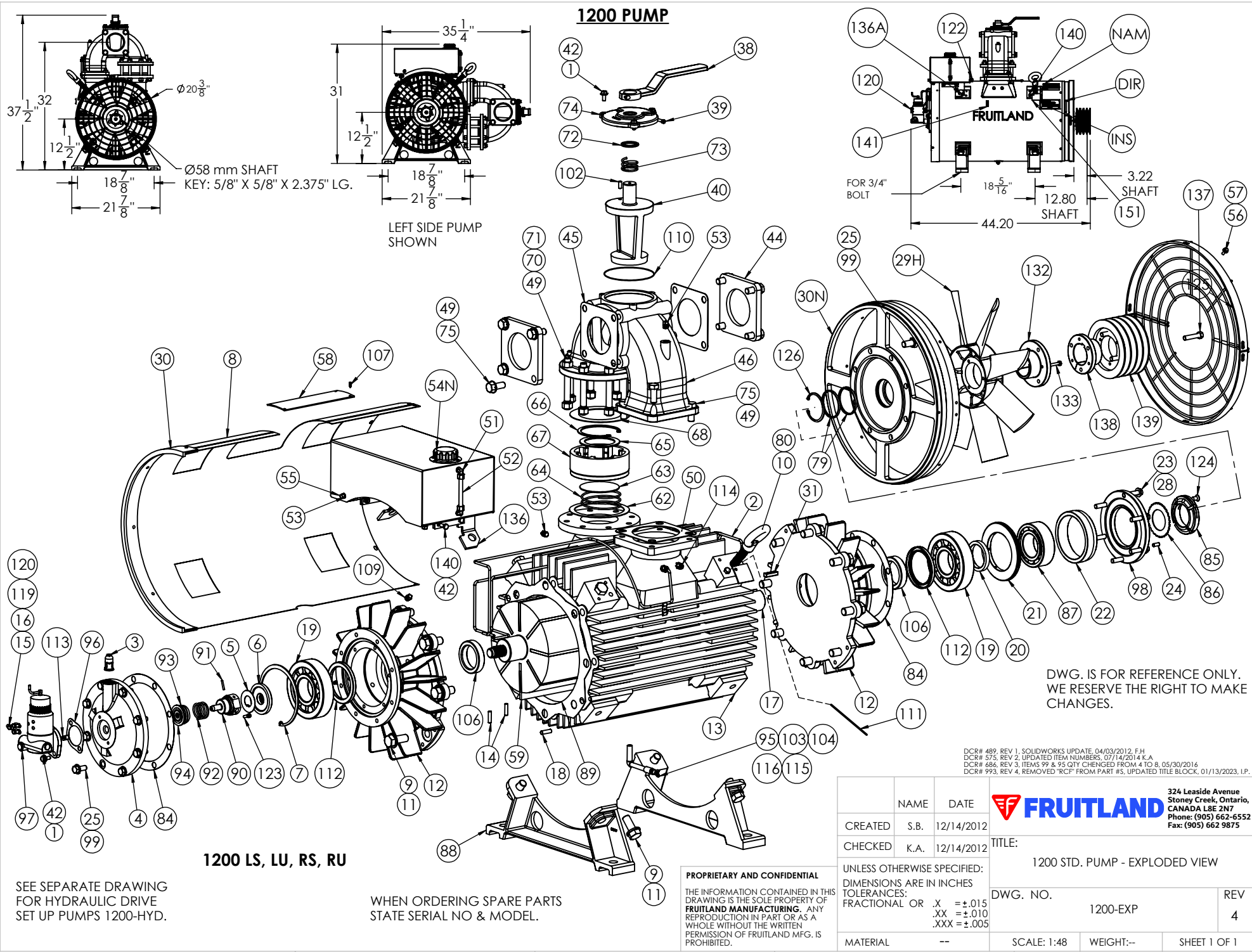




1200 PUMP

1200 LS, LU, RS, RU

SEE SEPARATE DRAWING
FOR HYDRAULIC DRIVE
SET UP PUMPS 1200-HYD.

WHEN ORDERING SPARE PARTS
STATE SERIAL NO & MODEL.

