

\* \* 360 SERIES \* \*  
\* \* ENGINEERING CODEBOOK \* \*

THROUGH THE USE OF THIS CATALOG ALL THE COMPONENT PARTS OF ANY PERMCO PUMP OR MOTOR CAN BE DETERMINED EXCLUDING FASTENERS.

THE FOLLOWING IS THE CODE BOOK FOR THE 360 SERIES.

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. GEAR/SHAFTS FOLLOWED BY DRIVE SHAFT SMALL PARTS.
- V. BEARING CARRIERS FOLLOWED BY BEARING CARRIER SMALL PARTS.
- VI. CONNECTING SHAFTS.

COPYRIGHT C NOVEMBER 2005 BY PERMCO, INC. ALL RIGHTS RESERVED. NO PART OF THIS BOOK MAY BE REPRODUCED STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC MECHANICAL PHOTOCOPYING RECORDING OR OTHERWISE WITHOUT PRIOR WRITTEN PERMISSION OF PERMCO, INC.

BELOW IS AN EXAMPLE OF HOW TO USE THIS CATALOG:

SINGLE ASSEMBLY CODE: P360A067DJZA20-00

TANDEM ASSEMBLY CODE: P360B067AHZA20-00BCZA10-1

P DENOTES PUMP (M DENOTES MOTOR)

360 SERIES

A B C OR L MODEL TYPE (A-SINGLE B-TANDEM C-CONTINENTAL SHAFT  
AND L-EXTENDED STUDS)

067 SHAFT END COVER

DJ PORT END COVER

ZA20 GEAR HOUSING (FIRST)

00 DRIVE SHAFT

---

BC BEARING CARRIER

ZA10 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 . . . . . :	05	07	10	12	15	17	20	22	25
SIZE IN INCHES:	1/2	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2

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.

\* \* ABBREVIATIONS USED IN PART DESCRIPTIONS \* \*

SHAFT END COVER DESCRIPTIONS

FT MT      FOOT MOUNT  
G F TOP    GREASE FITTING ON TOP (OTHERS ON BOTTOM)  
PAD MT     PAD MOUNT  
PB          PIGGYBACK PUMP  
PD          PILOT DIAMETER  
PX          PILOT EXTENSION  
RD FLG     ROUND FLANGE  
W/MTG SLT WITH MOUNTING SLOT  
WD          WITH DRAIN  
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 DESCRIPTIONS

OS          PORTS ARE OUT THE SIDE  
PB          PIGGYBACK PUMP  
XSD        EXTENDED STUDS

SHAFT DESCRIPTIONS

T          TOOTH  
PB          PIGGYBACK PUMP  
W/THD END WITH THREADED END

PORTING DESCRIPTIONS

JIC        STRAIGHT THREAD.    PORT SIZE REFERS TO O.D. OF TUBE.  
SF        SPLIT FLANGE PORTS.    PORT SIZE REFERS TO FLANGE HOLE DIAMETER.  
T        INTERNAL CONNECTIONS TO FRONT & BACK SECTION.  
B        CONNECTION TO BACK SECTION.  
F        CONNECTION TO FRONT SECTION.

\*\*\*\*\*  
 \* \*  
 \* 360 SERIES \*  
 \* \*  
 \*\*\*\*\*

SERIES IDENTIFICATION

STUD HOLES - 4 AT 5/8 DIAMETER  
 STUD DIA. - 5/8 IN.  
 ONE-PIECE DRIVE SHAFT AND GEAR (INTEGRAL)  
 HOUSING HEIGHT - 6-1/4 INCHES  
 HOUSING WIDTH - GEAR SIZE + 1/2 INCH  
**PUMP BOLT TORQUE - 250 FT-LBS**

GEAR WIDTHS AVAILABLE

1/2 3/4 1 1-1/4 1-1/2 1-3/4 2 2-1/4 AND 2-1/2 INCH

SHAFT END COVERS

THE FIRST DIGIT OF THE SHAFT END COVER CODE DESIGNATES PUMP/MOTOR ROTATION.

ALL CODES BEGINNING WITH	<u>CW</u>	<u>CCW</u>	<u>DBL</u>	<u>PUMP</u>	<u>MOTOR</u>	<u>BEARING</u>
0	XX			XX		
1		XX		XX		
3	XX			XX		XX
4		XX		XX		XX
7			XX		XX	XX
8			XX		XX	

HOUSINGS

1. JIC PORTS ARE RECOMMENDED FOR USE AT PRESSURES UP TO 2500 PSI. FOR HIGHER PRESSURES CONSULT FACTORY.
2. SPLIT FLANGE PORTS ARE RECOMMENDED FOR PRESSURES ABOVE 2500 PSI. CONSULT FACTORY FOR CORRECT PORTING.

**PERMCO MODEL: 360****Shaft End Covers**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
031	1	574-01389	360 'B' SEC 4-BLT CW
067	1	574-01382	360 'C' SEC 4-BLT CW
079	1	574-01435	360 'D' SEC 4-BLT CW
086	1	574-01607	360 'B' SEC 2-BLT CW
087	1	574-01605	360 'C' SEC 2-BLT CW
131	1	574-01389	360 'B' SEC 4-BLT CCW
167	1	574-01382	360 'C' SEC 4-BLT CCW
179	1	574-01435	360 'D' SEC 4-BLT CCW
186	1	574-01607	360 'B' SEC 2-BLT CCW
187	1	574-01605	360 'C' SEC 2-BLT CCW
331	1	574-01389	360 'B' SEC 4-BLT CW
367	1	574-01382	360 'C' SEC 4-BLT CW
379	1	574-01435	360 'D' SEC 4-BLT CW
386	1	574-01607	360 'B' SEC 2-BLT CW
387	1	574-01605	360 'C' SEC 2-BLT CW
431	1	574-01389	360 'B' SEC 4-BLT CCW
467	1	574-01382	360 'C' SEC 4-BLT CCW
479	1	574-01435	360 'D' SEC 4-BLT CCW
486	1	574-01607	360 'B' SEC 2-BLT CCW
487	1	574-01605	360 'C' SEC 2-BLT CCW

