRICATED STEEL BASE (DRILLED) TO ISO DIMENSIONS, GALVANISED COUPLING GUARD, FLEXIBLE COUPLING, SHIMS FOR ON SITE ALIGNMENT AND FASTENERS FOR PUMP & MOTOR

NOTE:-

PRICES DO NOT INCLUDE ASSEMBLY OF UNITS. FOR COMPLETE UNITS REFER TO PES SECTION.

DISCOUNT CATEGORY A9

MODEL PUMP MOTOR	BASE KIT (INCLUDING COUPLING)			
	STANDARD		SPACER	
	CODE	PRICE \$	CODE	PRICE \$
125 X 100 - 500	PSKF4C			
11 KW 6 POLE	PB301	2847	PB302	2979
15 KW 6 POLE	PB303	2847	PB304	2979
18.5 KW 6 POLE	PB305	2979	PB306	3122
22 KW 6 POLE	PB305	2979	PB306	3122
30 KW 6 POLE	PB307	2984	PB308	3921
45 KW 4 POLE	PB307	2984	PB308	3921
55 KW 4 POLE	PB309	3341	PB310	4364
75 KW 4 POLE	PB311	3355	PB312	4475
90 KW 4 POLE	PB313	3355	PB314	4475
150 X 125 - 500	PSKG4C			
18.5 KW 6 POLE	PB315	2859	PB316	2993
22 KW 6 POLE	PB315	2859	PB316	2993
30 KW 6 POLE	PB317	2984	PB318	3921
37 KW 6 POLE	PB319	3331	PB320	4364
55 KW 4 POLE	PB321	3331	PB322	4364
75 KW 4 POLE	PB323	3362	PB324	4401
90 KW 4 POLE	PB325	3362	PB326	4401
110 KW 4 POLE	PB327	3785	PB328	5312
132 KW 4 POLE	PB329	3785	PB330	5312
200 X 150 - 315	PSHH4C			
7.5 KW 6 POLE	PB331	2642	PB332	3209
11 KW 6 POLE	PB333	2642	PB334	3209
15 KW 6 POLE	PB335	2642	PB336	3209
30 KW 4 POLE	PB337	2687	PB338	3249
37 KW 4 POLE	PB339	2882	PB340	3284
45 KW 4 POLE	PB341	2882	PB342	3284
55 KW 4 POLE	PB343	2912	PB344	3390
200 X 150 - 400	PSJH4C			
15 KW 6 POLE	PB345	2642	PB346	3209
18.5 KW 6 POLE	PB347	2687	PB348	3249
22 KW 6 POLE	PB347	2687	PB348	3249
30 KW 6 POLE	PB349	2882	PB350	3284
55 KW 4 POLE	PB351	2912	PB352	3390
75 KW 4 POLE	PB353	2912	PB354	4296
90 KW 4 POLE	PB355	2912	PB356	4296
110 KW 4 POLE	PB357	3243	PB358	5312

ISO PUMP UNIT BASE KITS

SOUTHERN CROSS ISO PUMP UNIT BASE KITS (Cont'd)



BASE KIT INCLUDES:-

GALVANISED FABRICATED STEEL BASE (DRILLED) TO ISO DIMENSIONS, GALVANISED COUPLING GUARD, FLEXIBLE COUPLING, SHIMS FOR ON SITE ALIGNMENT AND FASTENERS FOR PUMP & MOTOR

NOTE:-

PRICES DO NOT INCLUDE ASSEMBLY OF UNITS. FOR COMPLETE UNITS REFER TO PES SECTION.

DISCOUNT CATEGORY A9

MODEL PUMP MOTOR	BASE KIT (INCLUDING COUPLING)			
	STANDARD		SPACER	
	CODE	PRICE \$	CODE	PRICE \$
200 X 150 - 500	PSKH4C			
22 KW 6 POLE	PB359	2687	PB360	3249
30 KW 6 POLE	PB361	2882	PB362	3921
37 KW 6 POLE	PB363	2912	PB364	3921
45 KW 6 POLE	PB365	2912	PB366	4296
55 KW 6 POLE	PB367	2912	PB368	4296
75 KW 4 POLE	PB365	2912	PB366	4296
90 KW 4 POLE	PB367	2912	PB368	4296
110 KW 4 POLE	PB369	3243	PB370	5072
132 KW 4 POLE	PB371	3243	PB372	5312
160 KW 4 POLE	PB373	3243	PB374	5312
200 KW 4 POLE	PB373	3243	PB374	5312
250 X 200 - 315	PSHJ4C			
11 KW 6 POLE	PB375	2642	PB376	3209
15 KW 6 POLE	PB377	2642	PB378	3209
18.5 KW 6 POLE	PB379	2687	PB380	3249
22 KW 6 POLE	PB379	2687	PB380	3249
37 KW 4 POLE	PB381	2882	PB382	3284
45 KW 4 POLE	PB383	2882	PB384	3284
55 KW 4 POLE	PB385	2912	PB386	3390
75 KW 4 POLE	PB387	3437	PB388	4296