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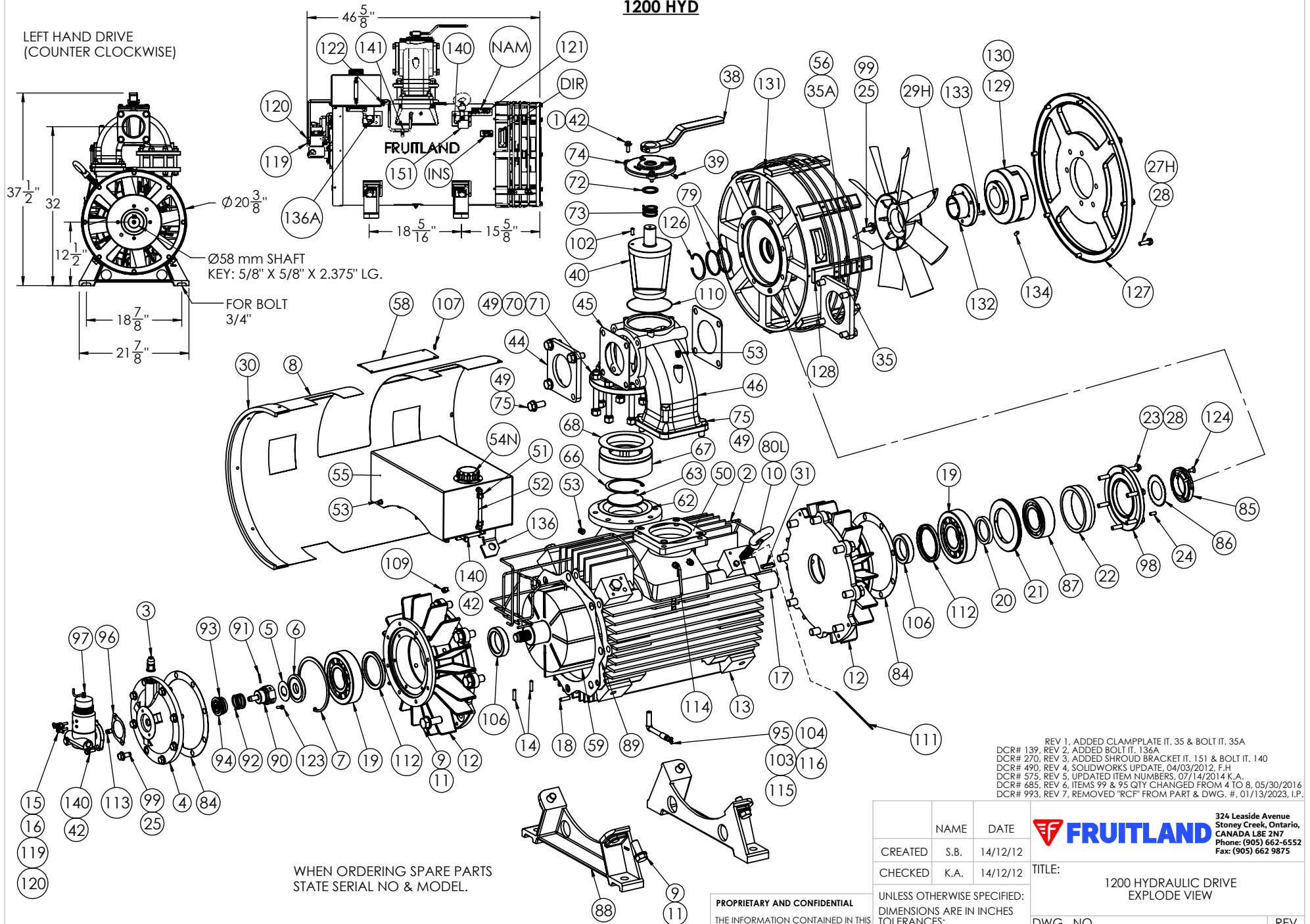
DWG. IS FOR REFERENCE ONLY.
WE RESERVE THE RIGHT TO MAKE
CHANGES.

