

END SUCTION PUMPS REPLACEMENT PARTS GUIDE TYPE LC, LF, LCV

*This guide is valid for all Grundfos CBS products beginning with product codes 10, 11 and 20.
See back cover for explanation and identification.*

Grundfos CBS End Suction Pumps are designed and built to provide maximum life while requiring minimum attention and service. At times, replacement parts may be required. **VIRTUALLY ALL REQUIRED PARTS ARE AVAILABLE IN KIT FORM.**

These kits (easily selected from the charts on the following pages) have been designed to insure that any parts needed when replacing any End Suction component, are furnished when you need them, with minimum effort.

Guidelines and Suggestions:

The pump nameplate contains all data required in the selection and ordering of the proper replacement parts kit. The PUMP MODEL AND SERIAL NUMBER should be referenced when ever any replacement parts kit is ordered, while the **pump conditions** (GPM/TDH) and **impeller trim** are required data for the ordering of replacement impellers.

NOTE: SEAL/PACKING KITS ARE ALWAYS RECOMMENDED AS SPARE PARTS
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TO REPLACE A MECHANICAL SEAL

Select the correct Seal Kit, which contains all gaskets and impeller hardware. Shaft sleeve inspection is suggested.

TO REPLACE THE PACKING

Select the correct Packing Kit, which contains all gaskets, impeller hardware and lantern ring. If the packing gland is damaged it may be replaced by ordering the proper Gland Kit. A shaft sleeve or adapter shaft will probably be required.

TO REPLACE THE SHAFT SLEEVES

Select sleeve from sleeve chart. A Seal or Packing Kit will provide other normally needed parts.

**NOTE: For close-coupled units, motor frame type is required for proper sleeve replacement.
Motor type is indicated by frame designation, found on motor nameplate:**

Gyropoise Motors - Frame XXX **TG**
JM Motors - Frame XXX **JM** or **JMZ**
CCP Motors - All Others
(Fractional construction X0XXXX and X1XXXX
do not require sleeves.)

TO REPLACE THE BEARING FRAME

Select the correct Bearing Frame assembly.

TO REPLACE IMPELLER

Select the correct Impeller Kit which contains all gaskets and impeller hardware. A Wear Ring Kit is highly Recommended, and a Seal or Packing Kit will probably be required. Shaft sleeve inspection is suggested.

TO REPLACE WEAR RINGS

Select the correct Wear Ring Kit. An Impeller Kit may be indicated if wear is excessive. A Seal/Packing Kit will provide all other normally replaced components.

TO REPLACE BEARINGS (Frame mounted pumps only)

Select the correct Bearing Frame Kit, which contains the bearings and moisture seals.

TO REPLACE THE SHAFT

Select the correct Shaft Kit. A Bearing Frame Kit and shaft sleeve will also be required.

A Seal or Packing Kit will probably be required.

TO REPLACE LOST OR DAMAGED HARDWARE

Select the correct Hardware Kit.

TO OVERHAUL THE PUMP

Select an Impeller Kit, Wear Ring Kit, Hardware Kit, Seal or Packing Kit, and a Sleeve or Adapter Shaft.

Bearing replacement may also be indicated.

TO OVERHAUL THE BEARING FRAME

Select a Bearing Frame Kit and a Shaft Kit.

TO REPLACE SLINGER (Included in Shaft Kit)

If not replacing shaft, order individually.

ORDERING:

After determining and selecting the required Kit(s), or for selection assistance, contact your local Grundfos CBS Sales Office, Representative or Distributor.

