

* * 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.

 * *
 * 7600 SERIES *
 * *

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
 DOWELLED
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.

		CW	CCW	DBL	PUMP	MOTOR	BEARING
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 2500 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: 7600**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-0574-3D	CW 4 BOLT SAE B
033	1	DA-0574-5D	4 BOLT SPECIAL TYPE 1 CW
067	1	SA-0574-3D	CW 4 BOLT SAE C
079	1	TA-0574-3D	CW 4 BOLT SAE D
081	1	UB-0574-15D	CW 7500/7600 PB
087	1	UA-0574-3D	CW 2 BOLT SAE C
131	1	RA-0574-3D	CCW 4 BOLT SAE B
167	1	SA-0574-3D	CCW 4 BOLT SAE C
179	1	TA-0574-3D	CCW 4 BOLT SAE D
181	1	UB-0574-15D	CCW 7500/7600 PB
187	1	UA-0574-3D	CCW 2 BOLT SAE C
231	1	RA-0574-3D	DR 4 BOLT SAE B
267	1	SA-0574-3D	DR 4 BOLT SAE C
279	1	TA-0574-3D	DR 4 BOLT SAE D
287	1	UA-0574-3D	DR 2 BOLT SAE C
331	1	RA-0574-3D	CW 4 BOLT SAE B
367	1	SA-0574-3D	CW 4 BOLT SAE C
379	1	TA-0574-3D	CW 4 BOLT SAE D
387	1	UA-0574-3D	CW 2 BOLT SAE C
431	1	RA-0574-3D	CCW 4 BOLT SAE B
467	1	SA-0574-3D	CCW 4 BOLT SAE C
479	1	TA-0574-3D	CCW 4 BOLT SAE D
487	1	UA-0574-3D	CCW 2 BOLT SAE C
531	1	RA-0574-3D	DR 4 BOLT SAE B
567	1	SA-0574-3D	DR 4 BOLT SAE C
579	1	TA-0574-3D	DR 4 BOLT SAE D
587	1	UA-0574-3D	DR 2 BOLT SAE C
731	1	RA-0574-4D	DR 4 BOLT SAE B
767	1	SA-0574-4D	DR 4 BOLT SAE C
779	1	TA-0574-4D	DR 4 BOLT SAE D
787	1	UA-0574-4D	DR 2 BOLT SAE C
831	1	RA-0574-4D	DR 4 BOLT SAE B
867	1	SA-0574-4D	DR 4 BOLT SAE C
879	1	TA-0574-4D	DR 4 BOLT SAE D
887	1	UA-0574-4D	DR 2 BOLT SAE C