DCR# 489, REV 1, SOLIDWORKS UPDATE, 04/03/2012, F.H.
DCR# 575, REV 2, UPDATED ITEM NUMBERS, 07/14/2014 K.A.
DCR# 686, REV 3, ITEMS 99 & 95 QTY CHANGED FROM 4 TO 8, 05/30/2014
DCR# 993, REV 4, REMOVED "RCP" FROM PART #S, UPDATED TITLE BLOCK, 01/13/2023, I.P.

	NAME	DATE	 FRUITLAND 324 Leaside Avenue Stoney Creek, Ontario, CANADA L8E 2N7 Phone: (905) 662-6552 Fax: (905) 662 9875		
CREATED	S.B.	12/14/2012			
CHECKED	K.A.	12/14/2012			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL OR .X = ±.015 .XX = ±.010 .XXX = ±.005			TITLE: 1200 STD. PUMP - EXPLODED VIEW		
DWG. NO.			1200-EXP		REV 4
MATERIAL	--	SCALE: 1:48	WEIGHT:--	SHEET 1 OF 1	

1200 HYD

LEFT HAND DRIVE
(COUNTER CLOCKWISE)



REV 1, ADDED CLAMPPLATE IT. 35 & BOLT IT. 35A
 DCR# 139, REV 2, ADDED BOLT IT. 136A
 DCR# 270, REV 3, ADDED SHROUD BRACKET IT. 151 & BOLT IT. 140
 DCR# 490, REV 4, SOLIDWORKS UPDATE, 04/03/2012, F.H.
 DCR# 575, REV 5, UPDATED ITEM NUMBERS, 07/14/2014 K.A.
 DCR# 685, REV 6, ITEMS 99 & 95 QTY CHANGED FROM 4 TO 8, 05/30/2016
 DCR# 993, REV 7, REMOVED "RC" FROM PART & DWG. #, 01/13/2023, I.P.

WHEN ORDERING SPARE PARTS
STATE SERIAL NO & MODEL.

DRAWING IS FOR REFERENCE
ONLY. WE RESERVE THE RIGHT
TO MAKE CHANGES.

THIS HYDRAULIC DRIVE PUMP
IS AVAILABLE BOTH CLOCKWISE
AND COUNTERCLOCKWISE.

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NAME		DATE	 FRUITLAND 324 Leaside Avenue Stoney Creek, Ontario, CANADA L8E 2N7 Phone: (905) 662-6552 Fax: (905) 662-9875	
CREATED	S.B.	14/12/12		
CHECKED	K.A.	14/12/12	TITLE:	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL OR .X = ±.015 .XX = ±.010 .XXX = ±.005			1200 HYDRAULIC DRIVE EXPLODE VIEW	
MATERIAL			DWG. NO.	REV
--			1200-EXP	7
SCALE: 1:16			WEIGHT:--	