Non Current Models/Constructions indicated in Italics

Model No.	Pump Constr. Code	Impeller Kit (1)				Wear Ring Kit	Hardware Kit	Sleeve	Seal Kit	Packing Kit	Gland
		Bronze	Stainless	Aluminum Bronze	Iron						
1250-1	X0XXXX	91909689	99073365		91909690	#N/A	91910591			-	-
1250-5	X0XXXX	91909691			91909692	#N/A	91910591			-	-
1250-7	X0XXXX	91911544			91911545	#N/A	91910591			-	-
1550-1	X0XXXX	91909691			91909692	91910537	91910591			-	-
1550-1	X1XXXX	91909699	99073366		-	91910537	91910591			-	-
1550-1	X3XXXX	91910844	99073367		-	91910850	91910838			-	-
1550-5	X0XXXX	(4) 91911011			(4) 91911012	#N/A	91910591			-	-
1550-5	X1XXXX	(4) 91911013			(4) 91911014	#N/A	91910591			-	-
1550-5	X3XXXX	(4) 91911015			(4) 91911016	#N/A	91910838			-	-
1550-7	X0XXXX	91911011	99074524		91911012	#N/A	91910591			-	-
1550-7	X1XXXX	91911013	99074538		91911014	#N/A	91910591			-	-
1550-7	X3XXXX	91911015	99074541		91911016	#N/A	91910838			-	-
1550-9	X0XXXX	91911544			91911545	91910537	91910591			-	-
1550-9	X1XXXX	K2323-B			K2323-C	#N/A	91910591			-	-
1550-9	X3XXXX	91911546			91911547	91910850	91910838			-	-
2050-1	X0XXXX	91909706			91909707	#N/A	91910591			-	-
2050-1	X1XXXX	91909708	99074552		-	#N/A	91910591			-	-
2050-1	X3XXXX	91910846	99074575		-	#N/A	91910838			-	-
3050-1	X1XXXX	91909716	99074576		-	#N/A	91910591			-	-
3050-1	X3XXXX	91910849	99074577		-	#N/A	91910838			-	-
1070-5	X0XXXX	(5) 91911003			(5) 91911004	91910538	91910592			-	-
1070-5	X3XXXX	(5) 91911005		97679766	-	91910538	91910593			91910834	91910643
1070-7	X0XXXX	91911003			91911004	91910538	91910592			-	-
1070-7	X3XXXX	91911005		97679766	-	91910538	91910593			91910834	91910643
1270-5	X0XXXX	91909723			-	91910539	91910592			-	-
1270-5	X3XXXX	91909724			91909725	91910539	91910593			91910834	91910643
1270-7	X0XXXX	(6) 91910999			(6) K1962-C	91910539	91910592			-	-
1270-7	X3XXXX	(6) 91909727			(6) 91909728	91910539	91910593			91910834	91910643
1270-9	X0XXXX	91910999	99075794		-	91910539	91910592			-	-
1270-9	X3XXXX	91911000		97909161	91911001	91910539	91910593			91910834	91910643
1570-1	X0XXXX	91909734			#N/A	91910540	91910592			-	-
1570-1	X3XXXX	91909735			91909736	91910540	91910593			91910834	91910643
1570-5	X0XXXX	91909737	99075802		91909738	91910540	91910592			-	-
1570-5	X3XXXX	91909739		97850072	91909740	91910540	91910593			91910834	91910643
2070-5	X0XXXX	91909741			-	91910541	91910592			-	-
2070-5	X3XXXX	91909742			91909743	91910541	91910593			91910834	91910643
2070-7	X0XXXX	91909748			-	91910541	91910592			-	-
2070-7	X3XXXX	91909749			91909750	91910541	91910593			91910834	91910643
2070-7	X4XXXX	91909754		98095291	91909755	91910541	91910594			91910847	91910644
2070-9	X0XXXX	91911589	99075822		91911590	91910541	91910592			-	-
2070-9	X3XXXX	91911595		97776120	91911596	91910541	91910593			91910834	91910643
2070-9	X4XXXX	91911601		91911601	91911602	91910541	91910594			91910847	91910644
2570-5	X3XXXX	91909758			91909759	91910542	91910593			91910834	91910643
2570-5	X4XXXX	91909760			91909761	91910542	91910594			91910847	91910644
2570-7	X3XXXX	91909762		97891615	91909763	91910542	91910593			91910834	91910643
2570-7	X4XXXX	91909765		98355688	91909766	91910542	91910594			91910847	91910644
3070-5	X3XXXX	91909768			91909769	91910543	91910593			91910834	91910643
3070-5	X4XXXX	91909770			91909771	91910543	91910594			91910847	91910644
3070-7	X3XXXX	91909772		97661731	91909773	91910544	91910593			91910834	91910643
3070-7	X4XXXX	91909777			91909778	91910544	91910594			91910847	91910644
4070-5	X3XXXX	91909779			91909780	91910546	91910593			91910834	91910643
4070-5	X4XXXX	91909781			91909782	91910580	91910594			91910847	91910644
4070-7	X3XXXX	91909783		97908496	91909784	91910548	91910593			91910834	91910643
4070-7	X4XXXX	91909788		98158554	91909789	91910582	91910594			91910847	91910644
4070-7	X4-(JM MTR)	91909788		98158554	91909789	91910583	91910594			91910847	91910644
1595-1	X3XXXX	91909791	99075854	96699310	91909792	91910540	91910595			91910834	91910643
1595-5	X3XXXX	91909793	99075855	97852485	91909795	91910540	91910595			91910834	91910643
1595-5	X4XXXX	91909796	99075856	97757383	91909797	91910540	91910596			91910847	91910644
1595-7	X3XXXX	91911017(7)			91911018(7)	91910540	91910595			91910834	91910643
1595-7	X4XXXX	91911019(7)		97710406	91911020(7)	91910540	91910596			91910847	91910644
1595-9	X3XXXX	91911017	99075859	97692479	91911018	91910540	91910595			91910834	91910643
1595-9	X4XXXX	91911019		97710406	91911020	91910540	91910596			91910847	91910644