PUMP EXPANSION COUPLINGS

TABLE 'E' E.P.D.M. SINGLE-SPHERE CONNECTORS WITH ZINC PLATED FLANGES

- Prevent stresses due to extension and contraction
- Insulate against the transfer of noise and vibration
- Compensate for misalignment
- Alternative flange connections & rubber compounds available



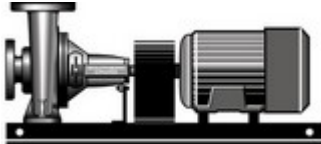
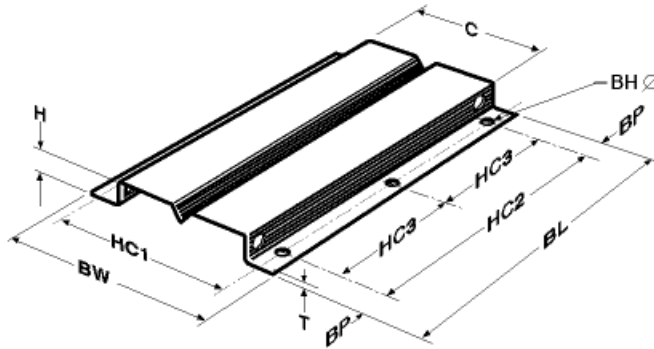
Nominal Diameter		Installed Length mm		Travel mm	Pressures		CODE	PRICE \$
mm	inch	Natural Length "F"	Minimum Maximum Installed	Total Compressed Extended	Positive MPa	Vacuum mm		
50	2"	105	99-107	99-110	1.55	660		
65	2½"	115	107-118	103-121	1.55	660	EXP065	99
80	3"	130	122-133	118-133	1.55	660	EXP080	121
100	4"	135	122-140	117-145	1.55	660	EXP100	148
125	5"	170	156-175	152-180	1.55	660	EXP125	215
150	6"	180	167-185	162-190	1.55	660	EXP150	264
200	8"	205	186-212	180-220	1.55	660	EXP200	400
250	10"	240	221-247	215-254	1.55	660	EXP250	564
300	12"	260	241-267	235-274	1.55	660	EXP300	842

PUMP ACCESSORIES

GALVANISED PRESSED STEEL PUMP BASE PLATES

Bases are for up to 132kW units only.

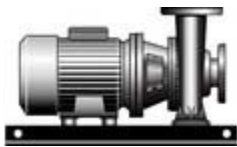
Prices do not include drilling for motor and pump or fasteners and spacers for mounting unit on baseplate



BASES FOR LONG COUPLED PUMP UNITS

DISCOUNT CATEGORY A9

DIMENSIONS IN mm										MASS	CODE	PRICE \$
BL	BW	C	BH \varnothing	HC1	HC2	HC3	BP	H	T	kg		
1100	426	366	15	396	900	450	100	40	5	23.0	SEA613	312
1200	520	410	15	470	900	450	150	74	5	32.2	SEA623	446
1200	572	462	19	522	900	450	150	93	6	44.4	SEA632	604
1500	622	512	19	572	1200	600	150	68	6	54.7	SEA634	692
1500	676	576	24	626	1100	550	200	120	8	88.5	SEA642	1116
1500	676	576	24	626	1100	550	200	120	10	110.6	SEA711	1238
1500	676	576	24	626	1100	550	200	120	12	133.0	SEA721	1870
1600	731	631	24	681	1200	600	200	120	8	100.5	SEA643	1433
1600	731	631	24	681	1200	600	200	120	10	126.0	SEA712	1599
1600	731	631	24	681	1200	600	200	120	12	150.7	SEA722	1767
1800	775	675	24	725	1400	700	200	120	12	178.0	SEA723	1966