**PERMCO MODEL: 360**

**SHAFT END COVER SMALL PARTS**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>	<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
031	2	921-01380	360 BUSHING	379	2	921-01380	360 BUSHING
031	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	379	1	W85-315	360, 7500 SNAP RING
				379	1	W58-48	360, 7500 BALL BEARING
067	2	921-01380	360 BUSHING	379	1	W62-26-10	360, 7500 DOUBLE LIP SEAL
067	1	W62-26-10	360, 7500 DOUBLE LIP SEAL				
079	2	921-01380	360 BUSHING	386	2	921-01380	360 BUSHING
079	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	386	1	W85-315	360, 7500 SNAP RING
				386	1	W58-48	360, 7500 BALL BEARING
				386	1	W62-26-10	360, 7500 DOUBLE LIP SEAL
086	2	921-01380	360 BUSHING				
086	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	387	2	921-01380	360 BUSHING
				387	1	W85-315	360, 7500 SNAP RING
087	2	921-01380	360 BUSHING	387	1	W58-48	360, 7500 BALL BEARING
087	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	387	1	W62-26-10	360, 7500 DOUBLE LIP SEAL
131	2	921-01380	360 BUSHING	431	2	921-01380	360 BUSHING
131	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	431	1	W85-315	360, 7500 SNAP RING
				431	1	W58-48	360, 7500 BALL BEARING
167	2	921-01380	360 BUSHING	431	1	W62-26-10	360, 7500 DOUBLE LIP SEAL
167	1	W62-26-10	360, 7500 DOUBLE LIP SEAL				
				467	2	921-01380	360 BUSHING
179	2	921-01380	360 BUSHING	467	1	W85-315	360, 7500 SNAP RING
179	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	467	1	W58-48	360, 7500 BALL BEARING
				467	1	W62-26-10	360, 7500 DOUBLE LIP SEAL
186	2	921-01380	360 BUSHING				
186	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	479	2	921-01380	360 BUSHING
				479	1	W85-315	360, 7500 SNAP RING
187	2	921-01380	360 BUSHING	479	1	W58-48	360, 7500 BALL BEARING
187	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	479	1	W62-26-10	360, 7500 DOUBLE LIP SEAL
331	2	921-01380	360 BUSHING	486	2	921-01380	360 BUSHING
331	1	W85-315	360, 7500 SNAP RING	486	1	W85-315	360, 7500 SNAP RING
331	1	W58-48	360, 7500 BALL BEARING	486	1	W58-48	360, 7500 BALL BEARING
331	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	486	1	W62-26-10	360, 7500 DOUBLE LIP SEAL
367	2	921-01380	360 BUSHING	487	2	921-01380	360 BUSHING
367	1	W85-315	360, 7500 SNAP RING	487	1	W85-315	360, 7500 SNAP RING
367	1	W58-48	360, 7500 BALL BEARING	487	1	W58-48	360, 7500 BALL BEARING
367	1	W62-26-10	360, 7500 DOUBLE LIP SEAL	487	1	W62-26-10	360, 7500 DOUBLE LIP SEAL

For tell-tale applications a "D" must follow the P360\_\_\_\_.  
 Shaft end cover must be noted to have machining done for tell-tale drain.  
 Extra small parts needed for tell-tale unit.

<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
1	961-01539	360 SEAL RETAINER "TELL-TALE"
1	W62-26-10	SEAL FOR "TELL-TALE"
1	W85-315	7500/360 SNAP RING
1	W0-19	PIPE PLUG/SOC HD 1/8-27 NPT
1	K-2995-159	RETAINER O'RING

## PERMCO MODEL: 360

## Port End Covers

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>	<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
AB	1	592-01383-2336	1-1/2 SIDE IN X BLK (JIC)CW	EM	1	592-01383-2481	1-1/2 X 1-1/4 SIDE (BSPP)CW
AE	1	592-01383-2381	1-1/4 X 1-1/2 SIDE (JIC)CCW	EN	1	592-01383-2236	BLK X 1-1/2 SIDE IN (SF)CCW
AF	1	592-01383-2331	1-1/4 SIDE IN X BLK (JIC)CW	EO	1	592-01383-2478	1-1/2 X 1 SIDE (BSPP)CW
AH	1	592-01390	BLANK MULTIPLE CW	EQ	1	592-01383-2432	1-1/4 X 1-1/4 SIDE (BSPP)CW
AI	1	592-01383-2326	1 SIDE IN X BLK (JIC)CW	ER	1	592-01383-2477	1-1/4 X 1 SIDE (BSPP)CW
AK	1	592-01383-2380	BLK X 1-1/4 SIDE OUT(JIC)CW	ES	1	592-01383-2427	1 X 1 SIDE (BSPP)CW
AM	1	592-01383-2376	BLK X 1 SIDE OUT (JIC)CW	FA	1	592-01383-2331	BLK X 1-1/4 SIDE IN (JIC)CCW
AO	1	592-01383-2436	1-1/2 SIDE IN X BLK (BSPP)CW	FD	1	592-01383-2279	1 X 2 SIDE (SF)CCW
AP	1	592-01383-2431	1-1/4 SIDE IN X BLK (BSPP)CW	FE	1	592-01383-2332	1-1/4 X 1-1/4 SIDE (JIC)CCW
AQ	1	592-01383-2426	1 SIDE IN X BLK (BSPP)CW	FN	1	592-01383-2231	BLK X 1-1/4 SIDE IN (SF)CCW
AS	1	592-01383-2480	BLK X 1-1/4 SIDE OUT (BSPP)CW	GD	1	592-01383-2237	1-1/2 X 1-1/2 SIDE (SF)CCW
AT	1	592-01383-2476	BLK X 1 SIDE OUT (BSPP)CW	HA	1	592-01390	BLANK MULTIPLE CCW
BA	1	592-01383-2336	BLK X 1-1/2 SIDE IN(JIC)CCW	IA	1	592-01383-2326	BLK X 1 SIDE IN (JIC)CCW
BD	1	592-01383-2285	1-1/2 X 2 SIDE (SF)CCW	ID	1	592-01383-2281	1-1/4 X 1-1/2 SIDE (SF)CCW
BE	1	592-01383-2378	1 X 1-1/2 SIDE (JIC)CCW	IE	1	592-01383-2377	1 X 1-1/4 SIDE (JIC)CCW
DB	1	592-01383-2285	2 X 1-1/2 SIDE(SF)CW	IN	1	592-01383-2226	BLK X 1 SIDE IN (SF)CCW
DE	1	592-01383-2282	2 X 1-1/4 SIDE (SF)CW	JD	1	592-01383-2278	1 X 1-1/2 SIDE (SF)CCW
DF	1	592-01383-2279	2 X 1 SIDE (SF)CW	KA	1	592-01383-2380	1-1/4 SIDE OUT X BLK (JIC)CCW
DG	1	592-01383-2237	1-1/2 X 1-1/2 SIDE (SF)CW	KD	1	592-01383-2232	1-1/4 X 1-1/4 SIDE (SF)CCW
DI	1	592-01383-2281	1-1/2 X 1-1/4 SIDE (SF)CW	KE	1	592-01383-2327	1 X 1 SIDE (JIC)CCW
DJ	1	592-01383-2278	1-1/2 X 1 SIDE (SF)CW	KN	1	592-01383-2284	1-1/2 SIDE OUT X BLK (SF)CCW
DK	1	592-01383-2232	1-1/4 X 1-1/4 SIDE (SF)CW	LD	1	592-01383-2277	1 X 1-1/4 SIDE (SF)CCW
DL	1	592-01383-2277	1-1/4 X 1 SIDE (SF)CW	LN	1	592-01383-2280	1-1/4 SIDE OUT X BLK (SF)CCW
DM	1	592-01383-2227	1 X 1 SIDE (SF)CW	MA	1	592-01383-2376	1 SIDE OUT X BLK (JIC)CCW
DN	1	592-01383-2240	BLK X 2 SIDE IN (SF)CCW	MD	1	592-01383-2227	1 X 1 SIDE (SF)CCW
DQ	1	592-01383-2585	2 X 1-1/2 SIDE (MET.SF)CW	ME	1	592-01383-2481	1-1/4 X 1-1/2 SIDE (BSPP)CCW
DR	1	592-01383-2582	2 X 1-1/4 SIDE (MET.SF)CW	MN	1	592-01383-2276	1 SIDE OUT X BLK (SF)CCW
DS	1	592-01383-2579	2 X 1 SIDE (MET.SF)CW	ND	1	592-01383-2240	2 SIDE IN X BLK (SF)CW
DT	1	592-01383-2537	1-1/2 X 1-1/2 SIDE (MET.SF)CW	NE	1	592-01383-2236	1-1/2 SIDE IN X BLK (SF)CW
DU	1	592-01383-2581	1-1/2 X 1-1/4 SIDE (MET.SF)CW	NF	1	592-01383-2231	1-1/4 SIDE IN X BLK (SF)CW
DV	1	592-01383-2578	1-1/2 X 1 SIDE (MET.SF)CW	NI	1	592-01383-2226	1 SIDE IN X BLK (SF)CW
DW	1	592-01383-2532	1-1/4 X 1-1/4 SIDE (MET.SF)CW	NK	1	592-01383-2284	BLK X 1-1/2 SIDE OUT (SF)CW
DX	1	592-01383-2577	1-1/4 X 1 SIDE (MET.SF)CW	NL	1	592-01383-2280	BLK X 1-1/4 SIDE OUT (SF)CW
DY	1	592-01383-2527	1 X 1 SIDE (MET.SF)CW	NM	1	592-01383-2276	BLK X 1 SIDE OUT (SF)CW
EA	1	592-01383-2381	1-1/2 X 1-1/4 SIDE (JIC)CW	NO	1	592-01383-2540	2 SIDE IN X BLK (MET.SF)CW
EB	1	592-01383-2378	1-1/2 X 1 SIDE (JIC)CW	NQ	1	592-01383-2536	1-1/2 SIDE IN X BLK (MET.SF)CW
ED	1	592-01383-2282	1-1/4 X 2 SIDE (SF)CCW	NR	1	592-01383-2531	1-1/4 SIDE IN X BLK (MET.SF)CW
EF	1	592-01383-2332	1-1/4 X 1-1/4 SIDE (JIC)CW	NS	1	592-01383-2526	1 SIDE IN X BLK (MET.SF)CW
EI	1	592-01383-2377	1-1/4 X 1 SIDE (JIC)CW	NU	1	592-01383-2584	BLK X 1-1/2 SIDE OUT (MET.SF)CW
EK	1	592-01383-2327	1 X 1 SIDE (JIC)CW	NV	1	592-01383-2580	BLK X 1-1/4 SIDE OUT (MET.SF)CW