See page 6 for sleeve selection

See page 7 for seal selection

(1), (4), (5), (6), (7), (8) See Notes on Page 5.

Model No.	Pump Constr. Code	Impeller Kit (1)				Wear Ring Kit	Hardware Kit	Sleeve (2)	Seal Kit (3)	Packing Kit	Gland Kit
		Bronze	Stainless	A. Bronze	Iron						
2095-1	X3XXXX	91909810			91909812	91910541	91910595			91910834	91910643
2095-1	X4XXXX	91909813		97691987	91909814	91910541	91910596			91910847	91910644
2095-3	X3XXXX	91909815	99075873	97948034	91909816	91910541	91910595			91910834	91910643
2095-3	X4XXXX	91909819		98483455	91909820	91910541	91910596			91910847	91910644
2595-1	X3XXXX	91909823(8)			91909824(8)	91910542	91910595			91910834	91910643
2595-1	X4XXXX	91909825(8)			91909826(8)	91910542	91910596			91910847	91910644
2595-3	X3XXXX	91909823			91909824	91910542	91910595			91910834	91910643
2595-3	X4XXXX	91909825			91909826	91910542	91910596			91910847	91910644
2595-5	X3XXXX	91909827			91909829	91910542	91910595			91910834	91910643
2595-5	X4XXXX	91909830			-	91910542	91910596			91910847	91910644
2595-7	X3XXXX	91911369		97745127	91911370	91910542	91910595			91910834	91910643
2595-7	X4XXXX	91911371	99075879	91911371	91911372	91910542	91910596			91910847	91910644
3095-3	X3XXXX	91909850			-	91910543	91910595			91910834	91910643
3095-3	X4XXXX	91909852			-	91910543	91910596			91910847	91910644
3095-5	X3XXXX	91909853			91909854	91910543	91910595			91910834	91910643
3095-5	X4XXXX	91909855			91909856	91910567	91910596			91910847	91910644
3095-7	X3XXXX	91911630			91911633	91910543	91910595			91910834	91910643
3095-7	X4XXXX	91911637			91911638	91910567	91910596			91910847	91910644
4095-5	X3XXXX	91909857			91909858	91910549	91910595			91910834	91910643
4095-5	X4XXXX	91909859	99075885	98329314	91909860	91910549	91910596			91910847	91910644
4095-B	X4XXXX	91909861			91909862	91910549	91910596			91910847	91910644
4095-7	X3XXXX	91909863	99075886		91909865	91910549	91910596			91910834	91910643
4095-7	X4XXXX	91909867			91909870	91910549	91910596			91910847	91910644
4095-9	X4XXXX	91909872			91909873	91910549	91910596			91910847	91910644
5095-5	X4XXXX	91909885			91909886	91910550	91910596			91910847	91910644
5095-7	X4XXXX	91909887		97683168	91909891	91910551	91910596			91910847	91910644
6095-1	X4XXXX	91909898		97713071	-	91910554	91910596			91910847	91910644
6095-1	X5XXXX	91909900			-	91910579	-			91910855	91910645
2012-1	X3XXXX	91909901			91909902	91910541	91910598			91910834	91910643
2012-1	X4XXXX	91909903	99076346		-	91910541	91910599			91910847	91910644
2012-1	X4XXXX	91909904	99076347		91909905	91910541	91910599			91910847	91910644
2512-1	X4XXXX	91909906			-	91910542	91910599			91910847	91910644
2512-3	X3XXXX	91909908	99076350	97825585	-	91910542	91910598			91910834	91910643
