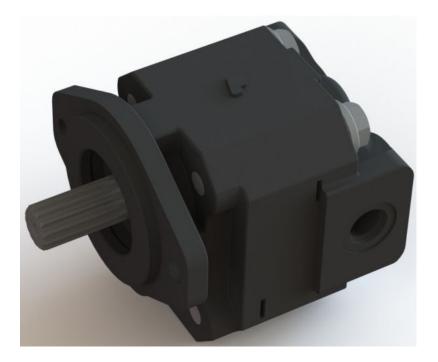
Permco



124 Series Code Book

THROUGH THE USE OF THIS CATALOG ALL THE COMPONENT PARTS OF ANY PERMCO PUMP OR MOTOR

CAN BE DETERMINED EXCLUDING FASTENERS.

THIS CODE BOOK IS FOR THE 124 SERIES PUMPS AND MOTORS.

EACH MODEL SERIES IS DIVIDED IN THE FOLLOWING MANNER:

I. SHAFT END COVERS FOLLOWED BY SHAFT END COVER SMALL PARTS.

II. PORT END COVERS FOLLOWED BY PORT END COVER SMALL PARTS.

III. GEAR HOUSINGS FOLLOWED BY:

A. GEAR HOUSING SMALL PARTS.

B. GEARS.

IV. DRIVE SHAFTS OR GEAR/SHAFTS FOLLOWED BY DRIVE SHAFT SMALL PARTS.

V. BEARING CARRIERS FOLLOWED BY BEARING CARRIER SMALL PARTS.

VI. CONNECTING SHAFTS.

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How To

BELOW IS AN EXAMPLE OF HOW TO USE THIS CATALOG:

SINGLE ASSEMBLY CODE: P124A082AEZA2-54 TANDEM ASSEMBLY CODE: P124B082AHZA20-54ZFZA12-1

- P DENOTES PUMP (M DENOTES MOTOR)
- 124 SERIES
- A B OR L MODEL TYPE (A-SINGLE B-TANDEM L-EXTENDED STUDS)
- 082 SHAFT END COVER
- AE PORT END COVER (SINGLE)
- AH PORT END COVER (MULTIPLE)
- ZA20 GEAR HOUSING (FIRST)
- 14 DRIVE SHAFT

IF BEARING CARRIER

ZA12 GEAR HOUSING (SECOND)

1 CONNECTING SHAFT

THE ROTATION OF ANY UNIT IS IDENTIFIED BY THE FIRST DIGIT OF THE SHAFT END COVER CODE

(SEE INDIVIDUAL SERIES COVER PAGES). THE GEAR SIZE IS DENOTED BY THE TWO (2) DIGITS IN THE GEAR HOUSING CODE.

CODE.05071012151720SIZE IN INCHES:1/23/411-1/41-1/21-3/42

ROTATION IS VIEWED LOOKING AT SHAFT END (SHAFT ON TOP.) AN ASTERISK (*) DENOTES EITHER OBSOLETE OR SPECIAL. PLEASE CONSULT FACTORY AS THEY MAY BE REPLACED BY OTHER STANDARD ITEMS.

Abreviations

Shaft End Cove	r Description	Port
FT MT	FOOT MOUNT	OS
G F TOP	GREASE FITTING ON TOP (OTHERS ON BOTTOM)	PB
PAD MT	PAD MOUNT	XSD
PB	PIGGYBACK PUMP	
PD	PILOT DIAMETER	
PX	PILOT EXTENSION	Shaf
RD FLG	ROUND FLANGE	Т
W/MTG SLT	WITH MOUNTING SLOT	PB
WD	WITH DRAIN	W/TH
WD2	WITH DRAIN AT 2 OCLOCK POSITION	
WD8	WITH DRAIN AT 8 OCLOCK POSITION	
WD12	WITH DRAIN AT 12 OCLOCK POSITION	
W2D	WITH 2 DRAINS	

Port End Cover Description			
OS	PORTS ARE OUT THE SIDE		
РВ	PIGGYBACK PUMP		
XSD	EXTENDED STUDS		

Shaft Description

Т	ТООТН
PB	PIGGYBACK PUMP
W/THD END	WITH THREADED END

Porting Descriptions

NPT	NATIONAL PIPE THREAD
ORB	STRAIGHT THREAD. PORT SIZE REFERS TO O.D. OF TUBE.
SF	SPLIT FLANGE PORTS. PORT SIZE REFERS TO FLANGE HOLE DIAMETER.
Т	INTERNAL CONNECTIONS TO FRONT & BACK SECTION.
В	CONNECTION TO BACK SECTION.
F	CONNECTION TO FRONT SECTION.

Identification

STUD HOLES - 4 AT 9/16 DIAMETER STUD DIA. - 1/2 IN. ONE-PIECE DRIVE SHAFT AND GEAR (INTEGRAL) HOUSING HEIGHT - 4.75 INCHES HOUSING WIDTH - GEAR SIZE + 0.4 INCH BOLT TORQUE (SINGLE UNIT) 120 FT-LBS BOLT TORQUE (MULTIPLE UNIT) 115-120 FT-LBS

Gear Widths available

CODE 02	03	05	07	08	10	11	12	13	15	17	20
SIZES 1/4	3/8	1/2	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2 INCHES

Shaft End Covers

THE TYPE OF SHAFT END COVER IS DETERMINED BY THE ENTIRE 3 DIGIT DESIGNATION. TYPE II-WITHOUT OUTBOARD BEARING THE FIRST DIGIT OF THE SHAFT END COVER CODE DESIGNATES PUMP/MOTOR ROTATION.

THE SHAFT END COVER TYPE AND DRIVE SHAFT TYPE MUST HAVE THE SAME NUMBER DESIGNATION

ALL CODES BEGINNING WITH	CW	CCW	DBL	PUMP	MOTOR	TYPE
0	XX			XX		II
1		XX		XX		II
8			XX		XX	II

Accessories

Port Size	Part No.		
NPT & BSPP			
1/8"	#8		
1/4"	#11		
3/8"	#17		
1/2"	#23		
3/4"	#30		
1"	#42		
1-1/4"	#53		
1-1/2"	#57		
2"	#68		
2-1/2"	#78		
SAE	ORB		
1/2"	#23		
3/8"	#17		
5/8"	#27		
3/4"	#35		
7/8"	#42		
1"	#44		
1-1/4"	#53		
1-1/2"	#57		
SF & M	etric SF		
1/2"	#12		
3/4"	B-831-213		
1"	B-831-214		
1-1/4"	B-831-215		
1-1/2"	B-831-216		
2"	B-831-217		
2-1/2"	B-831-218		

Fasteners for Single Units						
Gear Size	Part No.	Bolt Lenght	Qty.			
1/2"	W1-88	2-3/4"	4			
3/4"	W1-11	3"	4			
1"	W1-66	3-1/4"	4			
1-1/4"	W1-12	3-1/2"	4			
1-1/2"	W1-69	3-3/4"	4			
1-3/4"	W1-83	4"	4			
2"	W1-60	4-1/4"	4			
Washer	Part No.	W033-2	4			

Fasteners for Multi-Section Units					
Add Total Gear Width to the lenght provided					
below to obtain stud leng	ht				
	Flush	Extended			
Dual Section	6	7.5			
Triple Section	9	10.5			
Quad Section	12	13.5			
Washer Part No.	W033-1	Qty of 4			
Nut Part No.	W3-40	Qty of 4			

	Shaft Protectors				
SP-1000- 1	.656"Dia				
SP-1000- 2	.587"Dia				
SP-1000- 3	1"Dia				
SP-1000- 4	1-1/4" Splined & 1-1/8"Dia				
SP-1000- 5	1-1/4" Dia Keyed				
SP-1000- 6	1/2"Dia				
SP-1000- 7	5/8"Dia				
SP-1000- 8	3/4"Dia				
SP-1000- 8	7/8"Dia				

Available Stud Lenghts			
Stud Part No.	Description		
ZE-0391-10	1/2-13 X 10"		
ZE-0391-12	1/2-13 X 12"		
ZE-0391-14	1/2-13 X 14"		
ZE-0391-16	1/2-13 X 16"		
ZE-0391-20	1/2-13 X 20"		
ZE-0391-24	1/2-13 X 24"		
ZE-0391-28	1/2-13 X 28"		

