

* * 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 SERIES ARE INCLUDED:

1500 197 2100 257 2500 3000 3100 3700 5000 5100 **7500** AND 7600.

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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BELOW IS AN EXAMPLE OF HOW TO USE THIS CATALOG:

SINGLE ASSEMBLY CODE: P7500A079AHNP20-6

TANDEM ASSEMBLY CODE: P7500B079AHNP20-6BNI12-1

P DENOTES PUMP (M DENOTES MOTOR)

7500 SERIES

A B OR C MODEL TYPE (A-SINGLE B-TANDEM C-SPECIAL DRIVE SHAFT)

079 SHAFT END COVER

AH PORT END COVER

NP20 GEAR HOUSING (FIRST)

6 DRIVE SHAFT

B BEARING CARRIER

NI12 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	27	30
SIZE IN INCHES:	1/2	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4	2-1/2	2-3/4	3

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.

 * * * * *
 * 7500 SERIES *
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SERIES IDENTIFICATION

STUD HOLES - 8 AT 11/16 DIAMETER
 STUD DIA. - 5/8 IN.
 ONE-PIECE DRIVE SHAFT AND GEAR (INTEGRAL)
 HOUSING HEIGHT - 7-7/8 INCHES
 HOUSING WIDTH - GEAR SIZE + 1 INCH
BOLT TORQUE - 200 FT-LBS

GEAR WIDTHS AVAILABLE

3/4 1 1-1/4 1-1/2 1-3/4 2 2-1/4 2-1/2 2-3/4 AND 3 IN.

SHAFT END COVERS

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

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

DRIVE SHAFTS

C - DENOTES SPECIAL SEPARATE DRIVE SHAFT. (REFER TO CODING ILLUSTRATION ON INTRODUCTORY PAGES). THESE CODES MUST BE USED IN CONJUNCTION WITH SHAFT END COVERS WHICH CONTAIN OUTBOARD BEARINGS.

GEARS

1. CODES MARKED ^ ARE GEARS FOR SINGLE UNIT APPLICATIONS.
2. CODES MARKED ~ ARE GEARS FOR HEAVY DUTY APPLICATIONS.

HOUSINGS

1. CODES MARKED ' ARE FOR LOW PRESSURE INLET PORT ONLY.
2. CODES MARKED + ARE GOOD FOR PRESSURES UP TO 2000 PSI. APPLIES TO SMALLEST PORT.
3. NPT THREADS ARE NOT RECOMMENDED FOR USE AT PRESSURES EXCEEDING 2000 PSI.
4. JIC PORTS ARE RECOMMENDED FOR USE AT PRESSURES UP TO 2500 PSI.
FOR HIGHER PRESSURES CONSULT FACTORY.
5. SPLIT FLANGE PORTS ARE RECOMMENDED FOR PRESSURES ABOVE 2500 PSI.
CONSULT FACTORY FOR CORRECT PORTING.

BEARING CARRIERS

FOR MULTIPLE MOTORS USE A AA BB LL OR MM CODES. DO NOT USE IN PUMPS.

BEARING CARRIER FLOW

FLOW THROUGH BEARING CARRIER (EXAMPLE: FEEDING REAR SECTION OF PUMP FROM FRONT GEAR HOUSING) MUST NOT EXCEED 35 GPM. UNDER NO CIRCUMSTANCE SHOULD SUCTION FLOW EXCEED A SPEED OF OVER 8 FPS.

PERMCO MODEL: 7500

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	RA-0574-3	CW 4 BOLT SAE B
033	1	DA-0574-5D	4 BOLT SPECIAL TYPE 1 CW
067	1	SA-0574-3	CW 4 BOLT SAE C
079	1	TA-0574-3	CW 4 BOLT SAE D
087	1	UA-0574-3	CW 2 BOLT SAE C
131	1	RA-0574-3	CCW 4 BOLT SAE B
167	1	SA-0574-3	CCW 4 BOLT SAE C
179	1	TA-0574-3	CCW 4 BOLT SAE D
187	1	UA-0574-3	CCW 2 BOLT SAE C
231	1	RA-0574-3	DR 4 BOLT SAE B
267	1	SA-0574-3	DR 4 BOLT SAE C
279	1	TA-0574-3	DR 4 BOLT SAE D
287	1	UA-0574-3	DR 2 BOLT SAE C
331	1	RA-0574-3	CW 4 BOLT SAE B
367	1	SA-0574-3	CW 4 BOLT SAE C
379	1	TA-0574-3	CW 4 BOLT SAE D
387	1	UA-0574-3	CW 2 BOLT SAE C
431	1	RA-0574-3	CCW 4 BOLT SAE B
467	1	SA-0574-3	CCW 4 BOLT SAE C
479	1	TA-0574-3	CCW 4 BOLT SAE D
487	1	UA-0574-3	CCW 2 BOLT SAE C
531	1	RA-0574-3	DR 4 BOLT SAE B
567	1	SA-0574-3	DR 4 BOLT SAE C
579	1	TA-0574-3	DR 4 BOLT SAE D
587	1	UA-0574-3	DR 2 BOLT SAE C
731	1	RA-0574-4	DR 4 BOLT SAE B
767	1	SA-0574-4	DR 4 BOLT SAE C
779	1	TA-0574-4	DR 4 BOLT SAE D
787	1	UA-0574-4	DR 2 BOLT SAE C
831	1	RA-0574-4	DR 4 BOLT SAE B
867	1	SA-0574-4	DR 4 BOLT SAE C
879	1	TA-0574-4	DR 4 BOLT SAE D
887	1	UA-0574-4	DR 2 BOLT SAE C