2512-3	X4XXXX	91909915	99076351		91909916	91910542	91910599			91910847	91910644
3012-1	X4XXXX	91909917	99076363		91909918	91910555	91910599			91910847	91910644
3012-1	X4XXXX	91909919			-	91910555	91910599			91910847	91910644
3012-5	X4XXXX	91909921			91909922	91910555	91910599			91910847	91910644
3012-5	X4XXXX	91909923			91909924	91910555	91910599			91910847	91910644
3012-7	X4XXXX	91911373	99076368		91911374	91910555	91910599			91910847	91910644
3012-7	X4XXXX	91911375			91911376	91910555	91910599			91910847	91910644
4012-5	X4XXXX	91909925			91909926	91910556	91910599			91910847	91910644
4012-7	X4XXXX	91909928			91909931	91910556	91910599			91910847	91910644
4012-9	X4XXXX	91911367			91911368	91910556	91910599			91910847	91910644
4012-A	X4XXXX	91909218			-	91910556	91910599			91910847	91910644
5012-1	X4XXXX	91909932			-	91910557	91910599			91910847	91910644
5012-3	X4XXXX	91909951	99076381		91909952	91910558	91910599			91910847	91910644
5012-3	X4XXXX	91909957			91909958	91910558	91910599			91910847	91910644
5012-3	X5XXXX	96769259	99076387		-	98182634	91910599			91910847	91910644
6012-1	X4XXXX	91909959			-	91910559	91910600			91910847	91910644
6012-1	X5XXXX	91909961			91909962	91910559	91910599			91910855	91910645
6012-3	X4XXXX	91909963	99076450		-	91910561	91910599			91910847	91910644
6012-3	X4XXXX	91909965			91909967	91910561	91910600			91910847	91910644
6012-3	X5XXXX	91909969	99076451		91909970	91910562	91910600			91910855	91910645
8012-1	X5XXXX	91909977			-	91910563	91910600			91910855	91910645
8012-3	X5XXXX	91910024		97627782	91910026	91910564	91910601			91910855	91910645
3015-5	X4XXXX	91910059			91910060	91910555	91910601			91910847	91910644
3015-5	X4XXXX	91910067			91910068	91910555	91910601			91910847	91910644
3015-7	X4XXXX	91911029			91911030	91910555	91910601			91910847	91910644
4015-7	X4XXXX	-			-	91910556	91910601			91910847	91910644
4015-7	X4XXXX	91910083	99076459		-	91910556	91910601			91910847	91910644
4015-7	X5XXXX	91910093	99076458		-	91910556	91910601			91910855	91910645
5015-5	X5XXXX	91910112			-	91910565	91910601			91910855	91910645
5015-7	X5XXXX	91910113	99076461		91910114	91910566	91910601			91910855	91910645
6015-5	X5XXXX	91910124			-	91910558	91910601			91910855	91910645
6015-5	X6XXXX	91910126			91910127	-	91910601			91910880	91910646
6015-7	X5XXXX	91910130	99076465		-	91910568	91910601			91910855	91910645
6015-7	X6XXXX	91910139	99076466		-	91910569	91910601			91910880	91910646
8015-5	X5XXXX	91910152		98182193	-	91910568	91910601			91910855	91910645
8015-5	X6XXXX	91910155	99076467		-	91910569	91910601			91910880	91910646
1015-3	X6XXXX	-		96827055	91910159	91910571	91910601			91910880	91910646
1015-3	X8XXXX	96703828	99076469	97632808	-	-	-			91910920	91910647