PERMCO MODEL: 7600

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
031	2	K-2995-164	O'RING	131	1	UA-0558	BEARING SPACER
031	2	Q-0921	CROWNED ROLLER BRGN	131	1	VA-0558-1XS	RING SEAL
031	1	QZ-0961	SEAL RETAINER	131	1	W62-26-10	DOUBLE LIP SEAL
031	1	S-0280	PLUG	131	1	W85-315	RETAINER RING
031	1	UA-0558	BEARING SPACER				
031	1	VA-0558-1XS	RING SEAL	167	2	K-2995-164	O'RING
031	1	W62-26-10	DOUBLE LIP SEAL	167	2	Q-0921	CROWNED ROLLER BRGN
031	1	W85-315	RETAINER RING	167	1	QZ-0961	SEAL RETAINER
				167	1	S-0280	PLUG
067	2	K-2995-164	O'RING	167	1	UA-0558	BEARING SPACER
067	2	Q-0921	CROWNED ROLLER BRGN	167	1	VA-0558-1XS	RING SEAL
067	1	QZ-0961	SEAL RETAINER	167	1	W62-26-10	DOUBLE LIP SEAL
067	1	S-0280	PLUG	167	1	W85-315	RETAINER RING
067	1	UA-0558	BEARING SPACER				
067	1	VA-0558-1XS	RING SEAL	179	2	K-2995-164	O'RING
067	1	W62-26-10	DOUBLE LIP SEAL	179	2	Q-0921	CROWNED ROLLER BRGN
067	1	W85-315	RETAINER RING	179	1	QZ-0961	SEAL RETAINER
				179	1	S-0280	PLUG
079	2	K-2995-164	O'RING	179	1	UA-0558	BEARING SPACER
079	2	Q-0921	CROWNED ROLLER BRGN	179	1	VA-0558-1XS	RING SEAL
079	1	QZ-0961	SEAL RETAINER	179	1	W62-26-10	DOUBLE LIP SEAL
079	1	S-0280	PLUG	179	1	W85-315	RETAINER RING
079	1	UA-0558	BEARING SPACER				
079	1	VA-0558-1XS	RING SEAL	181	2	Q-0921	CROWNED ROLLER BRGN
079	1	W62-26-10	DOUBLE LIP SEAL	181	1	S-0280	PLUG
079	1	W85-315	RETAINER RING	181	1	VA-0558-1XS	RING SEAL
				181	1	W0-00	PIPE PLUG/SQ. HD 1/4 NPT
081	2	Q-0921	CROWNED ROLLER BRGN	181	1	W62-26-17	DOUBLE LIP SEAL
081	1	S-0280	PLUG	181	1	ZK-0558	SPACER
081	1	VA-0558-1XS	RING SEAL				
081	1	W0-00	PIPE PLUG/SQ. HD 1/4 NPT	187	2	K-2995-164	O'RING
081	1	W62-26-17	DOUBLE LIP SEAL	187	2	Q-0921	CROWNED ROLLER BRGN
081	1	ZK-0558	SPACER	187	1	QZ-0961	SEAL RETAINER
				187	1	S-0280	PLUG
087	2	K-2995-164	O'RING	187	1	UA-0558	BEARING SPACER
087	2	Q-0921	CROWNED ROLLER BRGN	187	1	VA-0558-1XS	RING SEAL
087	1	QZ-0961	SEAL RETAINER	187	1	W62-26-10	DOUBLE LIP SEAL
087	1	S-0280	PLUG	187	1	W85-315	RETAINER RING
087	1	UA-0558	BEARING SPACER				
087	1	VA-0558-1XS	RING SEAL	231	2	K-2995-164	O'RING
087	1	W62-26-10	DOUBLE LIP SEAL	231	2	L-0280-K	CHECK VALVE ASSY
087	1	W85-315	RETAINER RING	231	2	Q-0921	CROWNED ROLLER BRGN
				231	1	QZ-0961	SEAL RETAINER
131	2	K-2995-164	O'RING	231	1	UA-0558	BEARING SPACER
131	2	Q-0921	CROWNED ROLLER BRGN	231	1	VA-0558-1XS	RING SEAL
131	1	QZ-0961	SEAL RETAINER	231	1	W62-26-10	DOUBLE LIP SEAL
131	1	S-0280	PLUG	231	1	W85-315	RETAINER RING

PERMCO MODEL: 7600

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
267	2	K-2995-164	O'RING	379	1	QZ-0961	SEAL RETAINER
267	2	L-0280-K	CHECK VALVE ASSY	379	1	S-0280	PLUG
267	2	Q-0921	CROWNED ROLLER BRGN	379	1	VA-0558-1XS	RING SEAL
267	1	QZ-0961	SEAL RETAINER	379	1	W58-48	BALL BEARING
267	1	UA-0558	BEARING SPACER	379	1	W62-26-10	DOUBLE LIP SEAL
267	1	VA-0558-1XS	RING SEAL	379	1	W85-315	RETAINER RING
267	1	W62-26-10	DOUBLE LIP SEAL				
267	1	W85-315	RETAINER RING	387	2	K-2995-164	O'RING
				387	2	Q-0921	CROWNED ROLLER BRGN
279	2	K-2995-164	O'RING	387	1	QZ-0961	SEAL RETAINER
279	2	L-0280-K	CHECK VALVE ASSY	387	1	S-0280	PLUG
279	2	Q-0921	CROWNED ROLLER BRGN	387	1	VA-0558-1XS	RING SEAL
279	1	QZ-0961	SEAL RETAINER	387	1	W58-48	BALL BEARING
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