Shaft End cover Codes

Code	QTY	Part Number	Description
022	1	574-01275	CW 124 Pump Type II SEC with EURO MOUNT 4 Bolts NO Outboard Bearing
078	1	574-01218	CW 124 Pump Type II SEC with SAE "A" (3.25 " Diameter) 2 Bolts NO Outboard Bearing
082	1	574-01218	CW 124 Pump Type II SEC with SAE "A" (3.25 " Diameter) 2 Bolts NO Outboard Bearing
084	1	574-01288	CW 124 Pump Type II SEC with NO PILOT PAD MOUNT NO Outboard Bearing
085	1	574-01118	CW 124 Pump Type II SEC with SAE "B" (4" Diameter) 2 Bolts NO Outboard Bearing
122	1	574-01275	CCW 124 Pump Type II SEC with EURO MOUNT 4 Bolts NO Outboard Bearing
178	1	574-01218	CCW 124 Pump Type II SEC with SAE "A" (3.25" Diameter) 2 Bolts NO Outboard Bearing
182	1	574-01218	CCW 124 Pump Type II SEC with SAE "A" (3.25" Diameter) 2 Bolts NO Outboard Bearing
184	1	574-01288	CCW 124 Pump Type II SEC with NO PILOT PAD MOUNT NO Outboard Bearing
185	1	574-01118	CCW 124 Pump Type II SEC with SAE "B" (4" Diameter) 2 Bolts NO Outboard Bearing
882	1	574-01235	Bi-Rotation 124 Motor Type II SEC with SAE "A" (3.25° Diameter) 2 Bolts NO Outboard Bearing
885	1	574-01191	Bi-Rotation 124 Motor Type II SEC with SAE "B" (4" Diameter) 2 Bolts NO Outboard Bearing

Shaft End cover Small Parts Codes

Code	QTY	Part Number	Description		
	1	226-01121-V	VITON SHAFT SEAL		
022	1	226-01121	124 PUMP SEAL		
022	1	408-01277	124 SEC.PILOT SLEEVE 36.5MM DIA.		
022	2	921-01108	124 HIGH PRESSURE BUSHING		
078	1	226-01121	124 PUMP SEAL		
078	1	565-00407-ISR	124 SNAP RING		
078	2	921-01108	124 HIGH PRESSURE BUSHING		
078	1	961-01193	124 SHAFT SEAL RETAINER		
082	1	226-01121	124 PUMP SEAL		
082	2	921-01108	124 HIGH PRESSURE BUSHING		
084	1	226-01121	124 PUMP SEAL		
084	1	565-01289	124 SNAP RING, PAD MT. CLUTCH		
084	2	921-01108	124 HIGH PRESSURE BUSHING		
085	1	226-01121	124 PUMP SEAL		
085	2	921-01108	124 HIGH PRESSURE BUSHING		
122	1	226-01121	124 PUMP SEAL		
122	1	408-01277	124 SEC.PILOT SLEEVE 36.5MM DIA.		
122	2	921-01108	124 HI PRESS BUSH		
178	1	226-01121	124 PUMP SEAL		
178	1	565-00407-ISR	124 SNAP RING		
178	2	921-01108	124 HIGH PRESSURE BUSHING		
178	1	961-01193	124 SHAFT SEAL RETAINER		
182	1	226-01121	124 PUMP SEAL		
182	2	921-01108	124 HIGH PRESSURE BUSHING		
184	1	226-01121	124 PUMP SEAL		
184	1	565-01289	124 SNAP RING, PAD MT. CLUTCH		
184	2	921-01108	124 HIGH PRESSURE BUSHING		
185	1	226-01121	124 PUMP SEAL		
185	2	921-01108	124 HI PRESS BUSH		
882	1	249-01555	124 MOTOR SEAL		
882	1	565-00407-ISR	124 SNAP RING		
882	1	565-01194	1/4" ORB PLUG		
882	2	921-01108	124 HIGH PRESSURE BUSHING		
882	1	961-01193	124 SEAL RETAINER		
882	2	L-0280-K	CHECK VALVES		
885	1	249-01555	124 MOTOR SEAL		
885	1	565-00407-ISR	124 SNAP RING		

Shaft End cover Small Parts Codes

Code	QTY	Part Number	Description
885	1	565-01194	1/4" JIC PLUG
885	2	921-01108	124 HIGH PRESSURE BUSHING
885	1	961-01193	124 SEAL RETAINER
885	2	L-0280-K	CHECK VALVES
ALL	2	921-01108	124 HIGH PRESSURE BUSHING
ALL	4	921-01108	124 HIGH PRESSURE BUSHING

For tell-tale applications a "D" must follow the P197____. Shaft end cover must be noted to have machining done for tell-tale drain. Extra small parts needed for tell-tale unit.

QTY	Part Number	Description
1	MZ-0961-1	SEAL RETAINER "TELL-TALE"
1	W62-26-18	SEAL FOR "TELL-TALE"
1	W023-206	SNAP RING
1	W0-19	PIPE PLUG/SOC HD 1/8-27 NPT
1	K-2995-109	RETAINER QUAD-RING

Code QTY Part Number Description

AH 1 592-01134 Pump Bi-Rotation with BLANK Blank Inlet and Blank Outlet

NPT

QY	1	592-01195-1104	Motor Bi-Rotation with NPT 0.5" Rear Port inlet and 0.5" Rear Port outlet
QX	1	592-01195-1116	Motor Bi-Rotation with NPT 0.75" Rear Port inlet and 0.75" Rear Port outlet
QW	1	592-01195-1127	Motor Bi-Rotation with NPT 1" Rear Port inlet and 1" Rear Port outlet
СР	1	592-01195-2104	Motor Bi-Rotation with NPT 0.5" Side Port inlet and 0.5" Side Port outlet
СМ	1	592-01195-2116	Motor Bi-Rotation with NPT 0.75" Side Port inlet and 0.75" Side Port outlet
CL	1	592-01195-2127	Motor Bi-Rotation with NPT 1" Side Port inlet and 1" Side Port outlet
RN	1	592-01122-7711	Pump CCW with NPT 1.25" Rear Port On The Right inlet and 0.75" Rear Port On The Left outlet
RZ	1	592-01122-1159	Pump CCW with NPT 0.75" Rear Port On The Right inlet and 0.5" Rear Port On The Left outlet
ΡZ	1	592-01122-1169	Pump CCW with NPT 1" Rear Port On The Right inlet and 0.75" Rear Port On The Left outlet
PV	1	592-01122-1177	Pump CCW with NPT 1.25" Rear Port On The Right inlet and 1" Rear Port On The Left outlet
PL	1	592-01291-3903	Pump CCW with NPT 1.25" Side & Rear On The Right inlet and 0.75" Side & Rear On The Left outlet
QZ	1	592-01122-2116	Pump CCW with NPT 0.75" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
ΚZ	1	592-01122-2127	Pump CCW with NPT 1" Side Port On The Right inlet and 1" Side Port On The Left outlet
LZ	1	592-01122-2169	Pump CCW with NPT 1" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
IZ	1	592-01122-2177	Pump CCW with NPT 1.25" Side Port On The Right inlet and 1" Side Port On The Left outlet
JZ	1	592-01122-2170	Pump CCW with NPT 1.25" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
NR	1	592-01122-7711	Pump CW with NPT 1.25" Rear Port On The Left inlet and 0.75" Rear Port On The Right outlet
ZR	1	592-01122-1159	Pump CW with NPT 0.75" Rear Port On The Left inlet and 0.5" Rear Port On The Right outlet
ZP	1	592-01122-1169	Pump CW with NPT 1" Rear Port On The Left inlet and 0.75" Rear Port On The Right outlet
VP	1	592-01122-1177	Pump CW with NPT 1.25" Rear Port On The Left inlet and 1" Rear Port On The Right outlet
PR	1	592-01291-3903	Pump CW with NPT 1.25" Side & Rear On The Left inlet and 0.75" Side & Rear On The Right outlet
ZQ	1	592-01122-2116	Pump CW with NPT 0.75" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
ZK	1	592-01122-2127	Pump CW with NPT 1" Side Port On The Left inlet and 1" Side Port On The Right outlet
ZL	1	592-01122-2169	Pump CW with NPT 1" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
ZI	1	592-01122-2177	Pump CW with NPT 1.25" Side Port On The Left inlet and 1" Side Port On The Right outlet
ZJ	1	592-01122-2170	Pump CW with NPT 1.25" Side Port On The Left inlet and 0.75" Side Port On The Right outlet