PERMCO MODEL: 7500

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	K-2995-164	O'RING	167	1	QZ-0961	SEAL RETAINER
031	2	Q-0921	CROWNED ROLLER BRGN	167	1	S-0280	PLUG
031	1	QZ-0961	SEAL RETAINER	167	1	UA-0558	BEARING SPACER
031	1	S-0280	PLUG	167	1	VA-0558-1XS	RING SEAL
031	1	UA-0558	BEARING SPACER	167	1	W62-26-10	DOUBLE LIP SEAL
031	1	VA-0558-1XS	RING SEAL	167	1	W85-315	RETAINER RING
031	1	W62-26-10	DOUBLE LIP SEAL				
031	1	W85-315	RETAINER RING	179	2	K-2995-164	O'RING
				179	2	Q-0921	CROWNED ROLLER BRGN
067	2	K-2995-164	O'RING	179	1	QZ-0961	SEAL RETAINER
067	2	Q-0921	CROWNED ROLLER BRGN	179	1	S-0280	PLUG
067	1	QZ-0961	SEAL RETAINER	179	1	UA-0558	BEARING SPACER
067	1	S-0280	PLUG	179	1	VA-0558-1XS	RING SEAL
067	1	UA-0558	BEARING SPACER	179	1	W62-26-10	DOUBLE LIP SEAL
067	1	VA-0558-1XS	RING SEAL	179	1	W85-315	RETAINER RING
067	1	W62-26-10	DOUBLE LIP SEAL				
067	1	W85-315	RETAINER RING	187	2	K-2995-164	O'RING
				187	2	Q-0921	CROWNED ROLLER BRGN
079	2	K-2995-164	O'RING	187	1	QZ-0961	SEAL RETAINER
079	2	Q-0921	CROWNED ROLLER BRGN	187	1	S-0280	PLUG
079	1	QZ-0961	SEAL RETAINER	187	1	UA-0558	BEARING SPACER
079	1	S-0280	PLUG	187	1	VA-0558-1XS	RING SEAL
079	1	UA-0558	BEARING SPACER	187	1	W62-26-10	DOUBLE LIP SEAL
079	1	VA-0558-1XS	RING SEAL	187	1	W85-315	RETAINER RING
079	1	W62-26-10	DOUBLE LIP SEAL				
079	1	W85-315	RETAINER RING	231	2	K-2995-164	O'RING
				231	2	L-0280-K	CHECK VALVE ASSY
087	2	K-2995-164	O'RING	231	2	Q-0921	CROWNED ROLLER BRGN
087	2	Q-0921	CROWNED ROLLER BRGN	231	1	QZ-0961	SEAL RETAINER
087	1	QZ-0961	SEAL RETAINER	231	1	UA-0558	BEARING SPACER
087	1	S-0280	PLUG	231	1	VA-0558-1XS	RING SEAL
087	1	UA-0558	BEARING SPACER	231	1	W62-26-10	DOUBLE LIP SEAL
087	1	VA-0558-1XS	RING SEAL	231	1	W85-315	RETAINER RING
087	1	W62-26-10	DOUBLE LIP SEAL				
087	1	W85-315	RETAINER RING	267	2	K-2995-164	O'RING
				267	2	L-0280-K	CHECK VALVE ASSY
131	2	K-2995-164	O'RING	267	2	Q-0921	CROWNED ROLLER BRGN
131	2	Q-0921	CROWNED ROLLER BRGN	267	1	QZ-0961	SEAL RETAINER
131	1	QZ-0961	SEAL RETAINER	267	1	UA-0558	BEARING SPACER
131	1	S-0280	PLUG	267	1	VA-0558-1XS	RING SEAL
131	1	UA-0558	BEARING SPACER	267	1	W62-26-10	DOUBLE LIP SEAL
131	1	VA-0558-1XS	RING SEAL	267	1	W85-315	RETAINER RING
131	1	W62-26-10	DOUBLE LIP SEAL				
131	1	W85-315	RETAINER RING	279	2	K-2995-164	O'RING
				279	2	L-0280-K	CHECK VALVE ASSY
167	2	K-2995-164	O'RING	279	2	Q-0921	CROWNED ROLLER BRGN
167	2	Q-0921	CROWNED ROLLER BRGN	279	1	QZ-0961	SEAL RETAINER

PERMCO MODEL: 7500

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>
279	1	UA-0558	BEARING SPACER	387	1	W62-26-10	DOUBLE LIP SEAL
279	1	VA-0558-1XS	RING SEAL	387	1	W85-315	RETAINER RING
279	1	W62-26-10	DOUBLE LIP SEAL				
279	1	W85-315	RETAINER RING	431	2	K-2995-164	O'RING
				431	2	Q-0921	CROWNED ROLLER BRGN
287	2	K-2995-164	O'RING	431	1	QZ-0961	SEAL RETAINER
287	2	L-0280-K	CHECK VALVE ASSY	431	1	S-0280	PLUG
287	2	Q-0921	CROWNED ROLLER BRGN	431	1	VA-0558-1XS	RING SEAL
287	1	QZ-0961	SEAL RETAINER	431	1	W58-48	BALL BEARING
287	1	UA-0558	BEARING SPACER	431	1	W62-26-10	DOUBLE LIP SEAL
287	1	VA-0558-1XS	RING SEAL	431	1	W85-315	RETAINER RING
287	1	W62-26-10	DOUBLE LIP SEAL				
287	1	W85-315	RETAINER RING	467	2	K-2995-164	O'RING
				467	2	Q-0921	CROWNED ROLLER BRGN
331	2	K-2995-164	O'RING	467	1	QZ-0961	SEAL RETAINER
331	2	Q-0921	CROWNED ROLLER BRGN	467	1	S-0280	PLUG
331	1	QZ-0961	SEAL RETAINER	467	1	VA-0558-1XS	RING SEAL
331	1	S-0280	PLUG	467	1	W58-48	BALL BEARING
331	1	VA-0558-1XS	RING SEAL	467	1	W62-26-10	DOUBLE LIP SEAL
331	1	W58-48	BALL BEARING	467	1	W85-315	RETAINER RING
331	1	W62-26-10	DOUBLE LIP SEAL				
331	1	W85-315	RETAINER RING	479	2	K-2995-164	O'RING
				479	2	Q-0921	CROWNED ROLLER BRGN
367	2	K-2995-164	O'RING	479	1	QZ-0961	SEAL RETAINER
367	2	Q-0921	CROWNED ROLLER BRGN	479	1	S-0280	PLUG
367	1	QZ-0961	SEAL RETAINER	479	1	VA-0558-1XS	RING SEAL
367	1	S-0280	PLUG	479	1	W58-48	BALL BEARING
367	1	VA-0558-1XS	RING SEAL	479	1	W62-26-10	DOUBLE LIP SEAL
367	1	W58-48	BALL BEARING	479	1	W85-315	RETAINER RING
367	1	W62-26-10	DOUBLE LIP SEAL				
367	1	W85-315	RETAINER RING	487	2	K-2995-164	O'RING
				487	2	Q-0921	CROWNED ROLLER BRGN
379	2	K-2995-164	O'RING	487	1	QZ-0961	SEAL RETAINER
379	2	Q-0921	CROWNED ROLLER BRGN	487	1	S-0280	PLUG
379	1	QZ-0961	SEAL RETAINER	487	1	VA-0558-1XS	RING SEAL
379	1	S-0280	PLUG	487	1	W58-48	BALL BEARING
379	1	VA-0558-1XS	RING SEAL	487	1	W62-26-10	DOUBLE LIP SEAL
379	1	W58-48	BALL BEARING	487	1	W85-315	RETAINER RING
379	1	W62-26-10	DOUBLE LIP SEAL				
379	1	W85-315	RETAINER RING	531	2	K-2995-164	O'RING
				531	2	L-0280-K	CHECK VALVE ASSY
387	2	K-2995-164	O'RING	531	2	Q-0921	CROWNED ROLLER BRGN
387	2	Q-0921	CROWNED ROLLER BRGN	531	1	QZ-0961	SEAL RETAINER
387	1	QZ-0961	SEAL RETAINER	531	1	VA-0558-1XS	RING SEAL
387	1	S-0280	PLUG	531	1	W58-48	BALL BEARING
387	1	VA-0558-1XS	RING SEAL	531	1	W62-26-10	DOUBLE LIP SEAL
387	1	W58-48	BALL BEARING	531	1	W85-315	RETAINER RING