BASES FOR MOTORPUMPS

600	426	366	15	396	400	-	100	40	5	13.0	SED610	182
750	520	410	15	470	450	-	150	74	5	20.0	SED612	376
900	572	462	19	522	600	-	150	93	6	33.0	SED614	438
1100	622	512	19	572	800	-	150	68	6	40.1	SED616	519
1200	676	576	24	626	800	-	200	120	8	71.0	SED618	1078
1500	775	675	24	725	1100	550	200	120	12	189.0	SED619	1447

SOUTHERN CROSS HAND OPERATED PRIMING PUMP

HAND OPERATED DIAPHRAGM PUMP



MODEL	CODE	PRICE \$
KDC 25 X 20	PM900	519

Pump suitable for Hand Priming of Pump Suction Lines.
 Pump Suction Connection screwed 25NB (1" BSP) Female Bottom Entry.
 Pump Discharge Connection screwed 20NB (3/4" BSP) Female Side Discharge.
 Capacity: 0.5 litres per second against discharge heads up to 12m and with suction lift not exceeding 7.5m

PUMP ACCESSORIES

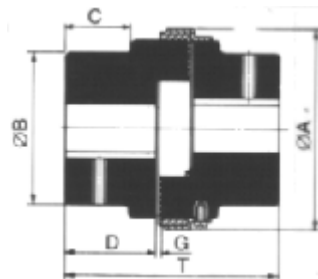
FLEXIBLE SHAFT COUPLINGS - Selection Procedure

- (A) **SERVICE FACTOR** Determine appropriate SERVICE FACTOR from table below.
 - (B) **DESIGN POWER** Multiply running power of driven machine by the service factor. This gives DESIGN POWER which is used as a basis for coupling selection.
 - (C) **COUPLING SIZE** Refer to table for your required coupling type and read from the appropriate speed column until a power equal to or greater than the DESIGN POWER is found.
 - (D) **BORE SIZE** Refer to coupling dimensional data table to check that the required bores can be accommodated.
- EXAMPLE** – A coupling is required to transmit 30kW from an electric motor running at 1450 RPM driving a centrifugal pump for 12 hours per day. The motor shaft diameter is 55mm and the pump shaft diameter is 42mm.
- (A) **SERVICE FACTOR** From table the service factor is 1.0
 - (B) **DESIGN POWER** design power is 30 x 1.0 = 30kW
 - (C) **COUPLING SIZE** Reading from 1500 RPM speed column 30.15kW is the first power to exceed the DESIGN POWER of 30kW. The size of the coupling specified in the first column is SW190.
 - (D) **BORE SIZE** Dimensional data table shows that both shaft diameters are within the range available.

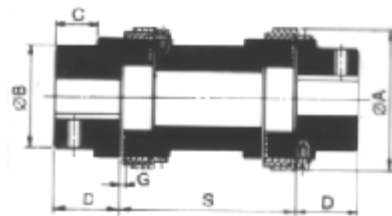
FLEXIBLE COUPLING SERVICE FACTORS SPECIAL CLASSES For applications where substantial shock, vibration and torque fluctuations occur and for reciprocating machines e.g. internal combustion engines, piston pumps and compressors, refer to Southern Cross with full unit details.	Type of Driving Unit					
	Electric Motors			Internal Combustion Engines Water Turbines		
	Hours per Day Duty			Hours per Day Duty		
Driven Machine Class	8	8-16	Over 16	8	8-16	Over 16
Uniform Centrifugal Pumps and Fans, Agitators, Centrifugal Blowers, Conveyors, Generators, Evaporators and Feeders.	SERVICE FACTOR			SERVICE FACTOR		
	1.00	1.00	1.00	1.00	1.00	1.00
Moderate Shock* Non-uniformly Loaded Centrifugal Pumps, Gear Pumps, Bucket Elevators, Centrifugal Compressors, Rotary Screens, Clay Working Machinery and Crane Hoists.	1.10	1.10	1.20	1.20	1.25	1.25
Heavy Shock* Centrifugal Pumps - Frequently Starting, Reciprocating Pumps, Cooling Towers fans, Crushers, Shakers, Welding Sets, Hammer Mills and Vibrating Screens.	1.25	1.40	1.60	1.60	1.80	2.00

* It is recommended that keys with top clearance are fitted for applications where load fluctuation is expected.