QR	1	592-01195-1304	Motor Bi-Rotation with ORB 0.5" Rear Port inlet and 0.5" Rear Port outlet
QP	1	592-01195-1316	Motor Bi-Rotation with ORB 0.75" Rear Port inlet and 0.75" Rear Port outlet
QM	1	592-01195-1327	Motor Bi-Rotation with ORB 1" Rear Port inlet and 1" Rear Port outlet
UP	1	592-01195-2304	Motor Bi-Rotation with ORB 0.5" Side Port inlet and 0.5" Side Port outlet
UQ	1	592-01195-2316	Motor Bi-Rotation with ORB 0.75" Side Port inlet and 0.75" Side Port outlet
UM	1	592-01195-2327	Motor Bi-Rotation with ORB 1" Side Port inlet and 1" Side Port outlet
RK	1	592-01122-1364	Pump CCW with ORB 0.75" Rear Port On The Right inlet and 0.625" Rear Port On The Left outlet
SK	1	592-01122-1359	Pump CCW with ORB 0.75" Rear Port On The Right inlet and 0.5" Rear Port On The Left outlet
OK	1	592-01122-1368	Pump CCW with ORB 0.75" Rear Port On The Left inlet and 0.875" Rear Port On The Right outlet
QK	1	592-01122-1316	Pump CCW with ORB 0.75" Rear Port On The Right inlet and 0.75" Rear Port On The Left outlet
PK	1	592-01122-1365	Pump CCW with ORB 0.875" Rear Port On The Right inlet and 0.625" Rear Port On The Left outlet
МК	1	592-01122-1322	Pump CCW with ORB 0.875" Rear Port On The Right inlet and 0.875" Rear Port On The Left outlet
СТ	1	592-01122-1327	Pump CCW with ORB 1" Rear Port On The Right inlet and 1" Rear Port On The Left outlet
PT	1	592-01122-1369	Pump CCW with ORB 1" Rear Port On The Right inlet and 0.75" Rear Port On The Left outlet
QT	1	592-01122-1366	Pump CCW with ORB 1" Rear Port On The Right inlet and 0.625" Rear Port On The Left outlet
ОТ	1	592-01122-1373	Pump CCW with ORB 1" Rear Port On The Right inlet and 0.875" Rear Port On The Left outlet
ET	1	592-01122-1374	Pump CCW with ORB 1.25" Rear Port On The Right inlet and 0.875" Rear Port On The Left outlet
MT	1	592-01122-1370	Pump CCW with ORB 1.25" Rear Port On The Right inlet and 0.75" Rear Port On The Left outlet
BT	1	592-01122-1377	Pump CCW with ORB 1.25" Rear Port On The Right inlet and 1" Rear Port On The Left outlet
GI	1	592-01122-1367	Pump CCW with ORB BLANK On The Right inlet and 0.75" Rear Port On The Left outlet
SL	1	592-01291-3370	Pump CCW with ORB 1.25" Side & Rear On The Right inlet and 0.75" Side & Rear On The Left outlet
IA	1	592-01122-2316	Pump CCW with ORB 0.75" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
KA	1	592-01122-2364	Pump CCW with ORB 0.75" Side Port On The Right inlet and 0.625" Side Port On The Left outlet
MA	1	592-01122-2359	Pump CCW with ORB 0.75" Side Port On The Right inlet and 0.5" Side Port On The Left outlet
XA	1	592-01122-2315	Pump CCW with ORB 0.75" Side Port On The Right inlet and BLANK On The Left outlet
XE	1	592-01122-2322	Pump CCW with ORB 0.875" Side Port On The Right inlet and 0.875" Side Port On The Left outlet
YE	1	592-01122-2368	Pump CCW with ORB 0.875" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
WA	1	592-01122-2321	Pump CCW with ORB 0.875" Side Port On The Right inlet and BLANK On The Left outlet
FA	1	592-01122-2360	Pump CCW with ORB 0.875" Side Port On The Right inlet and 0.5" Side Port On The Left outlet

BA	1	592-01122-2365	Pump CCW with ORB 0.875" Side Port On The Right inlet and 0.625" Side Port On The Left outlet
WE	1	592-01122-2366	Pump CCW with ORB 1" Side Port On The Right inlet and 0.625" Side Port On The Left outlet
UE	1	592-01122-2373	Pump CCW with ORB 1" Side Port On The Right inlet and 0.875" Side Port On The Left outlet
VA	1	592-01122-2326	Pump CCW with ORB 1" Side Port On The Right inlet and BLANK On The Left outlet
VE	1	592-01122-2369	Pump CCW with ORB 1" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
KE	1	592-01122-2327	Pump CCW with ORB 1" Side Port On The Right inlet and 1" Side Port On The Left outlet
BE	1	592-01122-2374	Pump CCW with ORB 1.25" Side Port On The Right inlet and 0.875" Side Port On The Left outlet
FE	1	592-01122-2370	Pump CCW with ORB 1.25" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
IE	1	592-01122-2349	Pump CCW with ORB 1.25" Side Port On The Right inlet and 0.625" Side Port On The Left outlet
AE	1	592-01122-2377	Pump CCW with ORB 1.25" Side Port On The Right inlet and 1" Side Port On The Left outlet
UA	1	592-01122-2331	Pump CCW with ORB 1.25" Side Port On The Right inlet and BLANK On The Left outlet
CO	1	592-01122-2372	Pump CCW with ORB BLANK On The Right inlet and 0.875" Side Port On The Left outlet
DO	1	592-01122-2367	Pump CCW with ORB BLANK On The Right inlet and 0.75" Side Port On The Left outlet
LO	1	592-01122-2363	Pump CCW with ORB BLANK On The Right inlet and 0.625" Side Port On The Left outlet
MO	1	592-01122-2357	Pump CCW with ORB BLANK On The Right inlet and 0.5" Side Port On The Left outlet
YA	1	592-01122-2376	Pump CCW with ORB BLANK On The Right inlet and 1" Side Port On The Left outlet
KQ	1	592-01122-1316	Pump CW with ORB 0.75" Rear Port On The Left inlet and 0.75" Rear Port On The Right outlet
KR	1	592-01122-1364	Pump CW with ORB 0.75" Rear Port On The Left inlet and 0.625" Rear Port On The Right outlet
KS	1	592-01122-1359	Pump CW with ORB 0.75" Rear Port On The Left inlet and 0.5" Rear Port On The Right outlet
KM	1	592-01122-1322	Pump CW with ORB 0.875" Rear Port On The Left inlet and 0.875" Rear Port On The Right outlet
KO	1	592-01122-1368	Pump CW with ORB 0.875" Rear Port On The Left inlet and 0.75" Rear Port On The Right outlet
KP	1	592-01122-1365	Pump CW with ORB 0.875" Rear Port On The Left inlet and 0.625" Rear Port On The Right outlet
то	1	592-01122-1373	Pump CW with ORB 1" Rear Port On The Left inlet and 0.875" Rear Port On The Right outlet
TP	1	592-01122-1369	Pump CW with ORB 1" Rear Port On The Left inlet and 0.75" Rear Port On The Right outlet
ΤQ	1	592-01122-1366	Pump CW with ORB 1" Rear Port On The Left inlet and 0.625" Rear Port On The Right outlet
ТС	1	592-01122-1327	Pump CW with ORB 1" Rear Port On The Left inlet and 1" Rear Port On The Right outlet
TE	1	592-01122-1374	Pump CW with ORB 1.25" Rear Port On The Left inlet and 0.875" Rear Port On The Right outlet
ТМ	1	592-01122-1370	Pump CW with ORB 1.25" Rear Port On The Left inlet and 0.75" Rear Port On The Right outlet
ТВ	1	592-01122-1377	Pump CW with ORB 1.25" Rear Port On The Left inlet and 1" Rear Port On The Right outlet

