

## **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.

<b>NOTE: SEAL/PACKING KITS ARE ALWAYS RECOMMENDED AS SPARE PARTS</b>
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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	N.A. Bronze	Iron						
1250-1	X0XXXX	91909689		91909690	#N/A	91910591	See page 6 for sleeve selection	See page 7 for seal selection	-	-
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		-	91910537	91910591			-	-
1550-1	X3XXXX	91910844		-	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		91911012	#N/A	91910591			-	-
1550-7	X1XXXX	91911013		91911014	#N/A	91910591			-	-
1550-7	X3XXXX	91911015		91911016	#N/A	91910838			-	-
1550-9	X0XXXX	91911544	96899368	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		-	#N/A	91910591			-	-
2050-1	X3XXXX	91910846	97784919	-	#N/A	91910838			-	-
3050-1	X1XXXX	91909716		-	#N/A	91910591			-	-
3050-1	X3XXXX	91910849		-	#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		-	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		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		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	96699310	91909792	91910540	91910595			91910834	91910643
1595-5	X3XXXX	91909793	97852485	91909795	91910540	91910595			91910834	91910643
1595-5	X4XXXX	91909796	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	97692479	91911018	91910540	91910595			91910834	91910643
1595-9	X4XXXX	91911019	97710406	91911020	91910540	91910596			91910847	91910644

(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	N.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	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	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	XAXXXX	91909855		91909856	91910567	91910596		91910847	91910644	
3095-7	X3XXXX	91911630		91911633	91910543	91910595		91910834	91910643	
3095-7	XAXXXX	91911637		91911638	91910567	91910596		91910847	91910644	
4095-5	X3XXXX	91909857		91909858	91910549	91910595		91910834	91910643	
4095-5	X4XXXX	91909859	98329314	91909860	91910549	91910596		91910847	91910644	
4095-B	XAXXXX	91909861		91909862	91910549	91910596		91910847	91910644	
4095-7	X3XXXX	91909863		91909865	91910549	91910596		91910834	91910643	
4095-7	X4XXXX	91909867		91909870	91910549	91910596		91910847	91910644	
4095-9	XAXXXX	91909872		91909873	91910549	91910596		91910847	91910644	
5095-5	X4XXXX	91909885	97683168	91909886	91910550	91910596		91910847	91910644	
5095-7	X4XXXX	91909887		91909891	91910551	91910596		91910847	91910644	
6095-1	XAXXXX	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		-	91910541	91910599		91910847	91910644	
2012-1	XAXXXX	91909904		91909905	91910541	91910599		91910847	91910644	
2512-1	X4XXXX	91909906		-	91910542	91910599		91910847	91910644	
2512-3	X3XXXX	91909908	97825585	-	91910542	91910598		91910834	91910643	
2512-3	XAXXXX	91909915		91909916	91910542	91910599		91910847	91910644	
3012-1	X4XXXX	91909917		91909918	91910555	91910599		91910847	91910644	
3012-1	XAXXXX	91909919		-	91910555	91910599		91910847	91910644	
3012-5	X4XXXX	91909921		91909922	91910555	91910599		91910847	91910644	
3012-5	XAXXXX	91909923		91909924	91910555	91910599		91910847	91910644	
3012-7	X4XXXX	91911373		91911374	91910555	91910599		91910847	91910644	
3012-7	XAXXXX	91911375		91911376	91910555	91910599		91910847	91910644	
4012-5	X4XXXX	91909925		91909926	91910556	91910599		91910847	91910644	
4012-7	XAXXXX	91909928		91909931	91910556	91910599		91910847	91910644	
4012-9	XAXXXX	91911367		91911368	91910556	91910599		91910847	91910644	
4012-A	XAXXXX	91909218		-	91910556	91910599		91910847	91910644	
5012-1	X4XXXX	91909932		-	91910557	91910599		91910847	91910644	
5012-3	X4XXXX	91909951		91909952	91910558	91910599		91910847	91910644	
5012-3	XAXXXX	91909957		91909958	91910558	91910599		91910847	91910644	
5012-3	X5XXXX	96769259		-	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		-	91910561	91910599		91910847	91910644	
6012-3	XAXXXX	91909965		91909967	91910561	91910600		91910847	91910644	
6012-3	X5XXXX	91909969		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	XAXXXX	91910067		91910068	91910555	91910601		91910847	91910644	
3015-7	XAXXXX	91911029		91911030	91910555	91910601		91910847	91910644	
4015-7	X4XXXX	-		-	91910556	91910601		91910847	91910644	
4015-7	XAXXXX	91910083		-	91910556	91910601		91910847	91910644	
4015-7	X5XXXX	91910093		-	91910556	91910601		91910855	91910645	
5015-5	X5XXXX	91910112		-	91910565	91910601		91910855	91910645	
5015-7	X5XXXX	91910113		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		-	91910568	91910601		91910855	91910645	
6015-7	X6XXXX	91910139		-	91910569	91910601		91910880	91910646	
8015-5	X5XXXX	91910152	98182193	-	91910568	91910601		91910855	91910645	
8015-5	X6XXXX	91910155		-	91910569	91910601		91910880	91910646	
1015-3	X6XXXX	-	96827055	91910159	91910571	91910601		91910880	91910646	
1015-3	X8XXXX	96703828	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	-	-	-	-
XX34XX	-	-	91869800	91869801	-	-
XX3LXX	91869852	91869858	-	-	-	-
XX3NXX	-	-	91869856	91869861	-	-
XX3MXX	-	-	-	-	91869855	91869860
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
XX32XX	91911071	91911340	91911552
XX34XX	91911173	91911351	91911563
XX3LXX	91911769	91911777	91911778
XX3NXX	91911771	91911777	91911778
XX3MXX	91911770	91911777	91911778
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 #3L, 3N, 3M	X3	X		Bronze	91843687
		X		Stainless	91843690
	'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
JP, CCP	X3	X		Bronze	91843618
		X		Stainless	91843625
	83		X	Bronze	91843618
			X	Stainless	91843625
		X		Bronze	91843850
		X		Stainless	96769942
JP, CCP #62, 6C #6L, 6N, 6M	X4	X		Bronze	91843632
		X		Stainless	91843636
	'04		X	Bronze	91843632
			X	Stainless	91843636
	84	X		Bronze	91843863
	94	X		Bronze	91843796
JM	X4	X		Bronze	91843803
		X		Stainless	91843804
	84	X		Bronze	91843868
JP, CCP #62, 6C #6L, 6N, 6M #62, 6C, 6K	0A	X		Bronze	91843812
		X		Stainless	91843814
	XA		X	Bronze	91843812
			X	Stainless	91843814
JM	XA	X		Bronze	91843858
		X		Stainless	91843859
CCP #82, 88, 89, 8A	X5	X (2)		Bronze	91843739
		X		Stainless	91843740
		X		Bronze	91843724
CCP #90, 9A, 9P, 9Q	X6	X		Bronze	91843757
		X		Stainless	91843759
		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.