PERMCO MODEL: 7600

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
487	1	VA-0558-1XS	RING SEAL	731	1	W58-48	BALL BEARING
487	1	W58-48	BALL BEARING	731	1	W62-49-1	HP SEAL
487	1	W62-26-10	DOUBLE LIP SEAL	731	1	W85-315	RETAINER RING
487	1	W85-315	RETAINER RING				
				767	2	K-2995-164	O'RING
531	2	K-2995-164	O'RING	767	2	L-0280-K	CHECK VALVE ASSY
531	2	L-0280-K	CHECK VALVE ASSY	767	2	Q-0921	CROWNED ROLLER BRGN
531	2	Q-0921	CROWNED ROLLER BRGN	767	1	QZ-0961	SEAL RETAINER
531	1	QZ-0961	SEAL RETAINER	767	1	VA-0558-1XS	RING SEAL
531	1	VA-0558-1XS	RING SEAL	767	1	W0-00	PIPE PLUG
531	1	W58-48	BALL BEARING	767	1	W58-48	BALL BEARING
531	1	W62-26-10	DOUBLE LIP SEAL	767	1	W62-49-1	HP SEAL
531	1	W85-315	RETAINER RING	767	1	W85-315	RETAINER RING
				779	2	K-2995-164	O'RING
567	2	K-2995-164	O'RING	779	2	L-0280-K	CHECK VALVE ASSY
567	2	L-0280-K	CHECK VALVE ASSY	779	2	Q-0921	CROWNED ROLLER BRGN
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
				787	2	K-2995-164	O'RING
579	2	K-2995-164	O'RING	787	2	L-0280-K	CHECK VALVE ASSY
579	2	L-0280-K	CHECK VALVE ASSY	787	2	Q-0921	CROWNED ROLLER BRGN
579	2	Q-0921	CROWNED ROLLER BRGN	787	2	Q-0921	CROWNED ROLLER BRGN
579	1	QZ-0961	SEAL RETAINER	787	1	QZ-0961	7500 SEAL RETAINER
579	1	VA-0558-1XS	RING SEAL	787	1	VA-0558-1XS	RING SEAL
579	1	W58-48	BALL BEARING	787	1	W0-00	PIPE PLUG
579	1	W62-26-10	DOUBLE LIP SEAL	787	1	W58-48	BALL BEARING
579	1	W85-315	RETAINER RING	787	1	W62-49-1	HP SEAL
				787	1	W85-315	RETAINER RING
				831	2	K-2995-164	O'RING
587	2	K-2995-164	O'RING	831	2	L-0280-K	CHECK VALVE ASSY
587	2	L-0280-K	CHECK VALVE ASSY	831	2	Q-0921	CROWNED ROLLER BRGN
587	2	Q-0921	CROWNED ROLLER BRGN	831	1	QZ-0961	SEAL RETAINER
587	1	QZ-0961	SEAL RETAINER	831	1	UA-0558	BEARING SPACER
587	1	VA-0558-1XS	RING SEAL	831	1	VA-0558-1XS	RING SEAL
587	1	W58-48	BALL BEARING	831	1	W0-00	PIPE PLUG
587	1	W62-26-10	DOUBLE LIP SEAL	831	1	W62-49-1	HP SEAL
587	1	W85-315	RETAINER RING	831	1	W85-315	RETAINER RING
				867	2	K-2995-164	O'RING
731	2	K-2995-164	O'RING	867	2	L-0280-K	CHECK VALVE ASSY
731	2	L-0280-K	CHECK VALVE ASSY	867	2	Q-0921	CROWNED ROLLER BRGN
731	2	Q-0921	CROWNED ROLLER BRGN				
731	1	QZ-0961	SEAL RETAINER				
731	1	VA-0558-1XS	RING SEAL				
731	1	W0-00	PIPE PLUG				

PERMCO MODEL: 7600**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>
867	1	QZ-0961	SEAL RETAINER
867	1	UA-0558	BEARING SPACER
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
879	2	K-2995-164	O'RING
879	2	L-0280-K	CHECK VALVE ASSY
879	2	Q-0921	CROWNED ROLLER BRGN
879	1	QZ-0961	SEAL RETAINER
879	1	UA-0558	BEARING SPACER
879	1	VA-0558-1XS	RING SEAL
879	1	W0-00	PIPE PLUG
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: 7600

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-0592D	BLANK & BLANK SINGLE
AH	1	XZ-0592D	BLANK & BLANK MULT
AX	1	XZ-0592D	BLANK & BLANK MULT XSD
BD	1	XZ-0592-57D	3/4"JIC-L-REAR & BLANK SINGLE
BH	1	XZ-0592-57D	3/4"JIC-L-REAR & BLANK MULT
BX	1	XZ-0592-57D	3/4"JIC-L-REAR & BLANK MULT XSD
CD	1	XZ-0592-79D	BLANK & 3/4"JIC-R-REAR SINGLE
CH	1	XZ-0592-79D	BLANK & 3/4"JIC-R-REAR MULT
CX	1	XZ-0592-79D	BLANK & 3/4"JIC-R-REAR MULT XSD
ID	1	XZ-0592-64D	1 JIC & 1 JIC SINGLE
IH	1	XZ-0592-64D	1 JIC & 1 JIC MULT
IX	1	XZ-0592-64D	1 JIC & 1 JIC MULT XSD
JN	1	RB-0574-24D	CW 7500/7500-5000-3000 PB
KN	1	RB-0574-24D	CCW 7500/7500-5000-3000 PB
LN	1	RB-0574-24D	DR 7500/7500-5000-3000 PB