SR	1	592-01291-3370	Pump CW with ORB 1.25" Side & Rear On The Left inlet and 0.75" Side & Rear On The Right outlet
AX	1	592-01122-2315	Pump CW with ORB 0.75" Side Port On The Left inlet and BLANK On The Right outlet
AI	1	592-01122-2316	Pump CW with ORB 0.75" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
AK	1	592-01122-2364	Pump CW with ORB 0.75" Side Port On The Left inlet and 0.625" Side Port On The Right outlet
AM	1	592-01122-2359	Pump CW with ORB 0.75" Side Port On The Left inlet and 0.5" Side Port On The Right outlet
AB	1	592-01122-2365	Pump CW with ORB 0.875" Side Port On The Left inlet and 0.625" Side Port On The Right outlet
AF	1	592-01122-2360	Pump CW with ORB 0.875" Side Port On The Left inlet and 0.5" Side Port On The Right outlet
AW	1	592-01122-2321	Pump CW with ORB 0.875" Side Port On The Left inlet and BLANK On The Right outlet
EX	1	592-01122-2322	Pump CW with ORB 0.875" Side Port On The Left inlet and 0.875" Side Port On The Right outlet
EY	1	592-01122-2368	Pump CW with ORB 0.875" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
AV	1	592-01122-2326	Pump CW with ORB 1" Side Port On The Left inlet and BLANK On The Right outlet
EK	1	592-01122-2327	Pump CW with ORB 1" Side Port On The Left inlet and 1" Side Port On The Right outlet
EU	1	592-01122-2373	Pump CW with ORB 1" Side Port On The Left inlet and 0.875" Side Port On The Right outlet
EV	1	592-01122-2369	Pump CW with ORB 1" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
EW	1	592-01122-2366	Pump CW with ORB 1" Side Port On The Left inlet and 0.625" Side Port On The Right outlet
EA	1	592-01122-2377	Pump CW with ORB 1.25" Side Port On The Left inlet and 1" Side Port On The Right outlet
EB	1	592-01122-2374	Pump CW with ORB 1.25" Side Port On The Left inlet and 0.875" Side Port On The Right outlet
EF	1	592-01122-2370	Pump CW with ORB 1.25" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
EI	1	592-01122-2349	Pump CW with ORB 1.25" Side Port On The Left inlet and 0.625" Side Port On The Right outlet
AU	1	592-01122-2331	Pump CW with ORB 1.25" Side Port On The Left inlet and BLANK On The Right outlet
AY	1	592-01122-2376	Pump CW with ORB BLANK On The Left inlet and 1" Side Port On The Right outlet
OC	1	592-01122-2372	Pump CW with ORB BLANK On The Left inlet and 0.875" Side Port On The Right outlet
OD	1	592-01122-2367	Pump CW with ORB BLANK On The Left inlet and 0.75" Side Port On The Right outlet
OL	1	592-01122-2363	Pump CW with ORB BLANK On The Left inlet and 0.625" Side Port On The Right outlet
OM	1	592-01122-2357	Pump CW with ORB BLANK On The Left inlet and 0.5" Side Port On The Right outlet
IG	1	592-01122-1367	Pump CW with ORB BLANK On The Left inlet and 0.75" Rear Port On The Right outlet

CR	1	592-01195-2216	Motor Bi-Rotation with SF 0.75" Side Port inlet and 0.75" Side Port outlet
CQ	1	592-01195-2227	Motor Bi-Rotation with SF 1" Side Port inlet and 1" Side Port outlet
LN	1	592-01233-2277	Pump CCW with SF 1.25" Side Port On The Right inlet and 1" Side Port On The Left outlet
LD	1	592-01122-2259	Pump CCW with SF 0.75" Side Port On The Right inlet and 0.5" Side Port On The Left outlet
EN	1	592-01291-2215	Pump CCW with SF 0.75" Side Port On The Right inlet and BLANK On The Left outlet
KD	1	592-01122-2216	Pump CCW with SF 0.75" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
ID	1	592-01122-2269	Pump CCW with SF 1" Side Port On The Right inlet and 0.75" Side Port On The Left outlet
JD	1	592-01122-2261	Pump CCW with SF 1" Side Port On The Right inlet and 0.5" Side Port On The Left outlet
DN	1	592-01291-2226	Pump CCW with SF 1" Side Port On The Right inlet and BLANK On The Left outlet
IN	1	592-01122-2267	Pump CCW with SF BLANK On The Right inlet and 0.75" Side Port On The Left outlet
KN	1	592-01122-2257	Pump CCW with SF BLANK On The Right inlet and 0.5" Side Port On The Left outlet
NL	1	592-01233-2277	Pump CW with SF 1.25" Side Port On The Left inlet and 1" Side Port On The Right outlet
NE	1	592-01122-2215	Pump CW with SF 0.75" Side Port On The Left inlet and BLANK On The Right outlet
DK	1	592-01122-2216	Pump CW with SF 0.75" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
DL	1	592-01122-2259	Pump CW with SF 0.75" Side Port On The Left inlet and 0.5" Side Port On The Right outlet
ND	1	592-01122-2226	Pump CW with SF 1" Side Port On The Left inlet and BLANK On The Right outlet
DI	1	592-01122-2269	Pump CW with SF 1" Side Port On The Left inlet and 0.75" Side Port On The Right outlet
DJ	1	592-01122-2261	Pump CW with SF 1" Side Port On The Left inlet and 0.5" Side Port On The Right outlet
NI	1	592-01122-2267	Pump CW with SF BLANK On The Left inlet and 0.75" Side Port On The Right outlet
NK	1	592-01122-2257	Pump CW with SF BLANK On The Left inlet and 0.5" Side Port On The Right outlet

Port End cover Small Parts Codes

Code QTY Part Number Description

AH 1 MA-0558-1XS RING SEAL

Gear Housing Codes

Code	QTY	Part	Number	Description
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ZA02	1	577-01109-02	.650" wide Pump gear housing for 0.25" gear
ZA03	1	577-01109-03	.775" wide Pump gear housing for 0.375" gear
ZA04	1	577-01109-04	.837" wide Pump gear housing for 0.437 gear
ZA05	1	577-01109-05	.900" wide Pump gear housing for 0.5" gear
ZA07	1	577-01109-07	1.15" wide Pump gear housing for 0.75" gear
ZA08	1	577-01109-08	1.27" wide Pump gear housing for 0.875" gear
ZA10	1	577-01109-10	1.40" wide Pump gear housing for 1" gear
ZA11	1	577-01109-11	1.52" wide Pump gear housing for 1.125" gear
ZA12	1	577-01109-12	1.65" wide Pump gear housing for 1.25" gear
ZA13	1	577-01109-13	1.77" wide Pump gear housing for 1.375" gear
ZA15	1	577-01109-15	1.90" wide Pump gear housing for 1.5" gear
ZA16	1	577-01109-16	2.025" wide Pump gear housing for 1.625" gear
ZA20	1	577-01109-20	2.40" wide Pump gear housing for 2" gear
DA05	1	577-01158-05	.900" wide Motor gear housing for 0.5" gear
DA07	1	577-01158-07	1.15" wide Motor gear housing for 0.75" gear
DA10	1	577-01158-10	1.40" wide Motor gear housing for 1" gear
DA12	1	577-01158-12	1.65 wide Motor gear housing for 1.25" gear
DA15	1	577-01158-15	1.90" wide Motor gear housing for 1.5" gear
DA17	1	577-01158-17	2.15" wide Motor gear housing for 1.75" gear
DA20	1	577-01158-20	2.40" wide Motor gear housing for 2" gear
ZA17	1	577-01109-17	2.15" wide Both gear housing for 1.75" gear

Gear Housing Small Parts Codes

Code	QTY	Part Number	Description
ALL	2	947-01105	124 THRUST PLATE (PUMP)
ALL	2	947-01106	124 THRUST PLATE BACK-UP (PUMP)
ALL	2	947-01107	124 THRUST PLATE SEAL (PUMP)
	2	947-01107-V	THRUST PLATES SEALS (VITON)
ALL	2	TA-2995-152	124 HOUSING GASKET SEAL (PUMP)
	2	ZA-2995-152	SQUARE GASKET SEAL (VITON)
	4	280-1971-071	124 DOWELL PIN
ALL	2	947-01138	124 THRUST PLATE (MOTOR)
ALL	2	947-01139	124 THRUST PLATE BACK-UP (MOTOR)
ALL	2	947-01140	124 THRUST PLATE SIDE SEAL (MOTOR)
ALL	2	947-01141	124 THRUST PLATE END SEAL (MOTOR)
ALL	2	TA-2995-153	124 HOUSING GASKET SEAL (MOTOR)
ALL	4	280-1971-071	124 DOWELL PIN