**PERMCO MODEL: 360**

**Port End Covers**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>	<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
NW	1	592-01383-2576	BLK X 1 SIDE OUT (MET.SF)CCW				
OA	1	592-01383-2436	BLK X 1-1/2 SIDE IN (BSPP)CCW				
OE	1	592-01383-2478	1 X 1-1/2 SIDE (BSPP)CCW				
ON	1	592-01383-2540	BLK X 2 SIDE IN (MET.SF)CCW				
PA	1	592-01383-2431	BLK X 1-1/4 SIDE IN (BSPP)CCW				
QA	1	592-01383-2426	BLK X 1 SIDE IN (BSPP)CCW				
QD	1	592-01383-2585	1-1/2 X 2 SIDE (MET.SF)CCW				
QE	1	592-01383-2432	1-1/4 X 1-1/4 SIDE (BSPP)CCW				
QN	1	592-01383-2536	BLK X 1-1/2 SIDE IN (MET.SF)CCW				
RD	1	592-01383-2582	1-1/4 X 2 SIDE (MET.SF)CCW				
RE	1	592-01383-2477	1 X 1-1/4 SIDE (BSPP)CCW				
RN	1	592-01383-2531	BLK X 1-1/4 SIDE IN (MET.SF)CCW				
SA	1	592-01383-2480	1-1/4 SIDE OUT X BLK (BSPP)CCW				
SD	1	592-01383-2579	1 X 2 SIDE (MET.SF)CCW				
SE	1	592-01383-2427	1 X 1 SIDE (BSPP)CCW				
SN	1	592-01383-2526	BLK X 1 SIDE IN (MET.SF)CCW				
TA	1	592-01383-2476	1 SIDE OUT X BLK (BSPP)CCW				
TD	1	592-01383-2537	1-1/2 X 1-1/2 SIDE (MET.SF)CCW				
UD	1	592-01383-2581	1-1/4 X 1-1/2 SIDE (MET.SF)CCW				
UN	1	592-01383-2584	1-1/2 SIDE OUT X BLK (MET.SF)CCW				
VD	1	592-01383-2578	1 X 1-1/2 SIDE (MET.SF)CCW				
VN	1	592-01383-2580	1-1/4 SIDE OUT X BLK (MET.SF)CCW				
WD	1	592-01383-2532	1-1/4 X 1-1/4 SIDE (MET.SF)CCW				
WN	1	592-01383-2576	1 SIDE OUT X BLK (MET.SF)CCW				
XD	1	592-01383-2577	1 X 1-1/4 SIDE (MET.SF)CCW				
YD	1	592-01383-2527	1 X 1 SIDE (MET.SF)CCW				



PERMCO MODEL: 360

PORT END COVER SMALL PARTS

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
	2	921-01380	360 BUSHING
	1	Z-1967-45-2	PERMCO NAME TAG

**PERMCO MODEL: 360****Housings**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
ZA05	1	577-01381-05	360 GEAR HOUSING FOR 1/2 GEAR
ZA07	1	577-01381-07	360 GEAR HOUSING FOR 3/4 GEAR
ZA10	1	577-01381-10	360 GEAR HOUSING FOR 1 GEAR
ZA12	1	577-01381-12	360 GEAR HOUSING FOR 1-1/4 GEAR
ZA15	1	577-01381-15	360 GEAR HOUSING FOR 1-1/2 GEAR
ZA17	1	577-01381-17	360 GEAR HOUSING FOR 1-3/4 GEAR
ZA20	1	577-01381-20	360 GEAR HOUSING FOR 2 GEAR
ZA22	1	577-01381-22	360 GEAR HOUSING FOR 2-1/4 GEAR
ZA25	1	577-01381-25	360 GEAR HOUSING FOR 2-1/2 GEAR

