

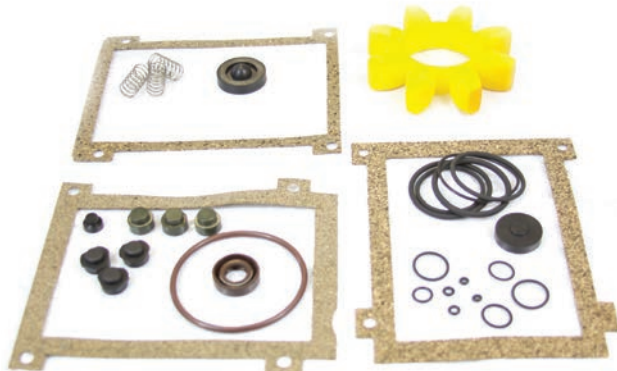
### KITS

KIT BILL OF MATERIALS CAN BE FOUND LISTED ON THE 'KIT COMPONENTS' PAGES IMMEDIATELY FOLLOWING CORRESPONDING PUMP PAGES.

#### SEAL KITS

SEAL KITS INCLUDE COUPLING ELEMENT, O-RINGS, GASKETS, SHAFT SEALS & OTHER COMPONENTS FOR LIGHT OVERHAUL.

MODEL(S)	PART NUMBER
D 05/08/12	985700212001
D 18/28	985700228008



#### MAJOR SERVICE KITS

MAJOR SERVICE KITS INCLUDE ALL COMPONENTS OF SEAL KITS PLUS VANES & OTHER COMPONENTS FOR MAJOR OVERHAUL.

MODEL(S)	PART NUMBER
D 05	985700205002
D 08/12	985700212002
D 18/28	985700228002



### FEATURED SPARES

ALL AVAILABLE SPARES FOR THIS SERIES CAN BE FOUND LISTED ON THE 'INDIVIDUAL SPARES' PAGES AT THE END OF THIS SECTION.

#### EXHAUST VALVES

MODEL(S)	PART NUMBER
ALL	380016



#### DISCHARGE VALVES

MODEL(S)	PART NUMBER
ALL	52655



#### SHAFT BUSHINGS, INNER

MODEL(S)	PART NUMBER
D 18/28	250012



#### VANES

MODEL(S)	PART NUMBER
D 05 (1ST STAGE)	230057G
D 08/12 (1ST STAGE)	230055G
D 18/28 (1ST STAGE)	230058G
D 05/08/12 (2ND STAGE)	230056G
D 18/28 (2ND STAGE)	230059G



#### SHAFT SEALS

MODEL(S)	PART NUMBER
D 05/08/12	310055
D 18/28	310054



#### RECOMMENDED OILS

TYPE	PART NUMBER
PLUS 19 (1L/1.06QT) GENERAL PURPOSE	PP19001
PLUS GOLD (1L/1.06QT) FULLY SYNTHETIC	PPGOLD001
PLUS FF (1L/1.06QT) FLUSHING FLUID	PPFF001



