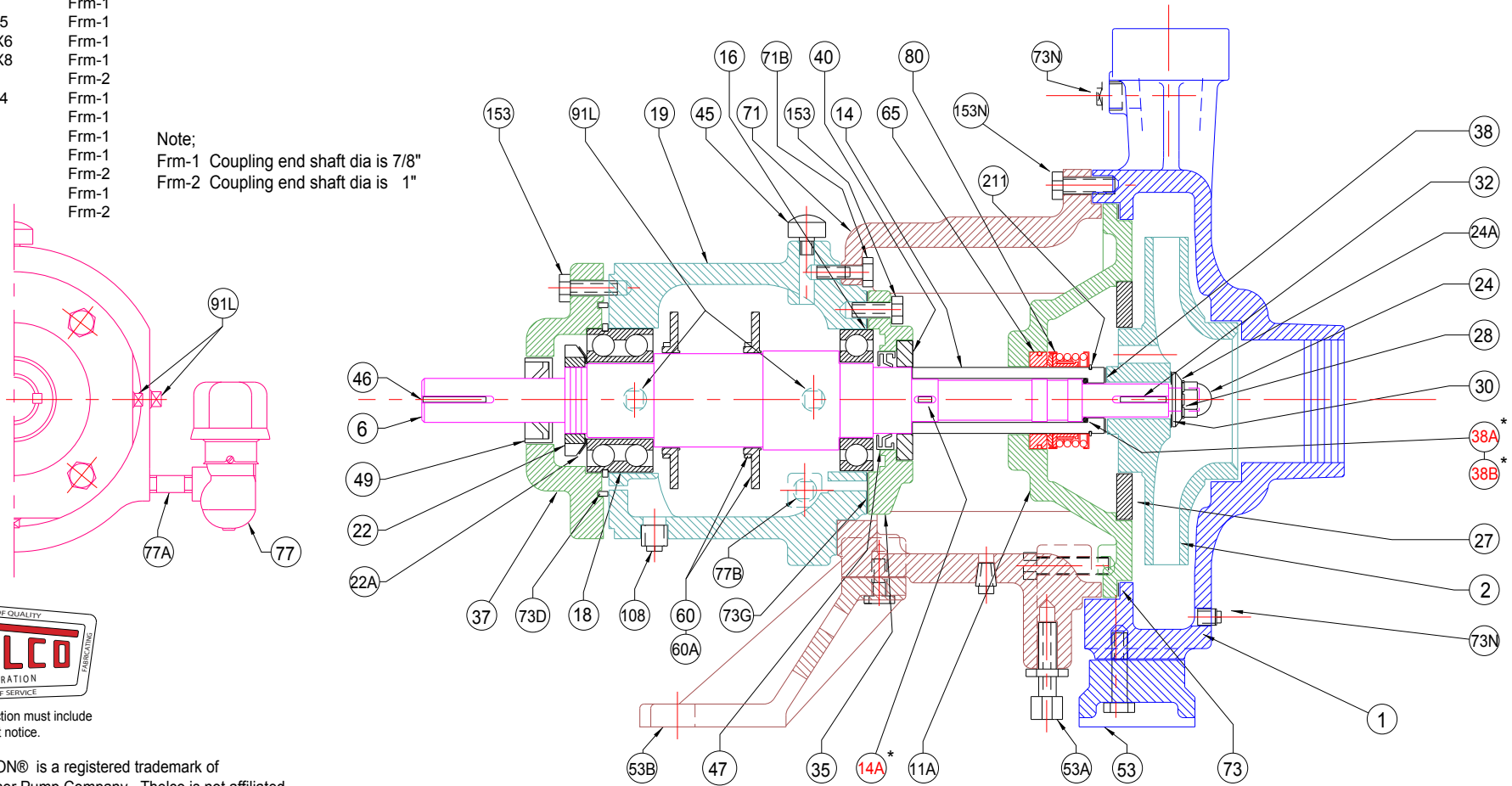


**PUMP SIZES;**

1-1/2 X 1 X 6	Frm-1
2 X 1 X 6	Frm-1
2 X 1 X 8	Frm-1
2-1/2X1-1/2X5	Frm-1
2-1/2 X1-1/2X6	Frm-1
2-1/2X1-1/2 X8	Frm-1
" "	Frm-2
2-1/2X2-1/2X4	Frm-1
3 X 2 X 5	Frm-1
2 X 1 X 8	Frm-1
3 X 2 X 6	Frm-1
" "	Frm-1
3 X 2 X 8	Frm-2
" "	Frm-1
" "	Frm-2

**THELCO CUTAWAY DRAWING OF WORTHINGTON® PUMP MODEL D-812  
MECHANICAL SEAL COVER VERSION. THIS IS THE "OLD D-812"**

Note;  
Frm-1 Coupling end shaft dia is 7/8"  
Frm-2 Coupling end shaft dia is 1"



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**REFERENCE NUMBERS**

1 CASING	27 RING, ADAPTER COVER	47 LIP SEAL, LINE BEARING	73G GASKET, LINE BEARING COVER
2 IMPELLER	28 GASKET, IMPELLER NUT	49 LIP SEAL, THRUST BEARING	73N PIPE PLUG, CASING
6 SHAFT	30 GASKET, IMPELLER LOCK WASHER	53 FOOT, CASING	77 CONSTANT LEVEL OILER
11 A MECHANICAL SEAL COVER	32 KEY, IMPELLER	53A ADAPTER SUPPORT, INBOARD	77A NIPPLE, OILER
14 SLEEVE, SHAFT	35 COVER, LINE BEARING	53B ADAPTER SUPPORT	77B PIPE PLUG, GREASE LUBE PUMPS
14A KEY, SLEEVE (FRM-1 ONLY)*	37 COVER, THRUST BEARING	60 FLINGER, OIL	80 MECHANICAL SEAL ROTOR
16 LINE BEARING	38 GASKET, SLEEVE	60A COLLAR, OIL FLINGER	91L PIPE PLUG, OIL LUBE PUMPS
18 THRUST BEARING	38A O-RING, SLEEVE (FRM-1 ONLY)*	65 MECHANICAL SEAL SEAT	91L GREASE FITTING, GREASE LUBE PUMPS
19 BEARING HOUSING	38B O-RING, SLEEVE (FRM-2 ONLY)*	71 ADAPTER	108 PIPE PLUG, DRAIN
22 LOCK NUT, BEARING	40 DEFLECTOR	71B CAP SCREW, ADAPTER	153 CAP SCREW, BEARING COVER
22A WASHER, BEARING LOCK NUT	45 VENT CAP	73 GASKET, CASING	153N CAP SCREW, CASING
24 NUT, IMPELLER	46 KEY, COUPLING	73D SEAL RING, THRUST BEARING COVER	211 RETAINING RING, SLEEVE
24A LOCK WASHER, IMPELLER			