FLEXIBLE SHAFT COUPLINGS DIMENSION DATA



"SW"
STANDARD
COUPLING



"RRS"
SPACER
COUPLING

S = Spacer Length 100,140 or 180mm

Coupling Model	Rated Torque Nm	kW Capacity			Bore		øA	Length Thru Bore D	øB	Gap G	C	Overall Length T (SW)
		100 RPM	1500 RPM	3000 RPM	Min.	Max.						
095	21.1	0.22	3.30	6.60	10	28	65	25	49	2	13	63
100	46.4	0.49	7.35	14.70	10	35	78	35	57	2	22	88
110	89.0	0.93	13.95	27.90	15	42	96	43	76	3	30	108
150	141	1.49	22.35	44.70	15	48	111	45	80	3	30	115
190	190	2.01	30.15	60.30	20	55	129	54	102	3	35	133
225	265	2.76	41.40	82.80	20	60	142	64	108	3	45	153
226	317	3.43	51.45	102.90	25	65	153	70	115	3	54	178
The following sizes are standard SW Couplings only - spacer type available P.O.A.												
276	527	5.60	84.00	168.00	25	75	173	80	127	3	61	200
280	782	8.20	123.00	246.00*	30	75	208	80	140	3	61	200
295	1279	13.40	201.00	-	30	90	253	95	160	3	70	238

*Dynamic balancing required at this speed. Materials of construction: Drive and driven flanges - Cast Iron; Spacer - Aluminium

PUMP ACCESSORIES

FLEXIBLE SHAFT COUPLINGS

QUICK PRICE REFERENCE - COMPLETE COUPLINGS

DISCOUNT CATEGORY A9



Note - When ordering, 3 codes are required. 1: Code for Coupling Element. 2: Code for Drive Half. 3: Code for Driven Half

COUPLING SIZE	PRICE - COMPLETE COUPLING BORED AND KEVED TO SIZES LISTED BELOW			
	STANDARD COUPLING	SPACER TYPE COUPLING W/- 100mm SPACER	SPACER TYPE COUPLING W/- 140mm SPACER	SPACER TYPE COUPLING W/- 180mm SPACER
	PRICE \$	PRICE \$	PRICE \$	PRICE \$
095	62	206	208	252
100	95	270	270	327
110	129	344	355	415
150	157	421	421	536
190	231	558	558	695
225	270	718	718	861
226	310	787	787	944
276	378	P.O.A.	P.O.A.	P.O.A.
280	557	P.O.A.	P.O.A.	P.O.A.
295	701	P.O.A.	P.O.A.	P.O.A.

STD COUPLING ELEMENT



SPACER COUPLING ELEMENTS SPACER

COUPLING SIZE	STANDARD COUPLING ELEMENT		SPACER COUPLING ELEMENT AND SPACER					
	CODE	PRICE \$	100mm SPACER		140 mm SPACER		180mm SPACER	
095	XRC014	30	SXC095R	160	SXC095S	162	SXC095T	210
100	XRC015	40	SXC100R	194	SXC100S	194	SXC100T	257
110	XRC016	41	SXC110R	239	SXC110S	251	SXC110T	317
150	XRC017	50	SXC150R	292	SXC150S	292	SXC150T	420
190	XRC018	65	SXC190R	362	SXC190S	362	SXC190T	515
225	XRC019	78	SXC225R	497	SXC225S	497	SXC225T	654
226	XRC020	89	SXC226R	529	SXC226S	605	SXC226T	702
276	XRC021	93	-	P.O.A.	-	P.O.A.	-	P.O.A.
280	XRC022	126	-	P.O.A.	-	P.O.A.	-	P.O.A.
295	XRC023	178	-	P.O.A.	-	P.O.A.	-	P.O.A.