**PERMCO MODEL: 360**

**HOUSING SMALL PARTS**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
	8	280-1971-062	360 SERIES HOLLOW DOWEL PIN
	2	947-01377	360 UNI-ROTATIONAL TP
	2	947-01378	360 PUMP SEAL RING
	2	947-01379	360 PUMP BACK-UP RING
	2	TA-2995-250	360 SERIES SQUARE GASKET

## PERMCO MODEL: 360

## DRIVE SHAFTS OR GEAR/SHAFTS

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
00	1	024-01411-05	360 G/SH MULTI 1/2 SAE C-KEYED
00	1	024-01411-07	360 G/SH MULTI 3/4 SAE C-KEYED
00	1	024-01411-10	360 G/SH MULTI 1 SAE C-KEYED
00	1	024-01411-12	360 G/SH MULTI 1-1/4 SAE C-KEYED
00	1	024-01411-15	360 G/SH MULTI 1-1/2 SAE C-KEYED
00	1	024-01411-17	360 G/SH MULTI 1-3/4 SAE C-KEYED
00	1	024-01411-20	360 G/SH MULTI 2 SAE C-KEYED
00	1	024-01411-22	360 G/SH MULTI 2-1/4 C-KEYED
00	1	024-01411-25	360 G/SH MULTI 2-1/2 C-KEYED
6	1	024-01394-05	360 G/SH MULTI 1/2 SAE C-SPLN
6	1	024-01394-07	360 G/SH MULTI 3/4 SAE C-SPLN
6	1	024-01394-10	360 G/SH MULTI 1 SAE C-SPLN
6	1	024-01394-12	360 G/SH MULTI 1-1/4 SAE C-SPLN
6	1	024-01394-15	360 G/SH MULTI 1-1/2 SAE C-SPLN
6	1	024-01394-17	360 G/SH MULTI 1-3/4 SAE C-SPLN
6	1	024-01394-20	360 G/SH MULTI 2 SAE C-SPLN
6	1	024-01394-22	360 G/SH MULTI 2-1/4 SAE C-SPLN
6	1	024-01394-25	360 G/SH MULTI 2-1/2 SAE C-SPLN
87	1	024-01466-15	360 G/SH MULTI 1-1/2 SAE BB-SPLN
87	1	024-01466-20	360 G/SH MULTI 2 SAE BB-SPLN
87	1	024-01466-25	360 G/SH MULTI 2-1/2 BB-SPLN
C00	1	023-01619	360 CONT. SH, 1-1/4 DIA. C KEYED
C 6	1	023-01617	360 CONT. SH, 1-1/4 DIA.14 T C SPLN
C87	1	023-01618	360 CONT. SH, 1 DIA. 15 T BB SPLN
C99	1	023-01614	360 CONT. SH, 1-1/2 DIA.17 T CC SPLN

**PERMCO MODEL: 360**

**DRIVE SHAFT SMALL PARTS**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
00	1	SP-1000-5	SHAFT PROTECTOR/ 1-1/4 DIA
00	1	009-01412	5/16 X 5/16 X 1-1/2 KEY
6	1	SP-1000-4	SHAFT PROTECTOR/ 1-1/4 DIA
87	1	SP-1000-3	SHAFT PROTECTOR/ 1 DIA
C00	1	W86-137	7500, 360 SNAP RING
C00	1	009-01412	5/16 X 5/16 X 1-1/2 KEY
C00	1	SP-1000-5	SHAFT PROTECTOR/ 1-1/4 DIA
C00	1	558-01615	360 CONTI SHAFT BRG SPACER
C 6	1	W86-137	7500, 360 SNAP RING
C 6	1	SP-1000-4	SHAFT PROTECTOR/ 1-1/4 DIA
C 6	1	558-01615	360 CONTI SHAFT BRG SPACER
C87	1	W86-137	7500, 360 SNAP RING
C87	1	SP-1000-3	SHAFT PROTECTOR/ 1 DIA
C87	1	558-01615	360 CONTI SHAFT BRG SPACER
C99	1	W86-137	7500, 360 SNAP RING
C99	* 1	SP-1000-xxx	SHAFT PROTECTOR/ 1-1/2 DIA
C99	1	558-01615	360 CONTI SHAFT BRG SPACER

**PERMCO MODEL: 360****Gear and Shaft Combinations**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
05	1	996-01375-05	360 1/2 GEAR SET
07	1	996-01375-07	360 3/4 GEAR SET
10	1	996-01375-10	360 1 GEAR SET
12	1	996-01375-12	360 1-1/4 GEAR SET
15	1	996-01375-15	360 1-1/2 GEAR SET
17	1	996-01375-17	360 1-3/4 GEAR SET
20	1	996-01375-20	360 2 GEAR SET
22	1	996-01375-22	360 2-1/4 GEAR SET
25	1	996-01375-25	360 2-1/2 GEAR SET