PERMCO MODEL: 7500

SHAFT END COVER SMALL PARTS

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
567	2	K-2995-164	O'RING	779	2	K-2995-164	O'RING
567	2	L-0280-K	CHECK VALVE ASSY	779	2	L-0280-K	CHECK VALVE ASSY
567	2	Q-0921	CROWNED ROLLER BRGN	779	2	Q-0921	CROWNED ROLLER BRGN
567	1	QZ-0961	SEAL RETAINER	779	1	QZ-0961	SEAL RETAINER
567	1	VA-0558-1XS	RING SEAL	779	1	VA-0558-1XS	RING SEAL
567	1	W58-48	BALL BEARING	779	1	W0-00	PIPE PLUG
567	1	W62-26-10	DOUBLE LIP SEAL	779	1	W58-48	BALL BEARING
567	1	W85-315	RETAINER RING	779	1	W62-49-1	3700 7500 HP SEAL
				779	1	W85-315	RETAINER RING
579	2	K-2995-164	O'RING				
579	2	L-0280-K	CHECK VALVE ASSY	787	2	K-2995-164	O'RING
579	2	Q-0921	CROWNED ROLLER BRGN	787	2	L-0280-K	CHECK VALVE ASSY
579	1	QZ-0961	SEAL RETAINER	787	2	Q-0921	CROWNED ROLLER BRGN
579	1	VA-0558-1XS	RING SEAL	787	1	QZ-0961	7500 SEAL RETAINER
579	1	W58-48	BALL BEARING	787	1	VA-0558-1XS	RING SEAL
579	1	W62-26-10	DOUBLE LIP SEAL	787	1	W0-00	PIPE PLUG
579	1	W85-315	RETAINER RING	787	1	W58-48	BALL BEARING
				787	1	W62-49-1	HP SEAL
				787	1	W85-315	RETAINER RING
587	2	K-2995-164	O'RING	787	1	W85-315	RETAINER RING
587	2	L-0280-K	CHECK VALVE ASSY				
587	2	Q-0921	CROWNED ROLLER BRGN	831	2	K-2995-164	O'RING
587	1	QZ-0961	SEAL RETAINER	831	2	L-0280-K	CHECK VALVE ASSY
587	1	VA-0558-1XS	RING SEAL	831	2	Q-0921	CROWNED ROLLER BRGN
587	1	W58-48	BALL BEARING	831	1	QZ-0961	SEAL RETAINER
587	1	W62-26-10	DOUBLE LIP SEAL	831	1	UA-0558	BEARING SPACER
587	1	W85-315	RETAINER RING	831	1	VA-0558-1XS	RING SEAL
				831	1	W0-00	PIPE PLUG
				831	1	W62-49-1	HP SEAL
				831	1	W85-315	RETAINER RING
731	2	K-2995-164	O'RING	831	1	W85-315	RETAINER RING
731	2	L-0280-K	CHECK VALVE ASSY				
731	2	Q-0921	CROWNED ROLLER BRGN				
731	1	QZ-0961	SEAL RETAINER	867	2	K-2995-164	O'RING
731	1	VA-0558-1XS	RING SEAL	867	2	L-0280-K	CHECK VALVE ASSY
731	1	W0-00	PIPE PLUG	867	2	Q-0921	CROWNED ROLLER BRGN
731	1	W58-48	BALL BEARING	867	1	QZ-0961	SEAL RETAINER
731	1	W62-49-1	HP SEAL	867	1	UA-0558	BEARING SPACER
731	1	W85-315	RETAINER RING	867	1	VA-0558-1XS	RING SEAL
				867	1	W0-00	PIPE PLUG
				867	1	W62-49-1	HP SEAL
				867	1	W85-315	RETAINER RING
767	2	K-2995-164	O'RING				
767	2	L-0280-K	CHECK VALVE ASSY	867	2	K-2995-164	O'RING
767	2	Q-0921	CROWNED ROLLER BRGN	867	2	L-0280-K	CHECK VALVE ASSY
767	1	QZ-0961	SEAL RETAINER	879	2	Q-0921	CROWNED ROLLER BRGN
767	1	VA-0558-1XS	RING SEAL	879	2	QZ-0961	SEAL RETAINER
767	1	W0-00	PIPE PLUG	879	2	VA-0558-1XS	RING SEAL
767	1	W58-48	BALL BEARING	879	2	W0-00	PIPE PLUG
767	1	W62-49-1	HP SEAL	879	1	QZ-0961	SEAL RETAINER
767	1	W85-315	RETAINER RING	879	1	UA-0558	BEARING SPACER
				879	1	VA-0558-1XS	RING SEAL
				879	1	W0-00	PIPE PLUG

PERMCO MODEL: 7500**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>
879	1	W62-49-1	HP SEAL
879	1	W85-315	RETAINER RING
887	2	K-2995-164	O'RING
887	2	L-0280-K	CHECK VALVE ASSY
887	2	Q-0921	CROWNED ROLLER BRGN
887	1	QZ-0961	SEAL RETAINER
887	1	UA-0558	BEARING SPACER
887	1	VA-0558-1XS	RING SEAL
887	1	W0-00	PIPE PLUG
887	1	W62-49-1	HP SEAL
887	1	W85-315	RETAINER RING