See page 6 for sleeve selection

See page 7 for seal selection

- NOTES:**
- (1) Specify Impeller diameter when ordering.
 - (4) Select trim diameter for conditions from appropriate curve 1550-7.
 - (5) Select trim diameter for conditions from appropriate curve 1070-7.
 - (6) Select trim diameter for conditions from appropriate curve 1270-9.
 - (7) Select trim diameter for conditions from appropriate curve 1595-9.
 - (8) Select trim diameter for conditions from appropriate curve 2595-3.

BEARING FRAME ASSEMBLY

Const. Code Bearing Frame Number	Catalog Number Steel Shaft Greased For Life	Stainless Shaft Greased For Life	Steel Shaft Greaseable	Stainless Shaft Greaseable	Steel Shaft Oil Lubed	Stainless Shaft Oil Lubed
XX10XX*	91869771	91869768	-	-	-	-
XX32XX*	20060616	20061569	-	-	-	-
XX3PXX	99027469					
XX3AXX	-	-	91869800	91869801	-	-
XX3LXX	91869852	91869858	-	-	-	-
XX3NXX	-	-	91869856	91869861	-	-
XX3MXX	-	-	-	-	91869855	91869860
XX6PXX	99026846					
XX62XX*	20060663	20061571	-	-	20062601	-
XX6CXX	-	-	20061588	20061781	-	-
XX6KXX	-	91869811	-	-	-	-
XX6LXX	91869853	91869859	-	-	-	-
XX6NXX	-	-	91869857	91869863	-	-
XX6MXX	-	-	-	-	91869855	91869862
XX82XX	91869770	91869786	-	-	91869849	-
XX8AXX	-	-	91869772	91869787	-	-
XX88XX	91869808	91869809	-	-	-	-
XX89XX	-	-	20062629	20062630	-	-
XX90XX	91869769	91869788	-	-	-	-
XX9AXX	-	-	91869776	91869789	-	-
XX9PXX	91869804	91869806	-	-	-	-
XX9QXX	-	-	91869805	20062035	-	-
XX93XX	-	-	91869773	91869796	-	-

Frame Number	Bearing Kit Number	Shaft Kit Number (Steel)	Shaft Kit Number (Stainless)
XX10XX	91911044	-	-
XX22XX*	91911060	91911320	91911533
XX3PXX	91911769	91911777	91911778
XX32XX	91911071	91911340	91911552
XX3AXX	91911173	91911351	91911563
XX3LXX	91911769	91911777	91911778
XX3NXX	91911771	91911777	91911778
XX3MXX	91911770	91911777	91911778
XX6PXX	91911772	91911779	91911780
XX62XX	91911082	91911362	91911574
XX6CXX	91911093	91911362	91911574
XX6LXX	91911772	91911779	91911780
XX6NXX	91911774	91911779	91911780
XX6MXX	91911773	91911779	91911780
XX6KXX	91911082	-	91911378
XX82XX	91911104	91911389	91911624
XX8AXX	91911184	91911389	91911624
XX88XX	91911104	91911389	91911624
XX89XX	91911184	91911389	91911624
XX90XX	91911128	91911403	-
XX9AXX	91911139	91911403	-
XX9PXX	91911128	91911416	-
XX9QXX	91911139	91911416	-

Note: * THE 10,22, 32, 62 BEARING FRAME IS OBSOLETE.