**PERMCO MODEL: 360**

**Bearing Carriers (Single In, Dual Out)**

CODE	QTY	PART NUMBER	D E S C R I P T I O N	CODE	QTY	PART NUMBER	D E S C R I P T I O N
AC	1	576-01391-2537	2-1/2-T X 1-1/2 & 1-1/2(M-SF) CCW	FM	1	576-01391-3377	2-T X 1-1/4 & 1 (JIC) CW
BC	1	576-01391-2581	1-1/2-T X 1-1/2 & 1-1/4 (M-SF) CCW	FO	1	576-01391-3327	2-T X 1 & 1 (JIC) CW
BZ	1	576-01391-2237	2-1/2-T X 1-1/2 & 1-1/2 (SF) CCW	FP	1	576-01391-4337	1-1/2-T X 1-1/2 & 1-1/2 (JIC) CW
CA	1	576-01391-2537	2-1/2-T X 1-1/2 & 1-1/2 (M-SF) CW	FQ	1	576-01391-4381	1-1/2-T X 1-1/2 & 1-1/4 (JIC) CW
CB	1	576-01391-2581	2-1/2-T X 1-1/2 & 1-1/4 (M-SF) CW	FR	1	576-01391-4378	1-1/2-T X 1-1/2 & 1 (JIC) CW
CD	1	576-01391-2578	2-1/2-T X 1-1/2 & 1 (M-SF) CW	FS	1	576-01391-4332	1-1/2-T X 1-1/4 & 1-1/4 (JIC) CW
CE	1	576-01391-2532	2-1/2-T X 1-1/4 1-1/4 (M-SF) CW	FT	1	576-01391-4377	1-1/2-T X 1-1/4 & 1 (JIC) CW
CF	1	576-01391-2577	2-1/2-T X 1-1/4 & 1 (M-SF) CW	FU	1	576-01391-4327	1-1/2-T X 1 & 1 (JIC) CW
CG	1	576-01391-2527	2-1/2-T X 1 & 1 (M-SF) CW	FV	1	576-01391-5332	1-1/4-T X 1-1/4 & 1-1/4 (JIC) CW
CI	1	576-01391-3537	2-T X 1-1/2 & 1-1/2 (M-SF) CW	FW	1	576-01391-5377	1-1/4-T X 1-1/4 & 1 (JIC) CW
CJ	1	576-01391-3581	2-T X 1-1/2 & 1-1/4 (M-SF) CW	FX	1	576-01391-5327	1-1/4-T X 1 & 1 (JIC) CW
CK	1	576-01391-3578	2-T X 1-1/2 & 1 (M-SF) CW	FY	1	576-01391-6327	1-T X 1 & 1 (JIC) CW
CL	1	576-01391-3532	2-T X 1-1/4 & 1-1/4 (M-SF) CW	FZ	1	576-01391-2277	2-1/2-T X 1-1/4 & 1 (SF) CCW
CM	1	576-01391-3577	2-T X 1-1/4 & 1(M-SF) CW	GC	1	576-01391-2527	2-1/2-T X 1 & 1 (M-SF) CCW
CO	1	576-01391-3527	2-T X 1 & 1 (M-SF) CW	GI	1	576-01391-3437	2-T X 1-1/2 & 1-1/2 (BSPP) CCW
CP	1	576-01391-4537	1-1/2-T X 1-1/2 & 1-1/2 (M-SF) CW	GZ	1	576-01391-2227	2-1/2-T X 1 & 1 (SF) CCW
CQ	1	576-01391-4581	1-1/2-T X 1-1/2 & 1-1/4 (M-SF) CW	IC	1	576-01391-3537	2-T X 1-1/2 & 1-1/2 (M-SF) CCW
CR	1	576-01391-4578	1-1/2-T X 1-1/2 & 1 (M-SF) CW	IF	1	576-01391-3337	2-T X 1-1/2 & 1-1/2 (JIC) CCW
CS	1	576-01391-4532	1-1/2-T X 1-1/4 & 1-1/4 (M-SF) CW	IG	1	576-01391-3437	2-T X 1-1/2 & 1-1/2 (BSPP) CW
CT	1	576-01391-4577	1-1/2-T X 1-1/4 & 1 (M-SF) CW	IJ	1	576-01391-3481	2-T X 1-1/2 & 1-1/4 (BSPP) CW
CU	1	576-01391-4527	1-1/2-T X 1 & 1 (M-SF) CW	IK	1	576-01391-3478	2-T X 1-1/2 & 1 (BSPP) CW
CV	1	576-01391-5532	1-1/4-T X 1-1/4 & 1-1/4 (M-SF) CW	IL	1	576-01391-3432	2-T X 1-1/4 & 1-1/4 (BSPP) CW
CW	1	576-01391-5577	1-1/4-T X 1-1/4 & 1 (M-SF) CW	IM	1	576-01391-3477	2-T X 1-1/4 & 1 (BSPP) CW
CX	1	576-01391-5527	1-1/4-T X 1 & 1 (M-SF) CW	IO	1	576-01391-3427	2-T X 1 & 1 (BSPP) CW
CY	1	576-01391-6527	1-T X 1 & 1 (M-SF) CW	IP	1	576-01391-4437	1-1/2-T X 1-1/2 & 1-1/2 (BSPP) CW
CZ	1	576-01391-2281	2-1/2-T X 1-1/2 & 1-1/4 (SF) CCW	IQ	1	576-01391-4481	1-1/2-T X 1-1/2 & 1-1/4 (BSPP) CW
DC	1	576-01391-2578	2-1/2-T X 1-1/2 & 1 (M-SF) CCW	IR	1	576-01391-4478	1-1/2-T X 1-1/2 & 1 (BSPP) CW
DZ	1	576-01391-2278	2-1/2-T X 1-1/2 & 1 (SF) CCW	IS	1	576-01391-4432	1-1/2-T X 1-1/4 & 1-1/4 (BSPP) CW
EC	1	576-01391-2532	2-1/2-T X 1-1/4 & 1-1/4 (M-SF) CCW	IT	1	576-01391-4477	1-1/2-T X 1-1/4 & 1 (BSPP) CW
EZ	1	576-01391-2232	2-1/2-T X 1-1/4 & 1-1/4 (SF) CCW	IU	1	576-01391-4427	1-1/2-T X 1 & 1 (BSPP) CW
FC	1	576-01391-2577	2-1/2-T X 1-1/4 & 1 (M-SF) CCW	IV	1	576-01391-5432	1-1/4-T X 1-1/4 & 1-1/4 (BSPP) CW
FI	1	576-01391-3337	2-T X 1-1/2 & 1-1/2 (JIC) CW	IW	1	576-01391-5477	1-1/4-T X 1-1/4 & 1 (BSPP) CW
FJ	1	576-01391-3381	2-T X 1-1/2 & 1-1/4 (JIC) CW	IX	1	576-01391-5427	1-1/4-T X 1 & 1 (BSPP) CW
FK	1	576-01391-3378	2-T X 1-1/2 & 1 (JIC) CW	IY	1	576-01391-6427	1-T X 1 & 1 (BSPP) CW
FL	1	576-01391-3332	2-T X 1-1/4 & 1-1/4 (JIC) CW	IZ	1	576-01391-3237	2-T X 1-1/2 & 1-1/2 (SF) CCW

In the belly down position, determine pump rotation from shaft end. Clockwise rotation will put the inlet on the left side and the top outlet port will be for the front gear section. Counter-clockwise rotation will put the inlet on the right side and the top outlet will be for the rear gear section.

NOTE: FOR MIXED PORTING IN THE BEARING CARRIER REFER TO THE P197 SERIES CODES.