99	1	024-01236-20	MULTIPLE Gear Set With 2" Gear Width and Clutch Pump TAPERED with 1.925" Shaft Extension
99	1	024-01236-17	MULTIPLE Gear Set With 1.75" Gear Width and Clutch Pump TAPERED with 1.925" Shaft Extension
99	1	024-01236-15	MULTIPLE Gear Set With 1.5" Gear Width and Clutch Pump TAPERED with 1.925" Shaft Extension
99	1	024-01236-12	MULTIPLE Gear Set With 1.25" Gear Width and Clutch Pump TAPERED with 1.925" Shaft Extension
99	1	024-01236-10	MULTIPLE Gear Set With 1" Gear Width and Clutch Pump TAPERED with 1.925" Shaft Extension
86XL	1	024-01331-12	MULTIPLE Gear Set With 1.25" Gear Width and SAE "A" (5/8" Dia KEYED Extra long) KEYED with 2.312" Shaft Extension
86XL	1	024-01331-10	MULTIPLE Gear Set With 1" Gear Width and SAE "A" (5/8" Dia KEYED Extra long) KEYED with 2.312" Shaft Extension
86XL	1	024-01331-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "A" (5/8" Dia KEYED Extra long) KEYED with 2.312" Shaft Extension
86XL	1	024-01331-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "A" (5/8" Dia KEYED Extra long) KEYED with 2.312" Shaft Extension
86	1	024-01215-20	MULTIPLE Gear Set With 2" Gear Width and SAE "A" (5/8" Dia KEYED) KEYED with 1.250"
86	1	024-01215-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "A" (5/8" Dia KEYED) KEYED with 1.250"
86	1	024-01215-15	MULTIPLE Gear Set With 1.5" Gear Width and SAE "A" (5/8" Dia KEYED) KEYED with 1.250"
86	1	024-01215-12	MULTIPLE Gear Set With 1.25" Gear Width and SAE "A" (5/8" Dia KEYED) KEYED with 1.250"
86	1	024-01215-10	MULTIPLE Gear Set With 1" Gear Width and SAE "A" (5/8" Dia KEYED) KEYED with 1.250"
86	1	024-01215-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "A" (5/8" Dia KEYED) KEYED with 1.250"
86	1	024-01215-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "A" (5/8" Dia KEYED) KEYED with 1.250"
85	1	024-01214-20	MULTIPLE Gear Set With 2" Gear Width and SAE "A" (5/8" Dia 9 TOOTH) SPLINE with 1.250"
85	1	024-01214-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "A" (5/8" Dia 9 TOOTH) SPLINE with 1.250"
85	1	024-01214-15	MULTIPLE Gear Set With 1.5" Gear Width and SAE "A" (5/8" Dia 9 TOOTH) SPLINE with 1.250"
85	1	024-01214-12	MULTIPLE Gear Set With 1.25" Gear Width and SAE "A" (5/8" Dia 9 TOOTH) SPLINE with 1.250"
85	1	024-01214-10	MULTIPLE Gear Set With 1" Gear Width and SAE "A" (5/8" Dia 9 TOOTH) SPLINE with 1.250"
85	1	024-01214-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "A" (5/8" Dia 9 TOOTH) SPLINE with 1.250"
85	1	024-01214-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "A" (5/8" Dia 9 TOOTH) SPLINE with 1.250"
81	1	024-01344-20	MULTIPLE Gear Set With 2" Gear Width and SAE "AH" (3/4" Dia 11 TOOTH) SPLINE with 1.487" Shaft Extension
81	1	024-01344-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "AH" (3/4" Dia 11 TOOTH) SPLINE with 1.487" Shaft Extension
81	1	024-01344-15	MULTIPLE Gear Set With 1.5" Gear Width and SAE "AH" (3/4" Dia 11 TOOTH) SPLINE with 1.487" Shaft Extension
81	1	024-01344-12	MULTIPLE Gear Set With 1.25" Gear Width and SAE "AH" (3/4" Dia 11 TOOTH) SPLINE with 1.487" Shaft Extension

81	1	024-01344-10	MULTIPLE Gear Set With 1" Gear Width and SAE "AH" (3/4" Dia 11 TOOTH) SPLINE with 1.487" Shaft Extension
81	1	024-01344-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "AH" (3/4" Dia 11 TOOTH) SPLINE with 1.487" Shaft Extension
75	1	024-01276-15	MULTIPLE Gear Set With 1.5" Gear Width and W/M12 x 1.5" EXTERNAL THREAD TAPERED with 1.555" Shaft Extension
75	1	024-01276-12	MULTIPLE Gear Set With 1.25" Gear Width and W/M12 x 1.5" EXTERNAL THREAD TAPERED with 1.555" Shaft Extension
75	1	024-01276-10	MULTIPLE Gear Set With 1" Gear Width and W/M12 x 1.5" EXTERNAL THREAD TAPERED with 1.555" Shaft Extension
75	1	024-01276-07	MULTIPLE Gear Set With 0.75" Gear Width and W/M12 x 1.5" EXTERNAL THREAD TAPERED with 1.555" Shaft Extension
75	1	024-01276-05	MULTIPLE Gear Set With 0.5" Gear Width and W/M12 x 1.5" EXTERNAL THREAD TAPERED with 1.555" Shaft Extension
55XL	1	024-01268-20	MULTIPLE Gear Set With 2" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 2.281" Shaft Extension
55XL	1	024-01268-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 2.281" Shaft Extension
55XL	1	024-01268-15	MULTIPLE Gear Set With 1.5" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 2.281" Shaft Extension
55XL	1	024-01268-12	MULTIPLE Gear Set With 1.25" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 2.281" Shaft Extension
55XL	1	024-01268-10	MULTIPLE Gear Set With 1" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 2.281" Shaft Extension
55XL	1	024-01268-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 2.281" Shaft Extension
55XL	1	024-01268-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 2.281" Shaft Extension
55	1	024-01213-20	MULTIPLE Gear Set With 2" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
55	1	024-01213-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
55	1	024-01213-15	MULTIPLE Gear Set With 1.5" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
55	1	024-01213-12	MULTIPLE Gear Set With 1.25" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
55	1	024-01213-11	MULTIPLE Gear Set With 1.125" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
55	1	024-01213-10	MULTIPLE Gear Set With 1" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
55	1	024-01213-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
55	1	024-01213-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension
54	1	024-01104-20	MULTIPLE Gear Set With 2" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with 1.625" Shaft Extension
		024-01104-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with
54	1	024-01104-17	1.625" Shart Extension
54 54	1 1	024-01104-17	1.625" Shaft Extension MULTIPLE Gear Set With 1.5" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with 1.625" Shaft Extension