COUPLING HALVES (STD & SPACER)

BORE SIZE	COUPLING SIZE									
	95	100	110	150	190	225	226	276	280	295
Pilot Bore	XRC001A	XRC002A	XRC003A	XRC004A	XRC005A	XRC006A	XRC007A	XRC008A	XRC009A	XRC010A
14mm	XRC001B	-	-	-	-	-	-	-	-	-
19mm	XRC001C	-	XRC003C	-	-	-	-	-	-	-
24mm	XRC001D	XRC002D	XRC003D	XRC004D	XRC005D	-	-	-	-	-
28mm	XRC001E	XRC002E	XRC003E	-	-	-	-	XRC008E	-	-
32mm	-	XRC002F	XRC003F	XRC004F	XRC005F	XRC006F	XRC007F	XRC008F	XRC009F	XRC010F
38mm	-	-	XRC003G	-	-	-	-	XRC008G	XRC009G	XRC010G
42mm	-	-	XRC003H	XRC004H	XRC005H	XRC006H	XRC007H	XRC008H	XRC009H	XRC010H
48mm	-	-	-	XRC004J	XRC005J	XRC006J	XRC007J	XRC008J	XRC009J	XRC010J
55mm	-	-	-	-	XRC005K	XRC006K	XRC007K	XRC008K	XRC009K	XRC010K
60mm	-	-	-	-	-	XRC006L	XRC007L	XRC008L	XRC009L	XRC010L
65mm	-	-	-	-	-	-	XRC007M	XRC008M	XRC009M	XRC010M
70mm			-	-	-	-	-	XRC008N	XRC009N	XRC010N
75mm	-	-	-	-	-	-	-	XRC008P	XRC009P	XRC010P
80mm	-	-	-	-	-	-	-	-	-	XRC010Q
85mm	-	-	-	-	-	-	-	-	-	XRC010R
90mm	-	-	-	-	-	-	-	-	-	XRC010S
COUPLING HALF	PRICE \$	PRICE \$	PRICE \$	PRICE \$	PRICE \$	PRICE \$	PRICE \$	PRICE \$	PRICE \$	PRICE \$
	18	31	48	59	91	106	121	155	242	296

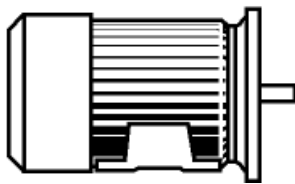
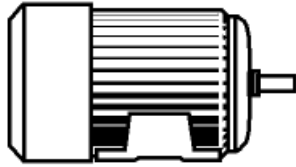
EXAMPLE OF ORDERING (3 CODES REQUIRED)

Coupling Element Code XRC014
 Drive Half (14mm bore) XRC001B
 Driven Half Code (28mm Bore) XRC001E

PUMP ACCESSORIES

**ELECTRIC MOTORS
2 YEAR WARRANTY**

DISCOUNT CATEGORY A9



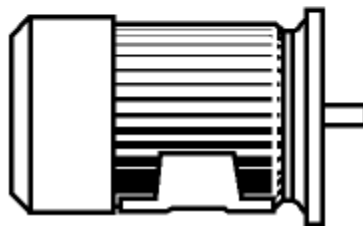
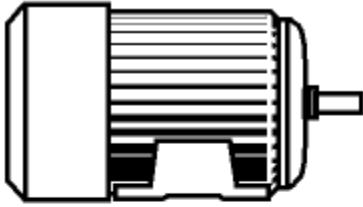
**2 YEAR WARRANTY
CAST IRON FRAME
CLASS "F" INSULATION
IP55 ENCLOSURE
A.S. CONDUIT THREADS
SKF C3 BEARINGS TO 180
FRAME
NSK CM BEARINGS ABOVE
180 FRAME
MEPS TABLE B2**