SHAFT SLEEVES AND ADAPTER SHAFTS

1. Shaft Sleeves (1) See Page 1 Prior to Making Selections.

Motor or Bearing Frame	Const. Code	Seal	Packing	Sleeve Material	Part Number
Fractional #10	X0XXXX	X			None
Integral -	X1XXXX	X			None
#22	X3	X		Bronze	91843615
X				Stainless	91843616
Gypropoise (TG) #32, 3A	X3	X		Bronze	91843687
#3L, 3N,		X		Stainless	91843690
3M, 3P	'03		X	Bronze	91843687
X				Stainless	91843690
83		X		Bronze	91843784
X				Stainless	91843785
93		X		Bronze	91843749
X				Stainless	91843750
JM	X3	X		Bronze	91843842
X				Stainless	91843844
83		X		Bronze	91843861
X				Stainless	91843862
JP, CCP		X		Bronze	91843618
X3		X		Stainless	91843625
X				Bronze	91843618
X				Stainless	91843625
83		X		Bronze	91843850
X				Stainless	96769942
JP, CCP #62, 6C, 6P	X4	X		Bronze	91843632
#6L, 6N, 6M		X		Stainless	91843636
'04			X	Bronze	91843632
X				Stainless	91843636
84		X		Bronze	91843863
94		X		Bronze	91843796
JM	X4	X		Bronze	91809580
X				Stainless	91843804
84		X		Bronze	91843868
X				Stainless	91843869
JP, CCP #62, 6C	XA	X		Bronze	91909581
#6L, 6N, 6M		X		Stainless	91843814
#62, 6C, 6K	0A		X	Bronze	91909581
X Stainless				Stainless	91843814
JM	XA	X		Bronze	91909583
X Stainless				Stainless	91843859
CCP #82, 88, 89, 8A		X (2)		Bronze	91843739
X5		X		Stainless	91843740
X				Bronze	91843724
X				Stainless	91843726
CCP #90, 9A, 9P, 9Q		X		Bronze	91843757
X				Stainless	91843759
X6			X	Bronze	91843744
X				Stainless	91843747

ADAPTER SHAFTS

Motor	Const. Code	Packing	Kit No.
JM	X3	X	91910648
	X4	X	91910649
	XA	X	91910650

(1) Requires 91893784 Tube of Locktite.

(2) Standard single seal only. For double, liquid jacketed or teflon type 9 seal, use the sleeve designated for packing.

SEAL KITS

Pump Model	Pump Const. Code	Std. Seal BUNA - Cer. Seat C-Code 1XXXXX	Std. Seal BUNA - Ni-Resist C-Code 7XXXXX	Viton - Ni-Resist Seat C-Code 6XXXXX	Viton - Tung. Car. Seat C-Code 2XXXXX	Viton - Ni-Resist Seat Liq. Jcktd. C-Code 9XXXXX	BUNA - Cer. Seat Dbl. Mech Std. Seal C-Code 3XXXXX	BUNA - Sil. Seat Bal. Seal C-Code 8XXXXX	EPDM - Sil. Seat Std. Seal C-Code FXXXXX	EPDM - Sil. Seat Liq. Jcktd. C-Code GXXXXX
1250 1550 2050	X0XXXX	91909684	91909687	91909686	91909685	-	-	-	91909688	-
1550 2050 3050	X1XXXX	91909719	91909722	91909721	91909720	-	-	-	K101-F	-
1070 1270 1570 2070	X0XXXX	91909744	91909747	91909746	91909745	-	-	-	K102-F	-
1070 1270 1570 2070 2570 3070 4070	X3XXXX	91909832	91909838	91909837	91909834	91909838	91909836	91909840	91909846	K105-G
2070 2570 3070 4070	X4XXXX	91909802	91909806	91909805	91909803	91909806	91909804	K104-8	91909808	K104-G
1595 2095 2595 3095 4095	X3XXXX	91909832	91909838	91909837	91909834	91909838	91909836	91909840	91909846	K105-G
1595 2095 2595 3095 4095 5095	X4XXXX	91909874	91909879	91909878	91909875	91909879	91909876	91909880	91909883	K106-G
3095 4095 6095	XAXXXX	91910609	91910612	91910611	91910610	-	-	-	91910614	-
6095	X4XXXX	91910707	91910709	91910708	K140-2	-	K140-3	-	K140-F	-
2012 2512	X3XXXX	91909909	91909913	91909912	91909910	91909913	91909911	91909914	K107-F	K107-G
2012 2512 3012 4012 5012 6012	X4XXXX	91909944	91909948	91909947	91909945	-	-	-	91909949	-
2012 2512 3012 4012 5012 6012	XAXXXX	91910715	91910718	91910717	91910716	-	-	-	91910722	-
6012 8012 3015 4015	X5XXXX X4XXXX	91910061 91910149	91910066 91910151	91910065 91910150	91910063 K110-2	- -	91910064 -	- -	K109-F K110-F	- -
3015 4015	XAXXXX	91910629	91910632	91910631	91910630	-	-	-	K128-F	-
4015 5015 6015 8015	X5XXXX	91910192	91910196	91910195	91910193	-	91910194	-	K111-F	-
6015 8015 1015	X6XXXX	91910246	91910250	K112-6	91910247	-	91910248	-	K112-F	-