F 4	4	024 01104 10	MULTIPLE Gear Set With 1" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with
54	1	024-01104-10	1.625" Shaft Extension
54	1	024-01104-08	MULTIPLE Gear Set With 0.875" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with 1.625" Shaft Extension
54	1	024-01104-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with 1.625" Shaft Extension
54	1	024-01104-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with 1.625" Shaft Extension
54	1	024-01104-03	MULTIPLE Gear Set With 0.375" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with 1.625" Shaft Extension
54	1	024-01104-02	MULTIPLE Gear Set With 0.25" Gear Width and SAE "B" (7/8" Dia 13 TOOTH) SPLINE with 1.625" Shaft Extension
45	1	024-01284-20	MULTIPLE Gear Set With 2" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-17	MULTIPLE Gear Set With 1.75" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-15	MULTIPLE Gear Set With 1.5" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-13	MULTIPLE Gear Set With 1.375" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281"
45	1	024-01284-12	MULTIPLE Gear Set With 1.25" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-11	MULTIPLE Gear Set With 1.125" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-10	MULTIPLE Gear Set With 1" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-08	MULTIPLE Gear Set With 0.875" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-07	MULTIPLE Gear Set With 0.75" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
45	1	024-01284-05	MULTIPLE Gear Set With 0.5" Gear Width and 7/8" Dia, TAPERED KEYED W/5/16"-24 INT. THREAD TAPERED with 2.281" Shaft Extension
24	1	024-01416-20	MULTIPLE Gear Set With 2" Gear Width and SAE "AH" (3/4" DiaKEYED) KEYED with 1.625" Shaft Extension
24	1	024-01416-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "AH" (3/4" DiaKEYED) KEYED with 1.625" Shaft Extension
24	1	024-01416-15	MULTIPLE Gear Set With 1.5" Gear Width and SAE "AH" (3/4" DiaKEYED) KEYED with 1.625" Shaft Extension
24	1	024-01416-12	MULTIPLE Gear Set With 1.25" Gear Width and SAE "AH" (3/4" DiaKEYED) KEYED with 1.625" Shaft Extension
24	1	024-01416-10	MULTIPLE Gear Set With 1" Gear Width and SAE "AH" (3/4" DiaKEYED) KEYED with 1.625" Shaft Extension
24	1	024-01416-07	MULTIPLE Gear Set With 0.75" Gear Width and SAE "AH" (3/4" DiaKEYED) KEYED with 1.625" Shaft Extension
24	1	024-01416-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "AH" (3/4" DiaKEYED) KEYED with 1.625" Shaft Extension
86XL	1	024-01331-17	MULTIPLE Gear Set With 1.75" Gear Width and SAE "A" (5/8" Dia KEYED Extra long) KEYED with 2.312" Shaft Extension
86XL	1	024-01331-15	MULTIPLE Gear Set With 1.5" Gear Width and SAE "A" (5/8" Dia KEYED Extra long) KEYED with 2.312" Shaft Extension
81	1	024-01344-05	MULTIPLE Gear Set With 0.5" Gear Width and SAE "AH" (3/4" DiaKEYED) SPLINE with 1.487" Shaft Extension

Code QTY Part Number Description

55 1 024-01213-13 MULTIPLE Gear Set With 1.375" Gear Width and SAE "B" (7/8" Dia. KEYED) KEYED with 1.625" Shaft Extension

20	1	996-01103-20	MULTIPLE Gear Set with 2" Gear Width
17	1	996-01103-17	MULTIPLE Gear Set with 1.75" Gear Width
15	1	996-01103-15	MULTIPLE Gear Set with 1.5" Gear Width
12	1	996-01103-12	MULTIPLE Gear Set with 1.25" Gear Width
11	1	996-01103-11	MULTIPLE Gear Set with 1.125" Gear Width
10	1	996-01103-10	MULTIPLE Gear Set with 1" Gear Width
08	1	996-01103-08	MULTIPLE Gear Set with 0.875" Gear Width
07	1	996-01103-07	MULTIPLE Gear Set with 0.75" Gear Width
05	1	996-01103-05	MULTIPLE Gear Set with 0.5" Gear Width
04	1	996-01103-04	MULTIPLE Gear Set with 0.437 Gear Width
03	1	996-01103-03	MULTIPLE Gear Set with 0.375" Gear Width
02	1	996-01103-02	MULTIPLE Gear Set with 0.25" Gear Width

Code QTY Part Number Description

0 MULTIPLE Gear Set with 0.25" Gear Width

Drive Shaft Small Parts

Code QTY Part Number Description

Туре

Connecting Shafts

Code QTY Part Number Description

1 1 022-01125 124 CONNECTING SHAFT

С	1 576-01127	CCW Pump NONE with BLANK BLANK inlet and BLANK BLANK outlet connecting to BLANK
В	1 576-01127	CW Pump NONE with BLANK BLANK inlet and BLANK BLANK outlet connecting to BLANK

WL	1	576-01127-1459	CCW Pump NONE with 0.75" BSPP inlet and 0.5" BSPP outlet connecting to FRONT
YG	1	576-01127-1416	CCW Pump NONE with 0.75" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
XG	1	576-01127-1461	CCW Pump NONE with 1" BSPP inlet and 0.5" BSPP outlet connecting to FRONT
WG	1	576-01127-1469	CCW Pump NONE with 1" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
PG	1	576-01127-1473	CCW Pump NONE with 1" BSPP inlet and 0.875" BSPP outlet connecting to FRONT
OG	1	576-01127-1427	CCW Pump NONE with 1" BSPP inlet and 1" BSPP outlet connecting to FRONT
NG	1	576-01127-1462	CCW Pump NONE with 1.25" BSPP inlet and 0.5" BSPP outlet connecting to FRONT
YJ	1	576-01127-1470	CCW Pump NONE with 1.25" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
XJ	1	576-01127-1474	CCW Pump NONE with 1.25" BSPP inlet and 0.875" BSPP outlet connecting to FRONT
WJ	1	576-01127-1477	CCW Pump NONE with 1.25" BSPP inlet and 1" BSPP outlet connecting to FRONT
VJ	1	576-01127-1432	CCW Pump NONE with 1.25" BSPP inlet and 1.25" BSPP outlet connecting to FRONT
UJ	1	576-01127-1471	CCW Pump NONE with 1.5" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
TJ	1	576-01127-1475	CCW Pump NONE with 1.5" BSPP inlet and 0.875" BSPP outlet connecting to FRONT
SJ	1	576-01127-1478	CCW Pump NONE with 1.5" BSPP inlet and 1" BSPP outlet connecting to FRONT
RJ	1	576-01127-1481	CCW Pump NONE with 1.5" BSPP inlet and 1.25" BSPP outlet connecting to FRONT
QJ	1	576-01127-1437	CCW Pump NONE with 1.5" BSPP inlet and 1.5" BSPP outlet connecting to FRONT
LW	1	576-01127-1459	CW Pump NONE with 0.75" BSPP inlet and 0.5" BSPP outlet connecting to FRONT
GY	1	576-01127-1416	CW Pump NONE with 0.75" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
GW	1	576-01127-1469	CW Pump NONE with 1" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
GP	1	576-01127-1473	CW Pump NONE with 1" BSPP inlet and 0.875" BSPP outlet connecting to FRONT
GO	1	576-01127-1427	CW Pump NONE with 1" BSPP inlet and 1" BSPP outlet connecting to FRONT
GN	1	576-01127-1462	CW Pump NONE with 1.25" BSPP inlet and 0.5" BSPP outlet connecting to FRONT
JY	1	576-01127-1470	CW Pump NONE with 1.25" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
JX	1	576-01127-1474	CW Pump NONE with 1.25" BSPP inlet and 0.875" BSPP outlet connecting to FRONT
JW	1	576-01127-1477	CW Pump NONE with 1.25" BSPP inlet and 1" BSPP outlet connecting to FRONT
JV	1	576-01127-1432	CW Pump NONE with 1.25" BSPP inlet and 1.25" BSPP outlet connecting to FRONT
JU	1	576-01127-1471	CW Pump NONE with 1.5" BSPP inlet and 0.75" BSPP outlet connecting to FRONT
JT	1	576-01127-1475	CW Pump NONE with 1.5" BSPP inlet and 0.875" BSPP outlet connecting to FRONT
JS	1	576-01127-1478	CW Pump NONE with 1.5" BSPP inlet and 1" BSPP outlet connecting to FRONT
JR	1	576-01127-1481	CW Pump NONE with 1.5" BSPP inlet and 1.25" BSPP outlet connecting to FRONT
JQ	1	576-01127-1437	CW Pump NONE with 1.5" BSPP inlet and 1.5" BSPP outlet connecting to FRONT
GX	1	576-01127-1461	CW Pump Single In Single Out with 1" BSPP inlet and 0.5" BSPP outlet connecting to FRONT