**PERMCO MODEL: 360**

**Bearing Carriers (Single In, Dual Out)**

CODE	QTY	PART NUMBER	D E S C R I P T I O N	CODE	QTY	PART NUMBER	D E S C R I P T I O N
JC	1	576-01391-3581	2-T X 1-1/2 & 1-1/4 (M-SF) CCW	SZ	1	576-01391-4232	1-1/2-T X 1-1/4 & 1-1/4 (SF) CCW
JF	1	576-01391-3381	2-T X 1-1/2 & 1-1/4 (JIC) CCW	TC	1	576-01391-4577	1-1/2-T X 1-1/4 & 1 (M-SF) CCW
JI	1	576-01391-3481	2-T X 1-1/2 & 1-1/4 (BSPP) CCW	TF	1	576-01391-4377	1-1/2-T X 1-1/4 & 1 JIC (JIC) CCW
JZ	1	576-01391-3281	2-T X 1-1/2 & 1-1/4 (SF) CCW	TI	1	576-01391-4477	1-1/2-T X 1-1/4 & 1 (BSPP) CCW
KC	1	576-01391-3578	2-T X 1-1/2 & 1 (M-SF) CCW	TZ	1	576-01391-4277	1-1/2-T X 1-1/4 & 1 (SF) CCW
KF	1	576-01391-3378	2-T X 1-1/2 & 1 (JIC) CCW	UC	1	576-01391-4527	1-1/2-T X 1 & 1 (M-SF) CCW
KI	1	576-01391-3478	2-T X 1-1/2 & 1 (BSPP) CCW	UF	1	576-01391-4327	1-1/2-T X 1 & 1 (JIC) CCW
KZ	1	576-01391-3278	2-T X 1-1/2 & 1 (SF) CCW	UI	1	576-01391-4427	1-1/2-T X 1 & 1(BSPP) CCW
LC	1	576-01391-3532	2-T X 1-1/4 & 1-1/4 (M-SF) CCW	UZ	1	576-01391-4227	1-1/2-T X 1 & 1 (SF) CCW
LF	1	576-01391-3332	2-T X 1-1/4 & 1-1/4 (JIC) CCW	VC	1	576-01391-5532	1-1/4-T X 1-1/4 & 1-1/4 (M-SF) CCW
LI	1	576-01391-3432	2-T X 1-1/4 & 1-1/4 (BSPP) CCW	VF	1	576-01391-5332	1-1/4-T X 1-1/4 X 1-1/4 (JIC) CCW
LZ	1	576-01391-3232	2-T X 1-1/4 & 1-1/4 (SF) CCW	VI	1	576-01391-5432	1-1/4-T X 1-1/4 & 1-1/4(BSPP) CCW
MC	1	576-01391-3577	2-T X 1-1/4 & 1 (M-SF) CCW	VZ	1	576-01391-5232	1-1/4-T X 1-1/4 & 1-1/4(SF) CCW
MF	1	576-01391-3377	2-T X 1-1/4 & 1 (JIC) CCW	WC	1	576-01391-5577	1-1/4-T X 1-1/4 & 1 (M-SF) CCW
MI	1	576-01391-3477	2-T X 1-1/4 & 1 (BSPP) CCW	WF	1	576-01391-5377	1-1/4-T X 1-1/4 & 1 (JIC) CCW
MZ	1	576-01391-3277	2-T X 1-1/4 & 1 (SF) CCW	WI	1	576-01391-5477	1-1/4-T X 1-1/4 & 1 (BSPP) CCW
OC	1	576-01391-3527	2-T X 1 & 1 (M-SF) CCW	WZ	1	576-01391-5277	1-1/4-T X 1-1/4 & 1 (SF) CCW
OF	1	576-01391-3327	2-T X 1 & 1 (JIC) CCW	XC	1	576-01391-5527	1-1/4-T X 1 & 1 (M-SF) CCW
OI	1	576-01391-3427	2-T X 1 & 1 (BSPP) CCW	XF	1	576-01391-5327	1-1/4-T X 1 & 1 (JIC) CCW
OZ	1	576-01391-3227	2-T X 1 & 1 (SF) CCW	XI	1	576-01391-5427	1-1/4-T X 1 & 1 (BSPP) CCW
PC	1	576-01391-4537	1-1/2-T X 1-1/2 & 1-1/2 (M-SF) CCW	XZ	1	576-01391-5227	1-1/4-T X 1 & 1 (SF) CCW
PF	1	576-01391-4337	1-1/2-T X 1-1/2 & 1-1/2 (JIC) CCW	YC	1	576-01391-6527	1-T X 1 & 1(M-SF) CCW
PI	1	576-01391-4437	1-1/2-T X 1-1/2 & 1-1/2 (BSPP) CCW	YF	1	576-01391-6327	1-T X 1 & 1 (JIC) CCW
PZ	1	576-01391-4237	1-1/2-T X 1-1/2 & 1-1/2 (SF) CCW	YI	1	576-01391-6427	1-T X 1 & 1 (BSPP) CCW
QC	1	576-01391-4581	1-1/2-T X 1-1/2 & 1-1/4(M-SF) CCW	YZ	1	576-01391-6227	1-T X 1 & 1 (SF) CCW
QF	1	576-01391-4381	1-1/2-T X 1-1/2 & 1-1/4 (JIC) CCW	ZB	1	576-01391-2237	2-1/2-T X 1-1/2 & 1-1/2 (SF) CW
QI	1	576-01391-4481	1-1/2-T X 1-1/2 & 1-1/4 (BSPP) CCW	ZC	1	576-01391-2281	2-1/2-T X 1-1/2 & 1-1/4 (SF) CW
QZ	1	576-01391-4281	1-1/2-T X 1-1/2 & 1-1/4 (SF) CCW	ZD	1	576-01391-2278	2-1/2-T X 1-1/2 & 1 (SF) CW
RC	1	576-01391-4578	1-1/2-T X 1-1/2 & 1 (M-SF) CCW	ZE	1	576-01391-2232	2-1/2-T X 1-1/4 & 1-1/4 (SF) CW
RF	1	576-01391-4378	1-1/2-T X 1-1/2 & 1 (JIC) CCW	ZF	1	576-01391-2277	2-1/2-T X 1-1/4 & 1 (SF) CW
RI	1	576-01391-4478	1-1/2-T X 1-1/2 & 1 (BSPP) CCW	ZG	1	576-01391-2227	2-1/2-T X 1 & 1 (SF) CW
RZ	1	576-01391-4278	1-1/2-T X 1-1/2 & 1 (SF) CCW	ZI	1	576-01391-3237	2-T X 1-1/2 & 1-1/2 (SF) CW
SC	1	576-01391-4532	1-1/2-T X 1-1/4 & 1-1/4 (M-SF) CCW	ZJ	1	576-01391-3281	2-T X 1-1/2 & 1-1/4 (SF) CW
SF	1	576-01391-4332	1-1/2-T X 1-1/4 & 1-1/4 (JIC) CCW	ZK	1	576-01391-3278	2-T X 1-1/2 & 1(SF) CW
SI	1	576-01391-4432	1-1/2-T X 1-1/4 & 1-1/4(BSPP) CCW	ZL	1	576-01391-3232	2-T X 1-1/4 & 1-1/4 (SF) CW

In the belly down position, determine pump rotation from shaft end. Clockwise rotation will put the inlet on the left side and the top outlet port will be for the front gear section. Counter-clockwise rotation will put the inlet on the right side and the top outlet will be for the rear gear section.