ALL DRY VALVE PUMPS REQUIRE DRY VALVE RING SEALS

1	VA-0558-DV	DRY VALVE RING SEAL
1	W62-49-1	HP SEAL (INTEGRAL)
1	W62-26-10	CONT. SHAFT SEAL

TELL-TALE BREAKDOWN

2	W62-26-10	DOUBLE LIP SEAL
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PERMCO MODEL: 7500**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>
AD	1	XZ-0592	BLANK & BLANK SINGLE
AH	1	XZ-0592	BLANK & BLANK MULT
AX	1	XZ-0592	BLANK & BLANK MULT XSD
BD	1	XZ-0592-57	3/4JIC-L-REAR & BLANK SINGLE
BH	1	XZ-0592-57	3/4JIC-L-REAR & BLANK MULT
BX	1	XZ-0592-57	3/4JIC-L-REAR & BLANK MULT XSD
CD	1	XZ-0592-79	BLANK & 3/4JIC-R-REAR SINGLE
CH	1	XZ-0592-79	BLANK & 3/4JIC-R-REAR MULT
CX	1	XZ-0592-79	BLANK & 3/4JIC-R-REAR MULT XSD
ID	1	XZ-0592-64	1 JIC & 1 JIC SINGLE
IH	1	XZ-0592-64	1 JIC & 1 JIC MULT
IX	1	XZ-0592-64	1 JIC & 1 JIC MULT XSD
JN	1	RB-0574-24	CW 7500/7500-5000-3000 PB
KN	1	RB-0574-24	CCW 7500/7500-5000-3000 PB
LN	1	RB-0574-24	DR 7500/7500-5000-3000 PB

PERMCO MODEL: 7500**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	Q-0921	CROWNED ROLLER BRNG
	1	VA-0558-1XS	RING SEAL
	1	Z-1967-45-2	PERMCO NAME TAG
JN	1	K-2995-159	O'RING
JN	2	Q-0921	CROWNED ROLLER BRGN
JN	1	S-0280	PLUG
JN	1	VA-0558-1XS	RING SEAL
JN	2	W1-24	CAP SCREW
JN	2	W2-4	LOCK WASHER
JN	1	W62-26-17	DOUBLE LIP SEAL
JN	1	Z-1967-45-2	PERMCO NAME TAG
KN	1	K-2995-159	O'RING
KN	2	Q-0921	CROWNED ROLLER BRGN
KN	1	S-0280	PLUG
KN	1	VA-0558-1XS	RING SEAL
KN	2	W1-24	CAP SCREW
KN	2	W2-4	LOCK WASHER
KN	1	W62-26-17	DOUBLE LIP SEAL
KN	1	Z-1967-45-2	PERMCO NAME TAG
LN	1	K-2995-159	O'RING
LN	2	L-0280-K	CHECK VALVE ASSY
LN	2	Q-0921	CROWNED ROLLER BRGN
LN	1	VA-0558-1XS	RING SEAL
LN	2	W1-24	CAP SCREW
LN	2	W2-4	LOCK WASHER
LN	1	W62-26-17	DOUBLE LIP SEAL
LN	1	Z-1967-45-2	PERMCO NAME TAG

ALL DRY VALVE PUMPS REQUIRE DRY VALVE RING SEALS

1	VA-0558-DV	DRY VALVE RING SEALS
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PERMCO MODEL: 7500

Housings

CODE	QTY	PART NUMBER	DESCRIPTION		CODE	QTY	PART NUMBER	DESCRIPTION	
DB07	1	RZ-0577-07-57	3/4 JIC	& BLANK	NB15	1	RZ-0577-15-32	1 SF	& BLANK
DB10	1	RZ-0577-10-57	3/4 JIC	& BLANK	NB17	1	RZ-0577-17-32	1 SF	& BLANK
DB12	1	RZ-0577-12-57	3/4 JIC	& BLANK	NB20	1	RZ-0577-20-32	1 SF	& BLANK
DB15	1	RZ-0577-15-57	3/4 JIC	& BLANK	NC10	1	RZ-0577-10-32	BLANK	& 1 SF
DC07	1	RZ-0577-07-57	BLANK	& 3/4 JIC	NC12	1	RZ-0577-12-32	BLANK	& 1 SF
DC10	1	RZ-0577-10-57	BLANK	& 3/4 JIC	NC15	1	RZ-0577-15-32	BLANK	& 1 SF
DC12	1	RZ-0577-12-57	BLANK	& 3/4 JIC	NC17	1	RZ-0577-17-32	BLANK	& 1 SF