### KIT COMPONENTS

PART NUMBER	ITEM DESCRIPTION	D05,D08,D12	D05	D08,D12	D18,D28	D18,D28	U4.40
		SEAL & GSKT 985700212001	MAJOR 985700205002	MAJOR 985700212002	SEAL & GSKT 985700228008	MAJOR 985700228002	MAJOR 33805700000
580039	ANTI-SUCKBACK,SHUTTER,VITON	1	1	1			
580040	ANTI-SUCKBACK,VALVE,SHUTTER	1	1	1	1	1	
390008	BALL,STEEL,9/32"DIA.		1	1			1
500501190001	ELEMENT,COUPLING,YELLOW	1	1	1	1	1	1
720012	FILTER,SCREEN,ST.STL.					1	
780030	FILTER,SCREEN,ST.STL.		1	1			
640015	FOOT,BUFFER		4	4		4	
300052	GASKET,CASING,CORK				1	1	1
300055	GASKET,CORK,1.5MM THICK	1		1			1
300053	GASKET,CORK,1MM THICK	1	1	1			
300054	GASKET,CORK,1MM THICK	1	1				1
250012	INNER RING,SHAFT,BUSHING					1	
320270	O'RING, VITON, 8.73MM X 1.78MM					1	1
320126	O'RING,BUNA,3.0 X 1.0MM				2	2	
320131	O'RING,VITON,1.78 X 1.78MM	2	2	2	2	2	
72591001	O'RING,VITON,10.82 X 1.78 MM				1	1	2
02122009V	O'RING,VITON,11 X 1.5 MM	1	1	1			2
02124119	O'RING,VITON,12.42 X 1.78 MM	1	1	1			1
23970106	O'RING,VITON,13.3 X 2.4 MM				1	1	2
320088	O'RING,VITON,15.6 X 1.78 MM	2	2	2	2	2	
320132	O'RING,VITON,2.9 X 1.78MM	2	2		2	2	1
320109	O'RING,VITON,33 X 2.5 MM	1	1	1	1	1	2
40009	O'RING,VITON,37.77 X 2.62 MM	1	1				
320113	O'RING,VITON,38 X 3.5 MM	1	1	1			1
320119	O'RING,VITON,39.5X3 MM	1		1			
320072	O'RING,VITON,41 X 1.78 MM	1	1	1			
320108	O'RING,VITON,47.22 X 3.53MM				2	2	3
02122079	O'RING,VITON,49.5 X 3 MM				1	1	
02122058	O'RING,VITON,61.6 X 3.5 MM	1	1	1	1	1	
320133	O'RING,VITON,7.65 X 1.7MM	1	1	1			4
23970101	O'RING,VITON,9 X 1.5 MM				1		8
320269	ORING,VITON,1MM X 3MM			2			
720013	PAD,FELT					1	1
720018	PAD,FELT			1			
450034	PIN,COTTER,HAIRPIN		1	1		1	1
450033	PIN,DOWEL,CENTERING,6 X 12MM		4	4		4	
470013	RING,E-CLIP,STAINLESS STEEL			1		1	
310055	SEAL,SHAFT,12X24X7,VITON	1	1	1			
310054	SEAL,SHAFT,15X24X7,VITON				1	1	1
619385A	SPRING,BYPASS VALVE,COMP.,S/S			1			
490028	SPRING,COMPRESSION,STL/ST		1	1		1	
490029	SPRING,COMPRESSION,STL/ST		1	1			
490030	SPRING,COMPRESSION,STL/ST		1	1			
619561A	SPRING,EXHAUST VALVE,COMP.,S/S	3	3	3	3	3	
490031	SPRING,TORSION,SPECIAL ENDS		1	1			
490032	SPRING,TORSION,SPECIAL ENDS		1	1			3
490033	SPRING,TORSION,SPECIAL ENDS					1	1
490034	SPRING,VANE		2	2		2	1
380017	VALVE,BUNA	1	1	1	1	1	
52655	VALVE,DSCHRG,VITON,2004-20AAC	3	3	3			
380016	VALVE,EXHAUST,VITON	3	3	3	3	3	
230055G	VANE 1ST STAGE GX			2			
230057G	VANE 1ST STAGE GX		2				
230058G	VANE 1ST STAGE GX					2	
230056G	VANE 2ND STAGE GX		2	2			
230059G	VANE 2ND STAGE GX					2	

## INDIVIDUAL SPARES

### BUSHINGS

250012 INNER RING,SHAFT,BUSHING D18/D28

### FILTERS

720012 FILTER,SCREEN,ST.STL. D18/D28

### GASKETS

300052 GASKET,CASING,CORK D18/D28

### KITS

985700205002 KIT,MAJOR REPAIR,D05,GX D05  
 985700212001 KIT,SEAL & GASKET D05/D08/D12  
 985700212002 KIT,MAJOR REPAIR,D08,D12,GX D08/D12  
 985700228002 KIT,MAJOR REPAIR,D18,D28,GX D18/D28  
 985700228008 KIT,SEAL&GASKET,D18,D28 D18/D28

### MISC.

390008 BALL,STEEL,9/32"DIA. D05  
 450033 PIN,DOWEL,CENTERING,6 X 12MM D05  
 450034 PIN,COTTER,HAIRPIN D05  
 580039 ANTI-SUCKBACK,SHUTTER,VITON D05  
 640015 FOOT,BUFFER D05/D08/D12/D28

### O-RINGS

320072 O'RING,VITON,41 X 1.78 MM D05  
 320126 O'RING,BUNA,3.0 X 1.0MM D18/D28  
 320131 O'RING,VITON,1.78 X 1.78MM D05  
 320132 O'RING,VITON,2.9 X 1.78MM D05  
 320133 O'RING,VITON,7.65 X 1.7MM D05

### RINGS

470013 RING,E-CLIP,STAINLESS STEEL D08/D12

### SEALS

310054 SEAL,SHAFT,15X24X7,VITON D18/D28  
 310055 SEAL,SHAFT,12X24X7,VITON D05/D08/D12

### VALVES

380016 VALVE,EXHAUST,VITON D05/D08/D12/D18/D28  
 380017 VALVE,BUNA D05  
 580040 ANTI-SUCKBACK,VALVE,SHUTTER D05

### VANES

230055G VANE 1ST STAGE GX D08/D12  
 230056G VANE 2ND STAGE GX D05/D08/D12  
 230057G VANE 1ST STAGE GX D05  
 230058G VANE 1ST STAGE GX D18/D28  
 230059G VANE 2ND STAGE GX D18/D28



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