NOTE: FOR MIXED PORTING IN THE BEARING CARRIER REFER TO THE P197 SERIES CODES.



PERMCO MODEL: 360

Bearing Carriers (Single In, Dual Out)

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>	<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
ZM	1	576-01391-3277	2-T X 1-1/4 & 1 (SF) CW				
ZO	1	576-01391-3227	2-T X 1 & 1 (SF) CW				
ZP	1	576-01391-4237	1-1/2-T X 1-1/2 & 1-1/2 (SF) CW				
ZQ	1	576-01391-4281	1-1/2-T X 1-1/2 & 1-1/4 (SF) CW				
ZR	1	576-01391-4278	1-1/2-T X 1-1/2 & 1 (SF) CW				
ZS	1	576-01391-4232	1-1/2-T X 1-1/4 & 1-1/4 (SF) CW				
ZT	1	576-01391-4277	1-1/2-T X 1-1/4 & 1 (SF) CW				
ZU	1	576-01391-4227	1-1/2-T X 1 & 1 (SF) CW				
ZV	1	576-01391-5232	1-1/4-T X 1-1/4 & 1-1/4 (SF) CW				
ZW	1	576-01391-5277	1-1/4-T X 1-1/4 & 1 (SF) CW				
ZX	1	576-01391-5227	1-1/4-T X 1 & 1 (SF) CW				
ZY	1	576-01391-6227	1-T X 1 & 1 (SF) CW				

In the belly down position, determine pump rotation from shaft end. Clockwise rotation will put the inlet on the left side and the top outlet port will be for the front gear section. Counter-clockwise rotation will put the inlet on the right side and the top outlet will be for the rear gear section.

NOTE: FOR MIXED PORTING IN THE BEARING CARRIER REFER TO THE P197 SERIES CODES.

PERMCO MODEL: 360

Bearing Carriers (Single In, Single Out)

CODE	QTY	PART NUMBER	D E S C R I P T I O N	CODE	QTY	PART NUMBER	D E S C R I P T I O N
AG	1	576-01392-1285	1-1/2 X 2-T (SF) CCW	GX	1	576-01392-1577	1-1/4-T X 1 (MET.SF) CW
AJ	1	576-01392-1385	1-1/2 X 2-T (JIC) CCW	GY	1	576-01392-1527	1-T X 1 (MET.SF) CW
B	1	576-01392-1321	7/8"JIC-THRU X BLANK CW	IB	1	576-01392-1286	1-1/2 X 2-1/2-T (SF) CCW
BG	1	576-01392-1282	1-1/4 X 2-T (SF) CCW	JA	1	576-01392-1385	2-T X 1-1/2 (JIC) CW
BI	1	576-01392-1286	2-1/2-T X 1-1/2 (SF) CW	JB	1	576-01392-1382	2-T X 1-1/4 (JIC) CW
BJ	1	576-01392-1382	1-1/4 X 2-T (JIC) CCW	JE	1	576-01392-1379	2-T X 1 (JIC) CW
BK	1	576-01392-1283	2-1/2-T X 1-1/4 (SF) CW	JK	1	576-01392-1337	1-1/2-T X 1-1/2 (JIC) CW
BL	1	576-01392-1296	2-1/2-T X 1 (SF) CW	JL	1	576-01392-1381	1-1/2-T X 1-1/4 (JIC) CW
BM	1	576-01392-1586	2-1/2-T X 1-1/2 (MET.SF) CW	JM	1	576-01392-1378	1-1/2-T X 1 (JIC) CW
BO	1	576-01392-1583	2-1/2-T X 1-1/4 (MET.SF) CW	JN	1	576-01392-1332	1-1/4-T X 1-1/4 (JIC) CW
BP	1	576-01392-1596	2-1/2-T X 1 (MET.SF) CW	JO	1	576-01392-1377	1-1/4-T X 1 (JIC) CW
C	1	576-01392-1321	BLANK X 7/8"JIC-THRU CCW	JP	1	576-01392-1327	1-T X 1 (JIC) CW
EG	1	576-01392-1279	1 X 2-T (SF) CCW	KB	1	576-01392-1283	1-1/4 X 2-1/2-T (SF) CCW
EJ	1	576-01392-1379	1 X 2-T (JIC) CCW	KG	1	576-01392-1237	1-1/2 X 1-1/2-T (SF) CCW
GA	1	576-01392-1285	2-T X 1-1/2 (SF) CW	KJ	1	576-01392-1337	1-1/2 X 1-1/2-T (JIC) CCW
GB	1	576-01392-1282	2-T X 1-1/4 (SF) CW	LB	1	576-01392-1296	1 X 2-1/2-T (SF) CCW
GE	1	576-01392-1279	2-T X 1 (SF) CW	LG	1	576-01392-1281	1-1/4 X 1-1/2-T (SF) CCW
GK	1	576-01392-1237	1-1/2-T X 1-1/2 (SF) CW	LJ	1	576-01392-1381	1-1/4 X 1-1/2-T (JIC) CCW
GL	1	576-01392-1281	1-1/2-T X 1-1/4 (SF) CW	MB	1	576-01392-1586	1-1/2 X 2-1/2-T (MET.SF) CCW
GM	1	576-01392-1276	1-1/2-T X 1 (SF) CW	MG	1	576-01392-1276	1 X 1-1/2-T (SF) CCW
GN	1	576-01392-1232	1-1/4-T X 1-1/4 (SF) CW	MJ	1	576-01392-1378	1 X 1-1/2-T (JIC) CCW
GO	1	576-01392-1277	1-1/4-T X 1 (SF) CW	NG	1	576-01392-1232	1-1/4 X 1-1/4-T (SF) CCW
GP	1	576-01392-1227	1-T X 1 (SF) CW	NJ	1	576-01392-1332	1-1/4 X 1-1/4-T (JIC) CCW
GQ	1	576-01392-1585	2-T X 1-1/2 (MET.SF) CW	OB	1	576-01392-1583	1-1/4 X 2-1/2-T (MET.SF) CCW
GR	1	576-01392-1582	2-T X 1-1/4 (MET.SF) CW	OG	1	576-01392-1277	1 X 1-1/4-T (SF) CCW
GS	1	576-01392-1579	2-T X 1 (MET.SF) CW	OJ	1	576-01392-1377	1 X 1-1/4-T (JIC) CCW
GT	1	576-01392-1537	1-1/2-T X 1-1/2 (MET.SF) CW	PB	1	576-01392-1596	1 X 1-1/2-T (MET.SF) CCW
GU	1	576-01392-1581	1-1/2-T X 1-1/4 (MET.SF) CW	PG	1	576-01392-1227	1 X 1-T (SF) CCW
GV	1	576-01392-1578	1-1/2-T X 1 (MET.SF) CW	PJ	1	576-01392-1327	1 X 1-T (JIC) CW
GW	1	576-01392-1532	1-1/4-T X 1-1/4 (MET.SF) CW	QG	1	576-01392-1585	1-1/2 X 2-T (MET.SF) CCW

NOTE: FOR MIXED PORTING IN THE BEARING CARRIER REFER TO THE P197 SERIES CODES.