DC15	1	RZ-0577-15-57	BLANK	& 3/4 JIC	NC20	1	RZ-0577-20-32	BLANK	& 1 SF
DF07	1	RZ-0577-07-71	3/4 JIC	& 1 JIC	ND17	1	RZ-0577-17-39	1 1/2 SF	& BLANK
DF10	1	RZ-0577-10-71	3/4 JIC	& 1 JIC	ND20	1	RZ-0577-20-39	1 1/2 SF	& BLANK
DF12	1	RZ-0577-12-71	3/4 JIC	& 1 JIC	ND22	1	RZ-0577-22-39	1 1/2 SF	& BLANK
DF15	1	RZ-0577-15-71	3/4 JIC	& 1 JIC	ND25	1	RZ-0577-25-39	1 1/2 SF	& BLANK
DG10	1	RZ-0577-10-73	3/4 JIC	& 1 1/4 JIC	ND27	1	RZ-0577-27-39	1 1/2 SF	& BLANK
DI07	1	RZ-0577-07-71	1 JIC	& 3/4 JIC	ND30	1	RZ-0577-30-39	1 1/2 SF	& BLANK
DI10	1	RZ-0577-10-71	1 JIC	& 3/4 JIC	NE10	1	RZ-0577-10-33	1 SF	& 1 SF
DI12	1	RZ-0577-12-71	1 JIC	& 3/4 JIC	NE12	1	RZ-0577-12-33	1 SF	& 1 SF
DI15	1	RZ-0577-15-71	1 JIC	& 3/4 JIC	NE15	1	RZ-0577-15-33	1 SF	& 1 SF
DJ10	1	RZ-0577-10-73	1 1/4 JIC	& 3/4 JIC	NE17	1	RZ-0577-17-33	1 SF	& 1 SF
HB07	1	RZ-0577-07-1	3/4 NPT	& BLANK	NE20	1	RZ-0577-20-33	1 SF	& 1 SF
HB10	1	RZ-0577-10-1	3/4 NPT	& BLANK	NE22	1	RZ-0577-22-33	1 SF	& 1 SF
HB12	1	RZ-0577-12-1	3/4 NPT	& BLANK	NE25	1	RZ-0577-25-33	1 SF	& 1 SF
HB15	1	RZ-0577-15-1	3/4 NPT	& BLANK	NE27	1	RZ-0577-27-33	1 SF	& 1 SF
HC07	1	RZ-0577-07-1	BLANK	& 3/4 NPT	NE30	1	RZ-0577-30-33	1 SF	& 1 SF
HC10	1	RZ-0577-10-1	BLANK	& 3/4 NPT	NF10	1	RZ-0577-10-34	1 SF	& 1 1/4 SF
HC12	1	RZ-0577-12-1	BLANK	& 3/4 NPT	NF12	1	RZ-0577-12-34	1 SF	& 1 1/4 SF
HC15	1	RZ-0577-15-1	BLANK	& 3/4 NPT	NF15	1	RZ-0577-15-34	1 SF	& 1 1/4 SF
HF10	1	RZ-0577-10-3	3/4 NPT	& 1 NPT	NF17	1	RZ-0577-17-34	1 SF	& 1 1/4 SF
HF12	1	RZ-0577-12-3	3/4 NPT	& 1 NPT	NF20	1	RZ-0577-20-34	1 SF	& 1 1/4 SF
HF15	1	RZ-0577-15-3	3/4 NPT	& 1 NPT	NF22	1	RZ-0577-22-34	1 SF	& 1 1/4 SF
HI10	1	RZ-0577-10-3	1 NPT	& 3/4 NPT	NF25	1	RZ-0577-25-34	1 SF	& 1 1/4 SF
HI12	1	RZ-0577-12-3	1 NPT	& 3/4 NPT	NG12	1	RZ-0577-12-44	1 SF	& 1 1/2 SF
HI15	1	RZ-0577-15-3	1 NPT	& 3/4 NPT	NG15	1	RZ-0577-15-44	1 SF	& 1 1/2 SF
NA12	1	RZ-0577-12-35	BLANK	& 1 1/4 SF	NG17	1	RZ-0577-17-44	1 SF	& 1 1/2 SF
NA15	1	RZ-0577-15-35	BLANK	& 1 1/4 SF	NI10	1	RZ-0577-10-34	1 1/4 SF	& 1 SF
NA17	1	RZ-0577-17-35	BLANK	& 1 1/4 SF	NI12	1	RZ-0577-12-34	1 1/4 SF	& 1 SF
NA20	1	RZ-0577-20-35	BLANK	& 1 1/4 SF	NI15	1	RZ-0577-15-34	1 1/4 SF	& 1 SF
NA22	1	RZ-0577-22-35	BLANK	& 1 1/4 SF	NI17	1	RZ-0577-17-34	1 1/4 SF	& 1 SF
NA25	1	RZ-0577-25-35	BLANK	& 1 1/4 SF	NI20	1	RZ-0577-20-34	1 1/4 SF	& 1 SF
NB10	1	RZ-0577-10-32	1 SF	& BLANK	NI22	1	RZ-0577-22-34	1 1/4 SF	& 1 SF
NB12	1	RZ-0577-12-32	1 SF	& BLANK	NI25	1	RZ-0577-25-34	1 1/4 SF	& 1 SF