Pump Model	Pump Const. Code	Std. Seal BUNA - Cer. Seat C-Code 1XXXXX	Std. Seal BUNA - Sil. Seat 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	X5XXXX	91910061	91910066	91910065	91910063	-	91910064	-	K109-F	-
3015 4015	X4XXXX	91910149	91910151	91910150	K110-2	-	-	-	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	.625, .75	91848917	Volute Gasket
7"	X0, X3, X4	.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)**

<b>XX</b>	<b>XXXXX</b>	<b>XXXXXX</b>
<b>Product Code</b>	<b>Model Number</b>	<b>Construction Code</b>

**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 11** = Closed Coupled Vertical Mount, type LCV
- Product Code 20** = Framed Mounted End Suction, type LF

**KIT COMPONENTS**

<p><b>Impeller Kit:</b>          Impeller          Volute Gasket          Backplate Gasket          Impeller Cap Screw          Impeller Washer          Impeller Key          Impeller Nut</p>	<p><b>Seal Kit:</b>          Mechanical Seal          Volute Gasket          Backplate Gasket          Seal Cap Gasket          Impeller Cap Screw          Impeller Washer          Impeller Key          Impeller Nut</p>	<p><b>Packing Kit:</b>          Packing Seal          Volute Gasket          Backplate Gasket          Lantern Ring          Impeller Cap Screw          Impeller Washer          Impeller Key          Impeller Nut</p>
<p><b>Wear Ring Kit:</b>          Wear Rings</p>	<p><b>Bearing Frame Assembly</b></p>	<p><b>Gland Kit:</b>          Packing Gland          Studs          Nuts          Bolts          Washers          Retaining Ring</p>
<p><b>Sleeves:</b>          (Non-Kitted)          Bronze          Stainless Steel</p>	<p><b>Bearing Frame Kit:</b>          Ball Bearings          Moisture Seals          Retaining Rings</p>	<p><b>Hardware Kit:</b>          Cap Screws</p>
<p><b>Adapter Shafts:</b>          303 Stainless Steel          Adapter Shaft          Key          Rollpin</p>	<p><b>Shaft Kit:</b>          Shaft          Slinger          Keys</p>	<p><b>Gaskets:</b>          (Non-Kitted)</p>

**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.