PERMCO MODEL: 7600

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 SEAL
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PERMCO MODEL: 7600

Housings

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

PERMCO MODEL: 7600

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

PERMCO MODEL: 7600

Housings

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

PERMCO MODEL: 7600

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-0577-17-64D	1 JIC	& 1 JIC
ZE20	1	RZ-0577-20-64D	1 JIC	& 1 JIC
ZF10	+ ' 1	RZ-0577-10-65D	1 JIC	& 1 1/4 JIC
ZF12	' 1	RZ-0577-12-65D	1 JIC	& 1 1/4 JIC
ZF15	' 1	RZ-0577-15-65D	1 JIC	& 1-1/4 JIC
ZG15	' 1	RZ-0577-15-74D	1 JIC	& 1 1/2 JIC
ZI10	' + 1	RZ-0577-10-65D	1 1/4 JIC	& 1 JIC
ZI12	' 1	RZ-0577-12-65D	1 1/4 JIC	& 1 JIC
ZI15	' 1	RZ-0577-15-65D	1-1/4 JIC	& 1 JIC
ZJ15	' 1	RZ-0577-15-74D	1 1/2 JIC	& 1 JIC
ZK15	+ + 1	RZ-0577-15-67D	1 1/4 JIC	& 1 1/4 JIC
ZK17	+ + 1	RZ-0577-17-67D	1 1/4 JIC	& 1 1/4 JIC
ZK20	1	RZ-0577-20-67D	1 1/4 JIC	& 1 1/4 JIC
ZK22	1	RZ-0577-22-67D	1 1/4 JIC	& 1 1/4 JIC
ZK25	1	RZ-0577-25-67D	1 1/4 JIC	& 1 1/4 JIC
ZK27	1	RZ-0577-27-67D	1 1/4 JIC	& 1 1/4 JIC
ZK30	1	RZ-0577-30-67D	1 1/4 JIC	& 1 1/4 JIC
ZL15	+ ' 1	RZ-0577-15-68D	1 1/4 JIC	& 1 1/2 JIC
ZL17	+ ' 1	RZ-0577-17-68D	1 1/4 JIC	& 1 1/2 JIC
ZO15	' + 1	RZ-0577-15-68D	1 1/2 JIC	& 1 1/4 JIC
ZO17	' + 1	RZ-0577-17-68D	1 1/2 JIC	& 1 1/4 JIC
ZQ17	1	RZ-0577-17-70D	1 1/2 JIC	& 1 1/2 JIC
ZZ30	1	RZ-0577-30-22D	2 JIC	& 2 JIC

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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
	4	280-1971-033	7600 DOWEL PIN

ALL DRY VALVE PUMPS REQUIRE DRY VALVE THRUST PLATES

	2	AZ-0947-DVS	DRY VALVE THRUST PLATE
	2	TA-2995-252	SQUARE GASKET SEAL
	4	280-1971-033	7600 DOWEL PIN
	4	280-1774-939	THRUST PLATE SEAL

WINCH MOTOR THRUST PLATES

	2	AZ-0947-W	WINCH MOTOR THRUST PLATE
	2	TA-2995-252	SQUARE GASKET SEAL
	4	280-1971-033	7600 DOWEL PIN
	4	280-1774-939	THRUST PLATE SEAL

PERMCO MODEL: 7600

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: 7600

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: 7600

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: 7600

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-0576D	BLANK	& BLANK
AA	1	CA-0576-2-67D	1-1/4 JIC-T	& 1-1/4 JIC-T
B	1	XZ-0576-11D	T	& BLANK
BB	1	CA-0576-2-64D	1 JIC-T	& 1 JIC-T
C	1	XZ-0576-11D	BLANK	& T
LL	1	CA-0576-2-36D	1-1/4 SF-T	& 1-1/4 SF-T
MM	1	CA-0576-2-40D	1-1/2 SF-T	& 1-1/2 SF-T

PERMCO MODEL: 7600

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: 7600

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
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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"