PERMCO MODEL: 7500

Housings

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	
NJ12	'	1 RZ-0577-12-44	1	1/2 SF & 1 SF	NQ15	+ + 1	RZ-0577-15-40	1	1/2 SF & 1 1/2 SF
NJ15	'	1 RZ-0577-15-44	1	1/2 SF & 1 SF	NQ17	+ + 1	RZ-0577-17-40	1	1/2 SF & 1 1/2 SF
NJ17	'	1 RZ-0577-17-44	1	1/2 SF & 1 SF	NQ20	'	1 RZ-0577-20-40	1	1/2 SF & 1 1/2 SF
NK10	+ + 1	RZ-0577-10-36	1	1/4 SF & 1 1/4 SF	NQ22	'	1 RZ-0577-22-40	1	1/2 SF & 1 1/2 SF
NK12	'	1 RZ-0577-12-36	1	1/4 SF & 1 1/4 SF	NQ25	'	1 RZ-0577-25-40	1	1/2 SF & 1 1/2 SF
NK15	'	1 RZ-0577-15-36	1	1/4 SF & 1 1/4 SF	NQ27	'	1 RZ-0577-27-40	1	1/2 SF & 1 1/2 SF
NK17	'	1 RZ-0577-17-36	1	1/4 SF & 1 1/4 SF	NQ30	'	1 RZ-0577-30-40	1	1/2 SF & 1 1/2 SF
NK20	'	1 RZ-0577-20-36	1	1/4 SF & 1 1/4 SF	NR15	+ ' 1	RZ-0577-15-41	1	1/2 SF & 2 SF
NK22	'	1 RZ-0577-22-36	1	1/4 SF & 1 1/4 SF	NR17	+ ' 1	RZ-0577-17-41	1	1/2 SF & 2 SF
NK25	'	1 RZ-0577-25-36	1	1/4 SF & 1 1/4 SF	NR20	'	1 RZ-0577-20-41	1	1/2 SF & 2 SF
NK27	'	1 RZ-0577-27-36	1	1/4 SF & 1 1/4 SF	NR22	'	1 RZ-0577-22-41	1	1/2 SF & 2 SF
NK30	'	1 RZ-0577-30-36	1	1/4 SF & 1 1/4 SF	NR25	'	1 RZ-0577-25-41	1	1/2 SF & 2 SF
NL12	'	1 RZ-0577-12-38	1	1/4 SF & 1 1/2 SF	NR27	'	1 RZ-0577-27-41	1	1/2 SF & 2 SF
NL15	'	1 RZ-0577-15-38	1	1/4 SF & 1 1/2 SF	NR30	'	1 RZ-0577-30-41	1	1/2 SF & 2 SF
NL17	'	1 RZ-0577-17-38	1	1/4 SF & 1 1/2 SF	NS25	'	1 RZ-0577-25-47	1	1/2 SF & 2 1/2 SF
NL20	'	1 RZ-0577-20-38	1	1/4 SF & 1 1/2 SF	NS27	'	1 RZ-0577-27-47	1	1/2 SF & 2 1/2 SF
NL22	'	1 RZ-0577-22-38	1	1/4 SF & 1 1/2 SF	NS30	'	1 RZ-0577-30-47	1	1/2 SF & 2 1/2 SF
NL25	'	1 RZ-0577-25-38	1	1/4 SF & 1 1/2 SF	NT17	'	1 RZ-0577-17-39	BLANK	& 1 1/2 SF
NL27	'	1 RZ-0577-27-38	1	1/4 SF & 1 1/2 SF	NT20	'	1 RZ-0577-20-39	BLANK	& 1 1/2 SF
NL30	'	1 RZ-0577-30-38	1	1/4 SF & 1 1/2 SF	NT22	'	1 RZ-0577-22-39	BLANK	& 1 1/2 SF
NM17	'	1 RZ-0577-17-45	1	1/4 SF & 2 SF	NT25	'	1 RZ-0577-25-39	BLANK	& 1 1/2 SF
NM20	'	1 RZ-0577-20-45	1	1/4 SF & 2 SF	NT27	'	1 RZ-0577-27-39	BLANK	& 1 1/2 SF
NM22	'	1 RZ-0577-22-45	1	1/4 SF & 2 SF	NT30	'	1 RZ-0577-30-39	BLANK	& 1 1/2 SF
NM25	'	1 RZ-0577-25-45	1	1/4 SF & 2 SF	NU15	' + 1	RZ-0577-15-41	2 SF	& 1 1/2 SF
NM27	'	1 RZ-0577-27-45	1	1/4 SF & 2 SF	NU17	' + 1	RZ-0577-17-41	2 SF	& 1 1/2 SF
NM30	'	1 RZ-0577-30-45	1	1/4 SF & 2 SF	NU20	'	1 RZ-0577-20-41	2 SF	& 1 1/2 SF
NO12	'	1 RZ-0577-12-38	1	1/2 SF & 1 1/4 SF	NU22	'	1 RZ-0577-22-41	2 SF	& 1 1/2 SF
NO15	'	1 RZ-0577-15-38	1	1/2 SF & 1 1/4 SF	NU25	'	1 RZ-0577-25-41	2 SF	& 1 1/2 SF
NO17	'	1 RZ-0577-17-38	1	1/2 SF & 1 1/4 SF	NU27	'	1 RZ-0577-27-41	2 SF	& 1 1/2 SF
NO20	'	1 RZ-0577-20-38	1	1/2 SF & 1 1/4 SF	NU30	'	1 RZ-0577-30-41	2 SF	& 1 1/2 SF
NO22	'	1 RZ-0577-22-38	1	1/2 SF & 1 1/4 SF	NV25	'	1 RZ-0577-25-47	2 1/2 SF	& 1 1/2 SF
NO25	'	1 RZ-0577-25-38	1	1/2 SF & 1 1/4 SF	NV27	'	1 RZ-0577-27-47	2 1/2 SF	& 1 1/2 SF
NO27	'	1 RZ-0577-27-38	1	1/2 SF & 1 1/4 SF	NV30	'	1 RZ-0577-30-47	2 1/2 SF	& 1 1/2 SF
NO30	'	1 RZ-0577-30-38	1	1/2 SF & 1 1/4 SF	NW25	'	1 RZ-0577-25-43	2 SF	& 2 SF
NP17	'	1 RZ-0577-17-45	2 SF	& 1 1/4 SF	NW27	'	1 RZ-0577-27-43	2 SF	& 2 SF
NP20	'	1 RZ-0577-20-45	2 SF	& 1 1/4 SF	NW30	'	1 RZ-0577-30-43	2 SF	& 2 SF
NP22	'	1 RZ-0577-22-45	2 SF	& 1 1/4 SF	NX30	'	1 RZ-0577-30-46	2 SF	& 2 1/2 SF
NP25	'	1 RZ-0577-25-45	2 SF	& 1 1/4 SF	NY30	'	1 RZ-0577-30-46	2 1/2 SF	& 2 SF
NP27	'	1 RZ-0577-27-45	2 SF	& 1 1/4 SF	NZ12	'	1 RZ-0577-12-35	1 1/4 SF	& BLANK
NP30	'	1 RZ-0577-30-45	2 SF	& 1 1/4 SF	NZ15	'	1 RZ-0577-15-35	1 1/4 SF	& BLANK