GASKETS

Pump Size (Nominal Max. Impeller Dia.)	Const. Code	Seal I.D. (in)	Gasket P/N	Gasket Description
5"	X0, X1	0.625, 0.75	91848917	Volute Gasket
7"	X0, X3, X4	0.625, 1.25, 1.75	91869180	Volute "O" Ring
9.5"	X3, X4, XA	1.25, 1.75	91849028	Volute Gasket
			91869180	"O" Ring-Backplate
9.5"	X5	2.25	91849028	Volute Gasket
12"	X3, XA	1.25, 1.75	91848843	Volute Gasket
			91869180	"O" Ring-Backplate
12"	X5	2.25	91848843	Volute Gasket
			91849000	Backplate Gasket
15"	XA	1.75	91848882	Volute Gasket
			91869180	"O" Ring-Backplate
15"	X5, X6	2.25, 2.75	91848882	Volute Gasket
			91849000	Backplate Gasket

SLINGERS

Const. Code	Part Number
X0	91867837
X1	91867839
X3	91867835
X4,XA	91867849
X5	91867832
X6	91867846

**EXPLANATION OF PUMP CATALOG
(Refer to Pump Nameplate)**

XX	XXXXX	XXXXXX
Product Code	Model Number	Construction Code

NOTE: This Replacement Parts Guide is valid for all Grundfos CBS products beginning with product codes 10, 11 and 20 only.

Product Code 10 = Close coupled End Suction, type LC

Product Code 20 = Closed Coupled Vertical Mount, type LCV

Product Code 11 = Framed Mounted End Suction, type LF

KIT COMPONENTS

Impeller Kit:
 Impeller
 Volute Gasket
 Backplate Gasket
 Impeller Cap Screw
 Impeller Washer
 Impeller Key
 Impeller Nut

Seal Kit:
 Mechanical Seal
 Volute Gasket
 Backplate Gasket
 Seal Cap Gasket
 Impeller Cap Screw
 Impeller Washer
 Impeller Key
 Impeller Nut

Packing Kit:
 Packing Seal
 Volute Gasket
 Backplate Gasket
 Lantern Ring
 Impeller Cap Screw
 Impeller Washer
 Impeller Key
 Impeller Nut

Wear Ring Kit:
 Wear Rings

Bearing Frame Assembly

Gland Kit:
 Packing Gland
 Studs
 Nuts
 Bolts
 Washers
 Retaining Ring

Sleeves:
 (Non-Kitted)
 Bronze
 Stainless Steel

Bearing Frame Kit:
 Ball Bearings
 Moisture Seals
 Retaining Rings

Hardware Kit:
 Cap Screws

Adapter Shafts:
 303 Stainless Steel
 Adapter Shaft
 Key
 Rollpin

Shaft Kit:
 Shaft
 Slinger
 Keys

Gaskets:
 (Non-Kitted)

NOTE: Kits may contain all parts listed. They are individually selected for each pump and its construction.

Kits may contain gaskets wherever gasket replacement is indicated, as noted above.
 Should "individual" gaskets be required, see page 8.

NOTE: Seal/Packing Kits are always recommended as spare parts.