3 X 415V THREE PHASE 2 POLE							
kW	FRAME	B3 FOOT MOUNT		B3/B5 FOOT & FLANGE MOUNT		CURRENT	
		CODE	PRICE \$	CODE	PRICE \$	FULL LOAD(A)	LOCKED ROTOR(%)
0.75	801-2	XZM082	211	XZM002	198	1.56	680
1.10	802-2	XZM083	297	XZM003	308	2.25	720
1.50	90S-2	XZM084	303	XZM004	322	2.92	750
2.20	90L-2	XZM085	361	XZM005	385	4.20	760
3.00	100L-2	XZM086	379	XZM006	427	5.53	810
4.00	112M1-2	XZM087	488	XZM007	503	7.22	830
5.50	132S1-2	XZM088	650	XZM008	667	9.80	830
7.50	132S2-2	XZM089	753	XZM009	767	13.20	770
11.00	160M1-2	XZM090	1131	XZM011	1263	19.00	750
15.00	160M2-2	XZM091	1296	XZM012	1426	25.60	750
18.50	160L-2	XZM092	1488	XZM013	1660	31.50	750
22.00	180M-2	XZM093	2030	XZM014	2101	36.90	750
30.00	200L1-2	XZM094	2454	XZM015	2679	49.90	750
37.00	200L2-2	XZM095	3332	XZM016	3354	61.30	750
45.00	225M-2	XZM096	3783	XZM017	4071	74.20	750
55.00	250M1-2	XZM097	4594	XZM018	4950	90.40	750
75.00	280S-2	XZM098	5567	XZM019	5956	122.00	750
90.00	280M1-2	XZM099	6893	XZM020	7279	146.00	750
110.00	315M2-2	XZM100	9013	XZM021	9393	175.00	710
132.00	315M-2	XZM101	12807	XZM022	13322	211.00	710
160.00	315L1-2	XZM102	13453	XZM023	14394	259.00	710
3 X 415V THREE PHASE 4 POLE							
0.55	801-4	XZM106	251	XZM041	251	1.26	650
0.75	802-4	XZM107	267	XZM042	266	1.70	660
1.10	90S-4	XZM108	271	XZM043	298	2.37	680
1.50	90L-4	XZM109	290	XZM044	308	3.19	700
2.20	100L1-4	XZM110	355	XZM045	379	4.38	740
3.00	100L2-4	XZM111	424	XZM046	471	5.90	740
4.00	112M-4	XZM112	506	XZM047	568	7.68	750
5.50	132S-4	XZM113	664	XZM048	693	10.30	780
7.50	132M1-4	XZM114	797	XZM049	867	13.80	740
11.00	160M-4	XZM115	1205	XZM051	1263	19.80	700
15.00	160L-4	XZM116	1350	XZM052	1521	26.70	700
18.50	180M-4	XZM117	1696	XZM053	1908	32.50	750
22.00	180L-4	XZM118	2090	XZM054	2301	38.50	780
30.00	200L-4	XZM119	2575	XZM055	2205	52.10	720
37.00	225S-4	XZM120	3556	XZM056	2993	63.20	740
45.00	225M-4	XZM121	3856	XZM057	4143	76.60	740
55.00	250M1-4	XZM122	4733	XZM058	5087	93.40	740
75.00	250M2-4	XZM123	5987	XZM059	6209	125.00	740
90.00	280M1-4	XZM124	6618	XZM060	7533	151.00	720
110.00	280M2-4	XZM125	9667	XZM061	9646	182.00	720
132.00	315M-4	XZM126	11416	XZM062	12179	216.00	690
160.00	315L1-4	XZM127	17112	XZM063	18001	259.00	690
200.00	315L2-4	XZM128	17180	XZM064	18128	328.00	690
3 X 415V THREE PHASE 6 POLE							
11.00	160L-6	XZM321	1519	XZM351	1650	21.60	690
15.00	180L-6	XZM322	1894	XZM352	2190	28.40	720
18.50	200L1-6	XZM323	2347	XZM353	2666	34.80	720
22.00	200L2-6	XZM324	2501	XZM354	2817	40.20	750
30.00	225M-6	XZM325	3856	XZM355	4258	53.70	710
37.00	250M-6	XZM326	4902	XZM356	5418	65.20	700
45.00	280S-6	XZM327	6201	XZM357	6761	78.10	700
55.00	280M1-6	XZM328	6697	XZM358	7238	94.10	700
75.00	225M-6	XZM329	11743	XZM359	12507	130.00	700
90.00	250M-6	XZM330	12229	XZM360	12994	153.00	700
110.00	280S-6	XZM331	15199	XZM361	14859	187.00	670
132.00	280M1-6	XZM332	15945	XZM362	16709	222.00	670
150.00	280S-6	XZM333	18797	XZM363	19534	269.00	670