PERMCO MODEL: 7500

Housings

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
NZ17	1	RZ-0577-17-35	1 1/4 SF & BLANK	TI17	1	RZ-0577-17-31	1 SF & 3/4 SF
NZ20	1	RZ-0577-20-35	1 1/4 SF & BLANK	TI20	1	RZ-0577-20-31	1 SF & 3/4 SF
NZ22	1	RZ-0577-22-35	1 1/4 SF & BLANK	TM25	1	RZ-0577-25-23	2-1/2 SF X 1-1/4 SF
NZ25	1	RZ-0577-25-35	1 1/4 SF & BLANK	TP17	1	RZ-0577-17-42	2 SF X 1 SF
TA17	1	RZ-0577-17-42	1 SF X 2 SF	TP20	1	RZ-0577-20-42	2 SF X 1 SF
TA20	1	RZ-0577-20-42	1 SF X 2 SF	TP22	1	RZ-0577-22-42	2 SF X 1 SF
TA22	1	RZ-0577-22-42	1 SF X 2 SF	TP25	1	RZ-0577-25-42	2 SF X 1 SF
TA25	1	RZ-0577-25-42	1 SF X 2 SF	TP27	1	RZ-0577-27-42	2 SF X 1 SF
TA27	1	RZ-0577-27-42	1 SF X 2 SF	TP30	1	RZ-0577-30-42	2 SF X 1 SF
TA30	1	RZ-0577-30-42	1 SF X 2 SF	TR25	1	RZ-0577-25-23	1-1/4 SF X 2-1/2 SF
TB07	1	RZ-0577-07-29	3/4 SF & BLANK	XB12	1	RZ-0577-12-4	1 NPT & BLANK
TB10	1	RZ-0577-10-29	3/4 SF & BLANK	XB15	1	RZ-0577-15-4	1 NPT & BLANK
TB12	1	RZ-0577-12-29	3/4 SF & BLANK	XC12	1	RZ-0577-12-4	BLANK & 1 NPT
TB15	1	RZ-0577-15-29	3/4 SF & BLANK	XC15	1	RZ-0577-15-4	BLANK & 1 NPT
TC07	1	RZ-0577-07-29	BLANK & 3/4 SF	XE10	1	RZ-0577-10-5	1 NPT & 1 NPT
TC10	1	RZ-0577-10-29	BLANK & 3/4 SF	XF12	1	RZ-0577-12-6	1 NPT & 1 1/4 NPT
TC12	1	RZ-0577-12-29	BLANK & 3/4 SF	XF15	1	RZ-0577-15-6	1 NPT & 1 1/4 NPT
TC15	1	RZ-0577-15-29	BLANK & 3/4 SF	XI12	1	RZ-0577-12-6	1 1/4 NPT & 1 NPT
TF07	1	RZ-0577-07-31	3/4 SF & 1 SF	XI15	1	RZ-0577-15-6	1 1/4 NPT & 1 NPT
TF10	1	RZ-0577-10-31	3/4 SF & 1 SF	XK12	1	RZ-0577-12-8	1 1/4 NPT & 1 1/4 NPT
TF12	1	RZ-0577-12-31	3/4 SF & 1 SF	XK15	1	RZ-0577-15-8	1 1/4 NPT & 1 1/4 NPT
TF15	1	RZ-0577-15-31	3/4 SF & 1 SF	XK17	1	RZ-0577-17-8	1 1/4 NPT & 1 1/4 NPT
TF17	1	RZ-0577-17-31	3/4 SF & 1 SF	ZA05	1	RZ-0577-05	BLANK & BLANK
TF20	1	RZ-0577-20-31	3/4 SF & 1 SF	ZA07	1	RZ-0577-07	BLANK & BLANK
TG17	1	RZ-0577-17-2	BLANK & 2 SF	ZA10	1	RZ-0577-10	BLANK & BLANK
TG20	1	RZ-0577-20-2	BLANK & 2 SF	ZA12	1	RZ-0577-12	BLANK & BLANK
TG22	1	RZ-0577-22-2	BLANK & 2 SF	ZA15	1	RZ-0577-15	BLANK & BLANK
TG25	1	RZ-0577-25-2	BLANK & 2 SF	ZA17	1	RZ-0577-17	BLANK & BLANK
TG27	1	RZ-0577-27-2	BLANK & 2 SF	ZA20	1	RZ-0577-20	BLANK & BLANK
TG30	1	RZ-0577-30-2	BLANK & 2 SF	ZA22	1	RZ-0577-22	BLANK & BLANK
TH17	1	RZ-0577-17-2	2 SF & BLANK	ZA25	1	RZ-0577-25	BLANK & BLANK
TH20	1	RZ-0577-20-2	2 SF & BLANK	ZA27	1	RZ-0577-27	BLANK & BLANK
TH22	1	RZ-0577-22-2	2 SF & BLANK	ZA30	1	RZ-0577-30	BLANK & BLANK
TH25	1	RZ-0577-25-2	2 SF & BLANK	ZB12	1	RZ-0577-12-63	1 JIC & BLANK
TH27	1	RZ-0577-27-2	2 SF & BLANK	ZB15	1	RZ-0577-15-63	1 JIC & BLANK
TH30	1	RZ-0577-30-2	2 SF & BLANK	ZC12	1	RZ-0577-12-63	BLANK & 1 JIC
TI07	1	RZ-0577-07-31	1 SF & 3/4 SF	ZC15	1	RZ-0577-15-63	BLANK & 1 JIC
TI10	1	RZ-0577-10-31	1 SF & 3/4 SF	ZE10	+ + 1	RZ-0577-10-64	1 JIC & 1 JIC
TI12	1	RZ-0577-12-31	1 SF & 3/4 SF	ZE12	1	RZ-0577-12-64	1 JIC & 1 JIC
TI15	1	RZ-0577-15-31	1 SF & 3/4 SF	ZE15	1	RZ-0577-15-64	1 JIC & 1 JIC

PERMCO MODEL: 7500

Housings

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>
ZE17	1	RZ-0577-17-64	1 JIC & 1 JIC
ZE20	1	RZ-0577-20-64	1 JIC & 1 JIC
ZF10	+ ' 1	RZ-0577-10-65	1 JIC & 1 1/4 JIC
ZF12	' 1	RZ-0577-12-65	1 JIC & 1 1/4 JIC
ZF15	' 1	RZ-0577-15-65	1 JIC & 1-1/4 JIC
ZG15	' 1	RZ-0577-15-74	1 JIC & 1 1/2 JIC
ZI10	' + 1	RZ-0577-10-65	1 1/4 JIC & 1 JIC
ZI12	' 1	RZ-0577-12-65	1 1/4 JIC & 1 JIC
ZI15	' 1	RZ-0577-15-65	1-1/4 JIC & 1 JIC
ZJ15	' 1	RZ-0577-15-74	1 1/2 JIC & 1 JIC
ZK15	+ + 1	RZ-0577-15-67	1 1/4 JIC & 1 1/4 JIC
ZK17	+ + 1	RZ-0577-17-67	1 1/4 JIC & 1 1/4 JIC
ZK20	1	RZ-0577-20-67	1 1/4 JIC & 1 1/4 JIC
ZK22	1	RZ-0577-22-67	1 1/4 JIC & 1 1/4 JIC
ZK25	1	RZ-0577-25-67	1 1/4 JIC & 1 1/4 JIC
ZK27	1	RZ-0577-27-67	1 1/4 JIC & 1 1/4 JIC
ZK30	1	RZ-0577-30-67	1 1/4 JIC & 1 1/4 JIC
ZL15	+ ' 1	RZ-0577-15-68	1 1/4 JIC & 1 1/2 JIC
ZL17	+ ' 1	RZ-0577-17-68	1 1/4 JIC & 1 1/2 JIC
ZO15	' + 1	RZ-0577-15-68	1 1/2 JIC & 1 1/4 JIC
ZO17	' + 1	RZ-0577-17-68	1 1/2 JIC & 1 1/4 JIC
ZQ17	1	RZ-0577-17-70	1 1/2 JIC & 1 1/2 JIC
ZZ30	1	RZ-0577-30-22	2 JIC & 2 JIC

PERMCO MODEL: 7500

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>
	2	AZ-0947-TC	7500 COATED THRUST PLATE
	2	TA-2995-252	SQUARE GASKET SEAL

ALL DRY VALVE PUMPS REQUIRE DRY VALVE THRUST PLATES

	2	AZ-0947-DVS	DRY VALVE THRUST PLATE
	4	280-1774-939	THRUST PLATE SEALS

WINCH MOTOR THRUST PLATES

	2	AZ-0947-W	WINCH MOTOR THRUST PLATE
	4	280-1774-939	THRUST PLATE SEAL

PERMCO MODEL: 7500

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	OZ-0995L-05	1/2	7500	GEAR SET
07	1	OZ-0995L-07	3/4	7500	GEAR SET
10	1	OZ-0995L-10	1	7500	GEAR SET
12	1	OZ-0995L-12	1-1/4	7500	GEAR SET
15	1	OZ-0995L-15	1-1/2	7500	GEAR SET
17	1	OZ-0995L-17	1-3/4	7500	GEAR SET
20	1	OZ-0995L-20	2	7500	GEAR SET
22	1	OZ-0995L-22	2-1/4	7500	GEAR SET
25	1	OZ-0995L-25	2-1/2	7500	GEAR SET
27	1	OZ-0995L-27	2-3/4	7500	GEAR SET
30	1	OZ-0995L-30	3	7500	GEAR SET

