

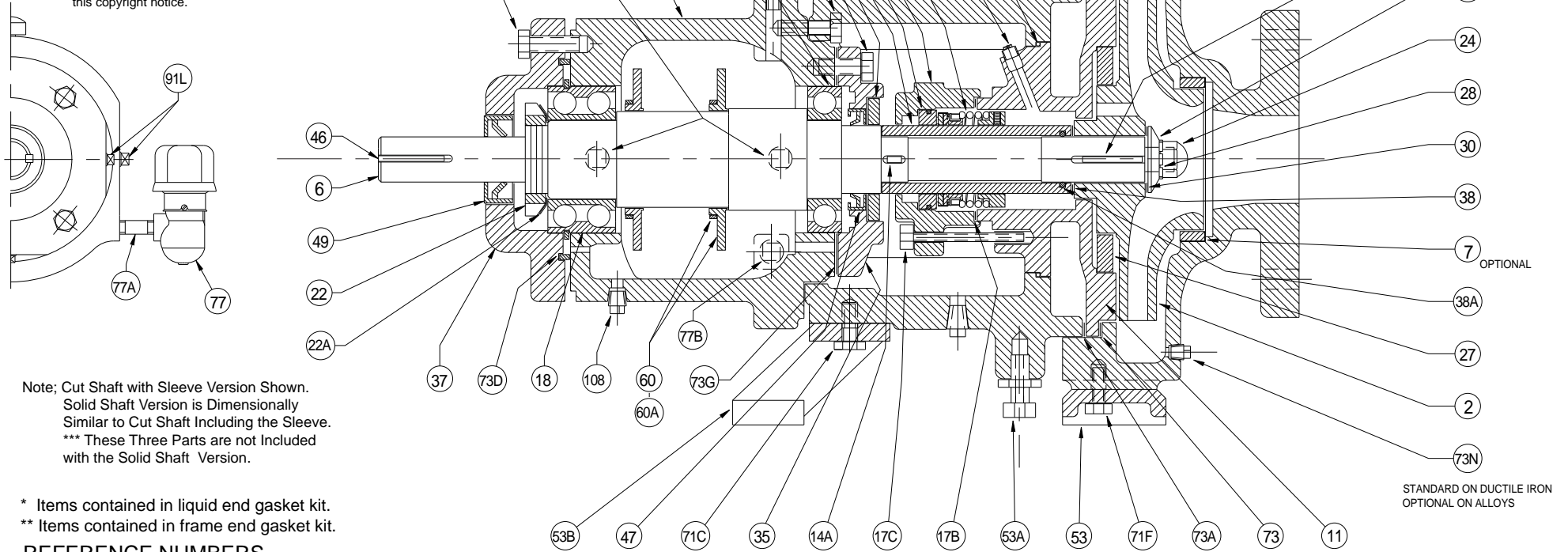
THELCO CUTAWAY DRAWING OF WORTHINGTON® PUMP MODEL D-1011 COOLING JACKET FRAME 1 & 1A  
 MECHANICAL SEAL TYPE, SIZES; 1-1/2X1X6, 1-1/2X1X8, 3X1-1/2X5, 3X1-1/2X6, 3X2X5, 3X3X4, 4X3X5  
 THESE SIZES NOT INCLUDED IN FRAME 1A ; 3X2X5, 3X3X4

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Note: Cut Shaft with Sleeve Version Shown.  
 Solid Shaft Version is Dimensionally Similar to Cut Shaft Including the Sleeve.  
 \*\*\* These Three Parts are not Included with the Solid Shaft Version.

\* Items contained in liquid end gasket kit.  
 \*\* Items contained in frame end gasket kit.

REFERENCE NUMBERS

1	CASING	22A	WASHER, BRG LOCK NUT **	47	LIP SEAL, LINE BEARING **	73B	O-RING, STUFFING BOX COVER *
2	IMPELLER	24	NUT, IMPELLER	49	LIP SEAL, THRUST BEARING **	73D	SEAL RING, THRUST BRG COVER **
6	SHAFT (Shown Cut for a Sleeve)	24A	LOCK WASHER, IMPELLER *	53	FOOT, CASING	73G	GASKET, LINE BEARING COVER **
7	RING, CASING	27	RING, ADAPTER COVER	53A	ADAPTER SUPPORT, INBOARD	73N	PIPE PLUG
11	STUFF BOX COVER	28	GASKET, IMPELLER NUT *	53B	ADAPTER SUPPORT	77	CONSTANT LEVEL OILER
14	SLEEVE, SHAFT ***	30	GSKT, IMPELLER LOCK WSHR *	60	FLINGER, OIL	77A	NIPPLE, OILER
14A	KEY, SLEEVE *** (NOT IN FRAME 1A)	32	KEY, IMPELLER	60A	COLLAR, OIL FLINGER	77B	PIPE PLUG, GREASE LUBE PUMPS
16	LINE BEARING	35	COVER, LINE BEARING	65	SEAT, MECHANICAL SEAL	80	ROTOR, MECHANICAL SEAL
17A	GLAND, MECHANICAL SEAL	37	COVER, THRUST BEARING	71	ADAPTER	91B	PIPE PLUG, STUFF BOX
17B	GASKET, MECH SEAL GLAND	38	GASKET, SLEEVE (OUTER) *	71B	CAP SCREW, ADAPTER	91L	PIPE PLUG, OIL LUBE PUMPS
17C	CAP SCREW, MECH SEAL GLAND	38A	O-RING, SLEEVE * ***	71C	CAP SCREW, ADAPTER SUPPORT	91L	GREASE FTNG, GREASE LUBE PUMPS
18	THRUST BEARING	40	DEFLECTOR	71F	CAP SCREW, CASING FOOT	108	PIPE PLUG, DRAIN
19	BEARING HOUSING	45	VENT CAP	73	GASKET, CASING *	133	SHIM, (OPTIONAL)
22	LOCK NUT, BEARING	46	KEY, COUPLING	73A	GASKET, STUFF BOX COVER *	153	CAP SCREW, BEARING COVER
						153N	CAP SCREW, CASING

Oct 2008