**PERMCO MODEL: 360****Bearing Carriers (Single In, Single Out)**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>	<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
RG	1	576-01392-1582	1-1/4 X 2-T (MET.SF) CCW				
SG	1	576-01392-1579	1 X 2-T (MET.SF) CCW				
TG	1	576-01392-1537	1-1/2 X 1-1/2-T (MET.SF) CCW				
UG	1	576-01392-1581	1-1/4 X 1-1/2-T (MET.SF) CCW				
VG	1	576-01392-1578	1 X 1-1/2-T (MET.SF) CCW				
WG	1	576-01392-1532	1-1/4 X 1-1/4-T (MET.SF) CCW				
XG	1	576-01392-1577	1 X 1-1/4 (MET.SF) CCW				
YG	1	576-01392-1527	1 X 1-T (MET.SF) CCW				

**NOTE: FOR MIXED PORTING IN THE BEARING CARRIER REFER TO THE P197 SERIES CODES.**

**PERMCO MODEL: 360**

**Bearing Carriers (Common In, Common Out)**

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>	<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
DO	1	576-01392-7385	1-1/2-T X 2-T (JIC) CCW				
LO	1	576-01392-7382	1-1/4-T X 2-T (JIC) CCW				
MO	1	576-01392-7337	1-1/2-T X 1-1/2-T (JIC) CCW				
PO	1	576-01392-7381	1-1/4-T X 1-1/2-T (JIC) CCW				
QO	1	576-01392-7332	1-1/4-T X 1-1/4-T (JIC) CCW				
OD	1	576-01392-7385	2-T X 1-1/2-T (JIC) CW				
OL	1	576-01392-7382	2-T X 1-1/4-T (JIC) CW				
OM	1	576-01392-7337	1-1/2-T X 1-1/2-T (JIC) CW				
OP	1	576-01392-7381	1-1/2-T X 1-1/4-T (JIC) CW				
OQ	1	576-01392-7332	1-1/4-T X 1-1/4-T (JIC) CW				
BT	1	576-01392-7266	1-1/2-T X 2-1/2-T (SF) CCW				
ET	1	576-01392-7283	1-1/4-T X 2-1/2-T (SF) CCW				
MT	1	576-01392-7285	1-1/2-T X 2-T (SF) CCW				
NT	1	576-01392-7282	1-1/4-T X 2-T (SF) CCW				
OT	1	576-01392-7237	1-1/2-T X 1-1/2-T (SF) CCW				
PT	1	576-01392-7281	1-1/4-T X 1-1/2-T (SF) CCW				
QT	1	576-01392-7232	1-1/4-T X 1-1/4-T (SF) CCW				
TB	1	576-01392-7266	2-1/2-T X 1-1/2-T (SF) CW				
TE	1	576-01392-7283	2-1/2-T X 1-1/4-T (SF) CW				
TM	1	576-01392-7285	2-T X 1-1/2-T (SF) CW				
TN	1	576-01392-7282	2-T X 1-1/4-T (SF) CW				
TO	1	576-01392-7237	1-1/2-T X 1-1/2-T (SF) CW				
TP	1	576-01392-7281	1-1/2-T X 1-1/4-T (SF) CW				
TQ	1	576-01392-7232	1-1/4-T X 1-1/4-T (SF) CW				

**NOTE: FOR MIXED PORTING IN THE BEARING CARRIER REFER TO THE P197 SERIES CODES.**

PERMCO MODEL: 360

BEARING CARRIER SMALL PARTS

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
**	4	921-01380	360 BUSHING

\*\* All bearing carriers except those listed below.

B	4	921-01380	360 BUSHING
B	1	565-01270	7/8" ORB PLUG,HOLLOW HEX
C	4	921-01380	360 BUSHING
C	1	565-01270	7/8" ORB PLUG,HOLLOW HEX

PERMCO MODEL: 360

Connecting Shaft

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
1	1	022-01393	360 CONNECTOR SHAFT

**PLASTIC PLUGS**

NPT & BSPP	
Port size	Part#
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

**JIC**

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 & metric 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 #	Bolt Length	Qty.
1/2"	W1-58	4-1/2"	4
3/4"	W1-58	4-1/2"	4
1"	W1-14	5"	4
1-1/4"	W1-14	5"	4
1-1/2"	W1-78	5-1/2"	4
1-3/4"	W1-78	5-1/2"	4
2"	W1-65	6"	4
2-1/4"	W1-65	6"	4
2-1/2"	W1-89	6-1/2"	4

Washer #	W033-2	Qty.	4
----------	--------	------	---

**Shaft Protectors**

SP-1000-3	1"Dia.	Qty.	1
SP-1000-4	1-1/4" Splined & 1-1/8"Dia	Qty.	1
SP-1000-5	1-1/4" Dia Keyed	Qty.	1

**Shaft Protectors  
for extended studs**

SP-1000-7	Qty.	2
-----------	------	---

**FASTENERS FOR DOUBLE UNITS**

	Flush	Extended
<b>Dual Section</b>	9.0	11.0
<b>Triple Section</b>	13.5	15.5
<b>Quad Section</b>	18.0	20.0
<b>***Add total gear width + above dimension to obtain stud length.</b>		
<b>Washer #</b>	W033-2	4
<b>Nut #</b>	W3-65	4

Stud #	Description
ZD-0391-08	5/8-11 x 8"
ZD-0391-875	5/8-11 x 8.75"
ZD-0391-09	5/8-11 x 9"
ZD-0391-095	5/8-11 x 9.5"
ZD-0391-10	5/8-11 x 10"
ZD-0391-105	5/8-11 x 10.5"
ZD-0391-112	5/8-11 x 11.25"
ZD-0391-12	5/8-11 x 12"
ZD-0391-125	5/8-11 x 12.5"
ZD-0391-132	5/8-11 x 13.25"
ZD-0391-14	5/8-11 x 14"
ZD-0391-142	5/8-11 x 14.25"
ZD-0391-16	5/8-11 x 16"
ZD-0391-18	5/8-11 x 18"
ZD-0391-20	5/8-11 x 20"
ZD-0391-22	5/8-11 x 22"
ZD-0391-24	5/8-11 x 24"
ZD-0391-26	5/8-11 x 26"
ZD-0391-28	5/8-11 x 28"
ZD-0391-30	5/8-11 x 30"
ZD-0391-36	5/8-11 x 36"
ZD-0391-40	5/8-11 x 40"