PERMCO MODEL: 7500

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>	<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 ZE-0024L-1-20	7500 G/S C KEYED 1.25 DIA	C00	1	ZK-0024	KEYED SPECIAL
00	^	1 ZE-0024L-1-22	7500 G/S C KEYED 1.25 DIA	C 6	1	ZR-0024	14T SPLINE SAE C
00	^	1 ZE-0024L-1-25	7500 G/S C KEYED 1.25 DIA	C 7	1	ZR-0024-XL	14 T SPLINED SAE C EXTRA LONG
00	*	1 ZE-0024L-3-10	7500 G/S C KEYED 1.25 DIA.	C 8	1	ZR-0024-SHD	13 T SPLINED SAE D
00	*	1 ZE-0024L-3-12	7500 G/S C KEYED 1.25 DIA.	C09	1	ZR-0024-SHD-XL	13 T SPLINED SAE D EXTRA LONG
00	*	1 ZE-0024L-3-15	7500 G/S C KEYED 1.25 DIA.				
00	*	1 ZE-0024L-3-17	7500 G/S C KEYED 1.25 DIA.				
00	*	1 ZE-0024L-3-20	7500 G/S C KEYED 1.25 DIA.				
00	*	1 ZE-0024L-3-22	7500 G/S C KEYED 1.25 DIA.				
00	*	1 ZE-0024L-3-25	7500 G/S C KEYED 1.25 DIA.				
00	*	1 ZE-0024L-3-27	7500 G/S C KEYED 1.25 DIA.				
00	*	1 ZE-0024L-3-30	7500 G/S C KEYED 1.25 DIA.				
6	^	1 MD-0024L-1-10	7500 GEAR/SHAFT SET 1				
6	^	1 MD-0024L-1-17	7500 GEAR/SHAFT SET 1-3/4				
6	^	1 MD-0024L-1-20	7500 GEAR/SHAFT SET 2				
6	^	1 MD-0024L-1-22	7500 GEAR/SHAFT SET 2-1/4				
6	^	1 MD-0024L-1-25	7500 GEAR/SHAFT SET 2-1/2				
6	^	1 MD-0024L-1-27	7500 GEAR/SHAFT SET 2-3/4				
6	^	1 MD-0024L-1-30	7500 GEAR/SHAFT SET 3				
6		1 MD-0024L-3-10	14T SPLINE SAE C				
6		1 MD-0024L-3-12	14T SPLINE SAE C				
6		1 MD-0024L-3-15	14T SPLINE SAE C				
6		1 MD-0024L-3-17	14T SPLINE SAE C				
6		1 MD-0024L-3-20	14T SPLINE SAE C				
6		1 MD-0024L-3-22	14T SPLINE SAE C				
6		1 MD-0024L-3-25	14T SPLINE SAE C				
6		1 MD-0024L-3-27	14T SPLINE SAE C				
6		1 MD-0024L-3-30	14T SPLINE SAE C				

PERMCO MODEL: 7500

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	W09-27	5/16 X 15/32 X 1-1/2 KEY
C 6	1	W86-137	RETAINER RING
C 6	1	ZE-0558	BEARING RETAINER
C 7	1	W86-137	RETAINER RING
C 7	1	ZE-0558	BEARING RETAINER
C 8	1	W86-137	RETAINER RING
C 8	1	ZE-0558	BEARING RETAINER
C00	1	W09-27	5/16 X 15/32 X 1-1/2 KEY
C00	1	W86-137	RETAINER RING
C00	1	ZE-0558	BEARING RETAINER
C09	1	W86-137	RETAINER RING
C09	1	ZE-0558	BEARING RETAINER

PERMCO MODEL: 7500

Bearing Carriers

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>	<u>D E S C R I P T I O N</u>	
A	1	YZ-0576	BLANK	& BLANK
AA	1	CA-0576-2-67	1-1/4 JIC-T	& 1-1/4 JIC-T
B	1	XZ-0576-11	T	& BLANK
BB	1	CA-0576-2-64	1 JIC-T	& 1 JIC-T
C	1	XZ-0576-11	BLANK	& T
LL	1	CA-0576-2-36	1-1/4 SF-T	& 1-1/4 SF-T
MM	1	CA-0576-2-40	1-1/2 SF-T	& 1-1/2 SF-T

PERMCO MODEL: 7500

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	Q-0921	CROWNED ROLLER BRGN
	2	VA-0558-1XS	RING SEAL
B	4	Q-0921	CROWNED ROLLER BRGN
B	2	VA-0558-1XS	RING SEAL
B	1	W0-17	PIPE PLUG
C	4	Q-0921	CROWNED ROLLER BRGN
C	2	VA-0558-1XS	RING SEAL
C	1	W0-17	PIPE PLUG

PERMCO MODEL: 7500

Gear and Connecting Shafts

<u>CODE</u>	<u>QTY</u>	<u>PART NUMBER</u>
1	1	ZA-0022

<u>D E S C R I P T I O N</u>
CONNECTING SHAFT

7500 / 7600 SERIES

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
2"	#68

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"	W1-13	4"	8
3/4"	W1-58	4-1/2"	8
1"	W1-14	5"	8
1-1/4"	W1-14	5"	8
1-1/2"	W1-78	5-1/2"	8
1-3/4"	W1-78	5-1/2"	8
2"	W1-65	6"	8
2-1/4"	W1-65	6"	8
2-1/2"	W1-89	6-1/2"	8
2-3/4"	W1-89	6-1/2"	8
3"	W1-64	7"	8

Washer #	W033-2	8
Shaft Protectors		
SP-1000-4	1-1/4" Splined	
SP-1000-5	1-1/4" Dia Keyed	

Shaft Protectors for extended studs	
SP-1000-7	2

FASTENERS FOR DOUBLE UNITS

	Flush	Extended
Dual Section	8.56	10.56
Triple Section	12.56	14.56
Quad Section	16.56	18.56

*****Add total gear width + above dimension to obtain stud length.**

Washer #	W033-2	8
Nut #	W3-65	8

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"