ITEM #	PART #	DESCRIPTION	QTY.
1	RF500-48A	HEX BOLT - M8 x 25mm LONG - Z.P.	5
2	RF120-51A*	1200 OIL LINE SET - NO FITTINGS	1
3	RF120-78A	OIL FLOW VALVE	1
4	RF500-5	OUTER END COVER	1
5	RF120-80A	SAFETY LOCKWASHER	1
6	RF120-91	ADAPTOR SPACER	1
7	RF120-35A	SNAP RING	1
8	RF120-46H*	HOUSING SHROUD (SHORT STYLE)	1
9	RF120-67A	HEX BOLT - M20 x 50mm LONG	20
10	RF120-71A	HEX NUT - M20 x 2.5mm	2
11	RF120-82A	LOCKWASHER - M20	22
12	RF120-3	HOUSING END CAP	2
13	RF120-1	1200 HOUSING	1
14	RF120-14	ROLL PIN - Ø1/4" x 3-1/2" LONG	2
15	250-6A	HOLLOW BOLT - M6 (FOR OIL PUMP)	4
16	250-6	SOLDER FITTING (OIL PUMP OUTLET)	4
17	RF120-4	1200 ROTOR ASSEMBLY	1
18	RF120-86A	TAPER PIN	4
19	RF120-19A	ROLLER BEARING	2
20	RF120-87	RING SPACER	1
21	RF800-88	OUTER RING	1
22	RF120-89	BEARING RING	1
23	RF500-59A	HEX BOLT - M10 x 30mm LONG - Z.P.	6
24	RF120-91A	ROLL PIN - Ø1/4" x 3/4" LONG	1
25	RF120-92A	LOCKWASHER - M12	16
27H	RF500-67A	HEX BOLT - M10 x 30mm - Z.P.	16
28	RF120-94A	LOCKWASHER - M10 - Z.P.	14
29H	RF120-33*	FAN - LEFT HAND TAPER (ALUMINUM)	1
30	RF120-34*	SHROUD RING	1
30N	RF120-34N	FAN SHROUD	1
31	RF120-74	KEY	1
35	RF120-02	CLAMP PLATE for GUARD RINGS	1
35A	RF500-28A	HEX BOLT - M6 x 16mm LONG	9
38	RF500-13	LEVER ASSEMBLY	1
39	RF500-130A	S.H.C.S. - 1/4"-20 NC x 3/4" LONG	1
40	RF120-10	DIVERTER VANE	1
42	RF120-96A	LOCKWASHER - M8 - Z.P.	13
44	RF120-18	END PLATE	2
45	RF120-57	GASKET - END PLATE	2
46	RF120-11	DIVERTER HOUSING	1
49	RF120-59A	LOCKWASHER - M16 - Z.P.	20
50	RF120-55	GASKET - PUMP INLET	1
51	RF500-32A	COMPRESSION ELBOW - 1/4" NPT	2
52	RF120-25A	SIGHT HOSE	1
53	RF500-69A	PIPE PLUG - 1/4" NPT - BLK. SQ. HEAD	8
54N	RF120-100N	CAP / BREATHER ASSEMBLY	1
55	RF120-23	OIL TANK ASSEMBLY	1
56	RF500-280A	LOCKWASHER - M6 - Z.P.	19
57	RF120-102A	HEX BOLT - M6 x 10mm LONG - Z.P.	10

ITEM #	PART #	DESCRIPTION	QTY.
58	RF120-124	SHROUD PLATE	1
59	RF120-6A	1200 VANES	8
62	RF120-65	GASKET - PUMP OUTLET	1
63	RF120-17	BACK-UP VALVE PLATE	1
64*	RF120-66A	BACK-UP VALVE SPRING (SIDE MOUNT)	1
65*	RF120-104	BACK-UP VALVE RING	1
66	RF120-105A	SNAP RING - BACK-UP VALVE	1
67	RF120-106	BACK-UP VALVE HOUSING	1
68	RF120-65A	GASKET - BACK-UP VALVE	1
70	RF120-97A	HEX NUT - M16 x 2.0mm - Z.P.	8
71	RF120-107A	STUD - M16 x 120mm LONG	8
72	RF500-62A	OIL SEAL - DIVERTER VANE	1
73	RF500-14A	DIVERTER VANE SPRING	1
74	RF120-12	DIVERTER VALVE CAP	1
75	RF120-108A	HEX BOLT - M16 x 40mm LONG - Z.P.	12
79	RF120-16A	OIL SEAL - ROTOR SHAFT	2
80L	RF120-001	EYEBOLT - M20 x 150mm LONG	2
84	RF120-58	GASKET - OUTER END COVERS	2
85	RF120-114*	ROTOR NUT - M65 x 2	1
86	RF120-115	STAR WASHER	1
87	RF120-116A	BALL BEARING	1
88	RF120-9	BASE	2
89	RF120-7	GASKET - HOUSING END CAP	2
90	RF120-117	OIL PUMP ADAPTOR	1
91	RF120-72A	ROLL PIN - Ø5/32" x 3/4" LONG	1
92	RF120-118A	SPRING - ROTOR SHAFT (NON-DRIVE END)	1
93	RF120-119A	O-RING - ROTOR SHAFT (NON-DRIVE END)	1
94	RF120-120	CUP	1
95	A270-3	PIPE NIPPLE - 1/4" NPT x 3-1/2" LONG	2
96	RF120-27	GASKET - OIL PUMP	1
97	RF120-29*	1200 OIL PUMP	1
98	RF120-122	BEARING PLATE	1
99	RF120-69A	HEX BOLT - M12 x 30mm LONG	16
102	RF500-64A	ROLL PIN - Ø5/16" x 1-1/4" LONG	1
103	RF500-82A	DRAIN COCK - 1/4" NPT	1
104	A270-40	90° ELBOW (FxF) - 1/4" NPT	1
106	RF120-8	COLLAR	2
107	RF500-71A	SELF DRIVING SCREW - #6 x 38	9
109	RF250-69A	PIPE PUG - 1/8" NPT - BLK. SQ. HEAD.	2
110	RF120-12-OR	GASKET - DIVERTER VALVE CAP	1
111	RF120-01	VANE WEAR TEST ROD	1
112	RF800-3A	OIL SEAL - END COVER	2
113	RF120-30	OIL PUMP COUPLING (DFG)	1
114	RF500-50A	CONNECTOR (FOR 1/4" TUBE)	7