YF	1	576-01129-6373	CW Pump Dual Outlet with 1" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 0.875" ORB bottom outlet connecting to REAR
VL	1	576-01127-1359	CCW Pump NONE with 0.75" ORB inlet and 0.5" ORB outlet connecting to FRONT
UL	1	576-01127-1364	CCW Pump NONE with 0.75" ORB inlet and 0.625" ORB outlet connecting to FRONT
SL	1	576-01127-1361	CCW Pump NONE with 1" ORB inlet and 0.5" ORB outlet connecting to FRONT
BV	1	576-01129-6359	CCW Pump NONE with 1" ORB inlet and 0.5" ORB top outlet connecting to REAR Plus 0.75" ORB bottom outlet connecting to FRONT
BX	1	576-01129-6304	CCW Pump NONE with 1" ORB inlet and 0.5" ORB top outlet connecting to REAR Plus 0.5" ORB bottom outlet connecting to FRONT
BW	1	576-01129-6311	CCW Pump NONE with 1" ORB inlet and 0.625" ORB top outlet connecting to REAR Plus 0.625" ORB bottom outlet connecting to FRONT
BU	1	576-01129-6364	CCW Pump NONE with 1" ORB inlet and 0.625" ORB top outlet connecting to REAR Plus 0.75" ORB bottom outlet connecting to FRONT
RL	1	576-01127-1366	CCW Pump NONE with 1" ORB inlet and 0.625" ORB outlet connecting to FRONT
QL	1	576-01127-1369	CCW Pump NONE with 1" ORB inlet and 0.75" ORB outlet connecting to FRONT
BR	1	576-01129-6369	CCW Pump NONE with 1" ORB inlet and 0.75" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
BS	1	576-01129-6316	CCW Pump NONE with 1" ORB inlet and 0.75" ORB top outlet connecting to REAR Plus 0.75" ORB bottom outlet connecting to FRONT
BQ	1	576-01129-6322	CCW Pump NONE with 1" ORB inlet and 0.875" ORB top outlet connecting to REAR Plus 0.875" ORB bottom outlet connecting to FRONT
PL	1	576-01127-1373	CCW Pump NONE with 1" ORB inlet and 0.875" ORB outlet connecting to FRONT
FY	1	576-01129-6373	CCW Pump NONE with 1" ORB inlet and 0.875" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
FX	1	576-01129-6327	CCW Pump NONE with 1" ORB inlet and 1" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
ML	1	576-01127-1327	CCW Pump NONE with 1" ORB inlet and 1" ORB outlet connecting to FRONT
FU	1	576-01129-5359	CCW Pump NONE with 1.25" ORB inlet and 0.5" ORB top outlet connecting to REAR Plus 0.75" ORB bottom outlet connecting to FRONT
FW	1	576-01129-5304	CCW Pump NONE with 1.25" ORB inlet and 0.5" ORB top outlet connecting to REAR Plus 0.5" ORB bottom outlet connecting to FRONT
KL	1	576-01127-1362	CCW Pump NONE with 1.25" ORB inlet and 0.5" ORB outlet connecting to FRONT
AL	1	576-01127-1349	CCW Pump NONE with 1.25" ORB inlet and 0.625" ORB outlet connecting to FRONT
FT	1	576-01129-5364	CCW Pump NONE with 1.25" ORB inlet and 0.625" ORB top outlet connecting to REAR Plus 0.75" ORB bottom outlet connecting to FRONT
FV	1	576-01129-5311	CCW Pump NONE with 1.25" ORB inlet and 0.625" ORB top outlet connecting to REAR Plus 0.625" ORB bottom outlet connecting to FRONT
FR	1	576-01129-5369	CCW Pump NONE with 1.25" ORB inlet and 0.75" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
FS	1	576-01129-5316	CCW Pump NONE with 1.25" ORB inlet and 0.75" ORB top outlet connecting to REAR Plus 0.75" ORB bottom outlet connecting to FRONT
PJ	1	576-01127-1370	CCW Pump NONE with 1.25" ORB inlet and 0.75" ORB outlet connecting to FRONT
OJ	1	576-01127-1374	CCW Pump NONE with 1.25" ORB inlet and 0.875" ORB outlet connecting to FRONT
FP	1	576-01129-5373	CCW Pump NONE with 1.25" ORB inlet and 0.875" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
FQ	1	576-01129-5322	CCW Pump NONE with 1.25" ORB inlet and 0.875" ORB top outlet connecting to REAR Plus 0.875" ORB bottom outlet connecting to FRONT

FO	1	576-01129-5327	CCW Pump NONE with 1.25" ORB inlet and 1" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
NJ	1	576-01127-1377	CCW Pump NONE with 1.25" ORB inlet and 1" ORB outlet connecting to FRONT
MJ	1	576-01127-1332	CCW Pump NONE with 1.25" ORB inlet and 1.25" ORB outlet connecting to FRONT
FL	1	576-01129-4369	CCW Pump NONE with 1.5" ORB inlet and 0.75" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
FM	1	576-01129-4316	CCW Pump NONE with 1.5" ORB inlet and 0.75" ORB top outlet connecting to REAR Plus 0.75" ORB bottom outlet connecting to FRONT
FJ	1	576-01129-4373	CCW Pump NONE with 1.5" ORB inlet and 0.875" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
FK	1	576-01129-4322	CCW Pump NONE with 1.5" ORB inlet and 0.875" ORB top outlet connecting to REAR Plus 0.875" ORB bottom outlet connecting to FRONT
KJ	1	576-01127-1375	CCW Pump NONE with 1.5" ORB inlet and 0.875" ORB outlet connecting to FRONT
EJ	1	576-01127-1378	CCW Pump NONE with 1.5" ORB inlet and 1" ORB outlet connecting to FRONT
FI	1	576-01129-4327	CCW Pump NONE with 1.5" ORB inlet and 1" ORB top outlet connecting to REAR Plus 1" ORB bottom outlet connecting to FRONT
BJ	1	576-01127-1381	CCW Pump NONE with 1.5" ORB inlet and 1.25" ORB outlet connecting to FRONT
AJ	1	576-01127-1337	CCW Pump NONE with 1.5" ORB inlet and 1.5" ORB outlet connecting to FRONT
LV	1	576-01127-1359	CW Pump NONE with 0.75" ORB inlet and 0.5" ORB outlet connecting to FRONT
LU	1	576-01127-1364	CW Pump NONE with 0.75" ORB inlet and 0.625" ORB outlet connecting to FRONT
LT	1	576-01127-1316	CW Pump NONE with 0.75" ORB inlet and 0.75" ORB outlet connecting to FRONT
LS	1	576-01127-1361	CW Pump NONE with 1" ORB inlet and 0.5" ORB outlet connecting to FRONT
XB	1	576-01129-6304	CW Pump NONE with 1" ORB inlet and 0.5" ORB top outlet connecting to FRONT Plus 0.5" ORB bottom outlet connecting to REAR
WB	1	576-01129-6311	CW Pump NONE with 1" ORB inlet and 0.625" ORB top outlet connecting to FRONT Plus 0.625" ORB bottom outlet connecting to REAR
LR	1	576-01127-1366	CW Pump NONE with 1" ORB inlet and 0.625" ORB outlet connecting to FRONT
LQ	1	576-01127-1369	CW Pump NONE with 1" ORB inlet and 0.75" ORB outlet connecting to FRONT
SB	1	576-01129-6316	CW Pump NONE with 1" ORB inlet and 0.75" ORB top outlet connecting to FRONT Plus 0.75" ORB bottom outlet connecting to REAR
UB	1	576-01129-6364	CW Pump NONE with 1" ORB inlet and 0.75" ORB top outlet connecting to FRONT Plus 0.625" ORB bottom outlet connecting to REAR
VB	1	576-01129-6359	CW Pump NONE with 1" ORB inlet and 0.75" ORB top outlet connecting to FRONT Plus 0.5" ORB bottom outlet connecting to REAR
LP	1	576-01127-1373	CW Pump NONE with 1" ORB inlet and 0.875" ORB outlet connecting to FRONT
QB	1	576-01129-6322	CW Pump NONE with 1" ORB inlet and 0.875" ORB top outlet connecting to FRONT Plus 0.875" ORB bottom outlet connecting to REAR
RB	1	576-01129-6369	CW Pump NONE with 1" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 0.75" ORB bottom outlet connecting to REAR
LM	1	576-01127-1327	CW Pump NONE with 1" ORB inlet and 1" ORB outlet connecting to FRONT
XF	1	576-01129-6327	CW Pump NONE with 1" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 1" ORB bottom outlet connecting to REAR
LK	1	576-01127-1362	CW Pump NONE with 1.25" ORB inlet and 0.5" ORB outlet connecting to FRONT
WF	1	576-01129-5304	CW Pump NONE with 1.25" ORB inlet and 0.5" ORB top outlet connecting to FRONT Plus 0.5" ORB bottom outlet connecting to REAR