PUMP ACCESSORIES

**ELECTRIC MOTORS - HIGH EFFECIENCY
2 YEAR WARRANTY**

DISCOUNT CATEGORY A9



3 X 415V THREE PHASE 2 POLE							
KW	FRAME	B3 FOOT MOUNT		B3/B5 FOOT & FLANGE MOUNT		CURRENT	
		CODE	PRICE \$	CODE	PRICE \$	FULL LOAD(A)	LOCKED ROTOR(%)
3.0	D100	XZM586-HE	684	XZM506-HE	718	5.36	932
4.0	D112	XZM587-HE	769	XZM507-HE	807	7.01	856
5.5	D132	XZM588-HE	940	XZM508-HE	986	9.67	776
7.5	D132	XZM589-HE	1105	XZM509-HE	1162	14.30	629
11.0	D160	XZM590-HE	1729	XZM511-HE	1819	18.40	761
15.0	D160	XZM591-HE	2130	XZM512-HE	2235	24.70	789
18.5	D160	XZM592-HE	2841	XZM513-HE	3038	30.50	803
22.0	D180	XZM593-HE	3597	XZM514-HE	3923	38.10	787
30.0	D200	XZM594-HE	4410	XZM515-HE	4868	49.60	685
37.0	D200	XZM595-HE	5366	XZM516-HE	5829	61.00	656
45.0	D225	XZM596-HE	6900	XZM517-HE	7566	72.00	736
55.0	D250	XZM597-HE	8955	XZM518-HE	9903	91.50	705
75.0	D280	XZM598-HE	11269	XZM519-HE	12226	119.00	693
90.0	D280	XZM599-HE	14683	XZM520-HE	16019	148.10	739
110.0	D280M	XZM600-HE	14930	XZM521-HE	16268	179.10	731
132.0	D315	XZM601-HE	20114	XZM522-HE	21835	213.50	721
150.0	D315	XZM602-HE	23758	XZM523-HE	25497	241.30	725
3 X 415V THREE PHASE 4 POLE							
1.1	D90	XZM608-HE	479	XZM543-HE	662	2.21	905
1.5	D90	XZM609-HE	529	XZM544-HE	555	3.10	968
2.2	D100	XZM610-HE	632	XZM545-HE	665	4.24	973
3.0	D100	XZM611-HE	702	XZM546-HE	737	5.95	924
4.0	D112	XZM612-HE	878	XZM547-HE	921	7.69	845
5.5	D132	XZM613-HE	940	XZM548-HE	1162	10.10	891
7.5	D132	XZM614-HE	1407	XZM549-HE	1475	13.60	882
11.0	D160	XZM615-HE	2058	XZM551-HE	2161	19.80	707
15.0	D160	XZM616-HE	2494	XZM552-HE	2613	25.40	728
18.5	D180	XZM617-HE	3287	XZM553-HE	3609	32.50	754
22.0	D180	XZM618-HE	3759	XZM554-HE	4082	38.50	701
30.0	D200	XZM619-HE	4471	XZM555-HE	4930	50.50	773
37.0	D225S	XZM620-HE	5606	XZM556-HE	6271	64.30	669
45.0	D225	XZM621-HE	7042	XZM557-HE	7713	77.10	642
55.0	D250	XZM622-HE	7494	XZM558-HE	8435	93.70	700
75.0	D280	XZM623-HE	10809	XZM559-HE	11763	125.00	648
90.0	D280	XZM624-HE	13273	XZM560-HE	14602	151.30	734
110.0	D315	XZM625-HE	14643	XZM561-HE	P.O.A.	182.20	719
132.0	D315	XZM626-HE	18652	XZM562-HE	P.O.A.	217.10	709
150.0	D315	XZM627-HE	20801	XZM563-HE	P.O.A.	246.20	711
185.0	D315	XZM628-HE	25910	XZM564-HE	P.O.A.	302.00	725
3 X 415V THREE PHASE 6 POLE							
11.0	D160	XZM721-HE	2613	XZM751-HE	P.O.A.	22.10	724
15.0	D180	XZM722-HE	3492	XZM752-HE	P.O.A.	26.90	613
18.5	D200	XZM723-HE	4024	XZM753-HE	P.O.A.	35.80	615
22.0	D200	XZM724-HE	4958	XZM754-HE	P.O.A.	42.20	592
30.0	D225	XZM725-HE	7091	XZM755-HE	P.O.A.	51.70	590
37.0	D250	XZM726-HE	8247	XZM756-HE	P.O.A.	63.80	634
45.0	D250	XZM727-HE	11084	XZM757-HE	P.O.A.	76.20	767
55.0	D280	XZM728-HE	13089	XZM758-HE	P.O.A.	96.00	677

**2 YEAR WARRANTY
CAST IRON FRAME
CLASS "F" INSULATION
IP55 ENCLOSURE
A.S. CONDUIT THREADS
SKF C3 BEARINGS TO 180
FRAME
NSK CM BEARINGS ABOVE
180 FRAME
MEPS TABLE B3**