ITEM #	PART #	DESCRIPTION	QTY.
115	RF250-30A	PIPE NIPPLE - 1/4" NPT x 4-1/2" LONG	1
116	RF250-73A	PIPE COUPLING - 1/4" NPT	1
119	RF120-HBI	HOLLOW BOLT (INTAKE) - M11 x 1	1
120	RF120-SF	SOLDER FITTING (INTAKE)	1
122	RF120-50A	COMPRESSION FITTING - 1/4" NPT x 5/16" TUBE - BRASS	1
123	RF120-128A	S.H.C.S. - M6 x 25mm LONG	1
124	RF120-129A	FLAT HEAD SCREW - 3/8"-16 NC x 5/8" LONG	1
125	RF120-290	1200 FAN GUARD	1
126	RF800-001	SNAP RING - ROTOR SHAFT	1
127	RF120-MP	MOUNTING PLATE for HYDRAULIC MOTOR	1
128	RF120-BH	BELL HOUSING	1
129	WT358H	COUPLING FLANGE - SPECIFY BORE	1
130	IN-358	COUPLING INSERT	1
131	RF120-GR	GUARD RINGS	4
132	SK60	TAPER BUSHING - SK 60mm (NO KEY)	1
133	RF120-0	HEX BOLT - 5/16"-18 NC x 2" LONG, WITH LW	3
134	RF120-134	SET SCREW - 3/8"-18 NC x 1/2" LONG	2
136	RF120-136	OIL TANK MOUNTING BRACKET	1
136A	RF120-136A	HEX BOLT - M20 x 30mm LONG	2
137	RF120-137	HEX BOLT - 1/2"-13 NC x 2-3/4" LONG, WITH LW	3
138	E58	TAPER BUSHING - E 58mm	1
139	4-5V8.0	SHEAVE - Ø8" OD, 4 GROOVE, 5 V-SECT.	1
140	RF120-140	HEX BOLT - M8 x 20mm LONG - Z.P.	10
141	RF120-OLC	OIL LINE CLAMP SET W. SCREW	1
151	RF120-151	SHROUD BRACKET	1
DIR	RF500-DIR	DIRECTION TAG	1
INS	RF500-INS	INSTRUCTION TAG	1
NAM	RF500-NAM	NAME PLATE	1
MAN	RF250-MAN	MANUAL	1

* SPECIFY PUMP ROTATION "L" OR "R" AND
4-WAY VALVE LOCATION (UP OR SIDE)

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	NAME	DATE	 324 Leaside Avenue Stoney Creek, Ontario, CANADA L8E 2N7 Phone: (905) 662-6552 Fax: (905) 662-9875	
CREATED	I.P.	11/29/2022	TITLE:	
CHECKED			1200 VACUUM PUMP - PARTS LIST	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL OR .X = ±.015 .XX = ±.010 .XXX = ±.005			DWG. NO.	REV
			1200-BOM	0
MATERIAL	--	SCALE: 1:16	WEIGHT:--	