VF	1	576-01129-5311	CW Pump NONE with 1.25" ORB inlet and 0.625" ORB top outlet connecting to FRONT Plus 0.625" ORB bottom outlet connecting to REAR
LA	1	576-01127-1349	CW Pump NONE with 1.25" ORB inlet and 0.625" ORB outlet connecting to FRONT
JP	1	576-01127-1370	CW Pump NONE with 1.25" ORB inlet and 0.75" ORB outlet connecting to FRONT
UF	1	576-01129-5359	CW Pump NONE with 1.25" ORB inlet and 0.75" ORB top outlet connecting to FRONT Plus 0.5" ORB bottom outlet connecting to REAR
SF	1	576-01129-5316	CW Pump NONE with 1.25" ORB inlet and 0.75" ORB top outlet connecting to FRONT Plus 0.75" ORB bottom outlet connecting to REAR
TF	1	576-01129-5364	CW Pump NONE with 1.25" ORB inlet and 0.75" ORB top outlet connecting to FRONT Plus 0.625" ORB bottom outlet connecting to REAR
JO	1	576-01127-1374	CW Pump NONE with 1.25" ORB inlet and 0.875" ORB outlet connecting to FRONT
QF	1	576-01129-5322	CW Pump NONE with 1.25" ORB inlet and 0.875" ORB top outlet connecting to FRONT Plus 0.875" ORB bottom outlet connecting to REAR
OF	1	576-01129-5327	CW Pump NONE with 1.25" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 1" ORB bottom outlet connecting to REAR
PF	1	576-01129-5373	CW Pump NONE with 1.25" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 0.875" ORB bottom outlet connecting to REAR
RF	1	576-01129-5369	CW Pump NONE with 1.25" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 0.75" ORB bottom outlet connecting to REAR
JN	1	576-01127-1377	CW Pump NONE with 1.25" ORB inlet and 1" ORB outlet connecting to FRONT
JM	1	576-01127-1332	CW Pump NONE with 1.25" ORB inlet and 1.25" ORB outlet connecting to FRONT
JL	1	576-01127-1371	CW Pump NONE with 1.5" ORB inlet and 0.75" ORB outlet connecting to FRONT
MF	1	576-01129-4316	CW Pump NONE with 1.5" ORB inlet and 0.75" ORB top outlet connecting to FRONT Plus 0.75" ORB bottom outlet connecting to REAR
KF	1	576-01129-4322	CW Pump NONE with 1.5" ORB inlet and 0.875" ORB top outlet connecting to FRONT Plus 0.875" ORB bottom outlet connecting to REAR
JK	1	576-01127-1375	CW Pump NONE with 1.5" ORB inlet and 0.875" ORB outlet connecting to FRONT
JE	1	576-01127-1378	CW Pump NONE with 1.5" ORB inlet and 1" ORB outlet connecting to FRONT
LF	1	576-01129-4369	CW Pump NONE with 1.5" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 0.75" ORB bottom outlet connecting to REAR
IF	1	576-01129-4327	CW Pump NONE with 1.5" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 1" ORB bottom outlet connecting to REAR
JF	1	576-01129-4373	CW Pump NONE with 1.5" ORB inlet and 1" ORB top outlet connecting to FRONT Plus 0.875" ORB bottom outlet connecting to REAR
JB	1	576-01127-1381	CW Pump NONE with 1.5" ORB inlet and 1.25" ORB outlet connecting to FRONT
JA	1	576-01127-1337	CW Pump NONE with 1.5" ORB inlet and 1.5" ORB outlet connecting to FRONT
TL	1	576-01127-1316	CCW Pump Single In Single Out with 0.75" ORB inlet and 0.75" ORB outlet connecting to FRONT
U	1	576-01127-1371	CCW Pump Single In Single Out with 1.5" ORB inlet and 0.75" ORB outlet connecting to FRONT

MG	1	576-01127-1259	CCW Pump NONE with 0.75" SF inlet and 0.5" SF outlet connecting to FRONT
LG	1	576-01127-1216	CCW Pump NONE with 0.75" SF inlet and 0.75" SF outlet connecting to FRONT
KG	1	576-01127-1261	CCW Pump NONE with 1" SF inlet and 0.5" SF outlet connecting to FRONT
ZF	1	576-01129-6259	CCW Pump NONE with 1" SF inlet and 0.5" SF top outlet connecting to REAR Plus 0.75" SF bottom outlet connecting to FRONT
ZG	1	576-01129-6204	CCW Pump NONE with 1" SF inlet and 0.5" SF top outlet connecting to REAR Plus 0.5" SF bottom outlet connecting to FRONT
ZE	1	576-01129-6216	CCW Pump NONE with 1" SF inlet and 0.75" SF top outlet connecting to REAR Plus 0.75" SF bottom outlet connecting to FRONT
EG	1	576-01127-1269	CCW Pump NONE with 1" SF inlet and 0.75" SF outlet connecting to FRONT
BG	1	576-01127-1227	CCW Pump NONE with 1" SF inlet and 1" SF outlet connecting to FRONT
AG	1	576-01127-1262	CCW Pump NONE with 1.25" SF inlet and 0.5" SF outlet connecting to FRONT
ZC	1	576-01129-5259	CCW Pump NONE with 1.25" SF inlet and 0.5" SF top outlet connecting to REAR Plus 0.75" SF bottom outlet connecting to FRONT
ZD	1	576-01129-5204	CCW Pump NONE with 1.25" SF inlet and 0.5" SF top outlet connecting to REAR Plus 0.5" SF bottom outlet connecting to FRONT
ZB	1	576-01129-5216	CCW Pump NONE with 1.25" SF inlet and 0.75" SF top outlet connecting to REAR Plus 0.75" SF bottom outlet connecting to FRONT
LB	1	576-01127-1270	CCW Pump NONE with 1.25" SF inlet and 0.75" SF outlet connecting to FRONT
KB	1	576-01127-1277	CCW Pump NONE with 1.25" SF inlet and 1" SF outlet connecting to FRONT
IB	1	576-01127-1232	CCW Pump NONE with 1.25" SF inlet and 1.25" SF outlet connecting to FRONT
GM	1	576-01127-1259	CW Pump NONE with 0.75" SF inlet and 0.5" SF outlet connecting to FRONT
GL	1	576-01127-1216	CW Pump NONE with 0.75" SF inlet and 0.75" SF outlet connecting to FRONT
GK	1	576-01127-1261	CW Pump NONE with 1" SF inlet and 0.5" SF outlet connecting to FRONT
GZ	1	576-01129-6204	CW Pump NONE with 1" SF inlet and 0.5" SF top outlet connecting to FRONT Plus 0.5" SF bottom outlet connecting to REAR
EZ	1	576-01129-6216	CW Pump NONE with 1" SF inlet and 0.75" SF top outlet connecting to FRONT Plus 0.75" SF bottom outlet connecting to REAR
FZ	1	576-01129-6259	CW Pump NONE with 1" SF inlet and 0.75" SF top outlet connecting to FRONT Plus 0.5" SF bottom outlet connecting to REAR
GE	1	576-01127-1269	CW Pump NONE with 1" SF inlet and 0.75" SF outlet connecting to FRONT
GB	1	576-01127-1227	CW Pump NONE with 1" SF inlet and 1" SF outlet connecting to FRONT
GA	1	576-01127-1262	CW Pump NONE with 1.25" SF inlet and 0.5" SF outlet connecting to FRONT
DZ	1	576-01129-5204	CW Pump NONE with 1.25" SF inlet and 0.5" SF top outlet connecting to FRONT Plus 0.5" SF bottom outlet connecting to REAR
BZ	1	576-01129-5216	CW Pump NONE with 1.25" SF inlet and 0.75" SF top outlet connecting to FRONT Plus 0.75" SF bottom outlet connecting to REAR
CZ	1	576-01129-5259	CW Pump NONE with 1.25" SF inlet and 0.75" SF top outlet connecting to FRONT Plus 0.5" SF bottom outlet connecting to REAR
BL	1	576-01127-1270	CW Pump NONE with 1.25" SF inlet and 0.75" SF outlet connecting to FRONT
BK	1	576-01127-1277	CW Pump NONE with 1.25" SF inlet and 1" SF outlet connecting to FRONT
BI	1	576-01127-1232	CW Pump NONE with 1.25" SF inlet and 1.25" SF outlet connecting to FRONT

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