



PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DIXON PUMPS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DIXON PUMPS IS PROHIBITED.

		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/32"$ ANGULAR $\pm .5^\circ$ TWO PLACE DECIMAL $\pm .02$ THREE PLACE DECIMAL $\pm .005$	NAME WW	DATE 11/17/10
		MATERIAL	LEAD ENG.	
		FINISH --	ENG. DEPT.	
NEXT ASSY	USED ON		OPERATIONS	
APPLICATION	DO NOT SCALE DRAWING		COMMENTS:	



1110 MAGGIE LANE
 BILLINGS, MT 59101
 1.800.874.8976 PH.
 406.245.5606 FAX.
 www.dixonpumps.com

1.5 PUMP HEAD BOM		REV.
SIZE A	PART NO:	
SCALE:1:1	WEIGHT:	SHEET 1 OF 2

Item No.	Description	Part No	QTY.
1	PUMP CHAMBER MACHINED 1.5	05-10125	1
2	BEARING 1.25 O.D. x .75 I.D.	80-55015	2
3	SEAL 1.625 O.D. x .75 I.D. VITON 1.5-2.0	80-60120	2
4	WASHER .75 ID Pump Chamber	80-80135	2
5	FHSCS #4-40 x .25 18-8 SS	20-06300	8
6	O'RING PUMP CHAMBER-CENTER PLATE VITON 1.5-2.0	80-70140	1
7	O'RING PUMP CHAMBER-BYPASS 1.5-2.0	80-70130	1
8	SHAFT LONG 1.5	80-01020	1
9	IMPELLER MACHINED 1.5	80-40155	2
10	IMPELLER INSERT SPLINED 3/8 1.5-2.0	80-00025	6
11	WIPER BLADE 1.5 IMPELLER	80-40300	8
12	BLOCK SPRING-PIN 1.5 IMPELLER	80-40415	8
13	PIN WIPER BLADE SPRING 1.5-2.0	80-40010	40
14	SPRING WIPER BLADE 1.5-2.0	80-40210	40
15	KEY, TIMING GEARS 1.5-2.0	80-00100	2
16	SHAFT SNAP RING 1.5-2.0	80-55200	4
17	TIMING GEAR .25 FACE	80-02020	2
18	SHAFT SHORT 1.5	80-01010	1
19	CENTER PLATE MACHINED 1.5-2.0	05-10105	1
20	BEARING 1.5 O.D. x 1.0 I.D.	80-55010	4
21	SEAL 1.75 O.D. x 1.0 I.D. VITON 1.5-2.0	80-60130	2
22	WASHER 1.0 ID CENTER PLATE	80-80145	2
23	SEAL 1.625 O.D. x 1.0 I.D. BUNA 1.5-2.0	80-60133-1	4
24	THRUST WASHER, 1.5-2.0	80-80120	4
25	DOWEL PIN 3/16" x 1"	20-05030	2
26	O'RING GEAR CHAMBER-CENTER PLATE NITRILE 1.5-2.0	80-70135	1
27	GEAR CHAMBER MACHINED 1.5-2.0	05-10115	1
28	WASHER PLASTIC 1.0ID GEAR CHAMBER	80-80140-B	1
29	DOWEL PIN 3/8" x 3/4"	20-05010	2
30	SHCS 1/4"-20 x 1.5 8 Z	20-08030	8
31	BREATHER VENT 1/4" NPT 1.5-2.0	80-90400	1
32	HEX SOCKET DRAIN PLUG 1/4 NPT	20-13000	1
33	1.5 PUMP HEAD SERIAL NUMBER PLATE	45-00015	1
34	#0 x 1/4 GOLD RIVET	45-32223	2
35	C-FLANGE ADAPTER MACHINED 5.875 B.C. 1.5-2.0	05-10155	1
36	SHCS 5/16"-18 x .75 8 Z	20-08040	4
37	ROUND TUBE INSERT 1.0	20-14050	2
38	BYPASS HOUSING MACHINED 1.5-2.0	05-10135	1
39	BYPASS PLUNGER 1.5-2.0	80-01075	1
40	SPRING BYPASS 1.5-2.0 20lb	80-04010	1
41	O'RING BYPASS CAP VITON 1.5-2.0	80-70155	2
42	BYPASS CAP 1.5-2.0	80-01065	2
43	SHCS 1/4"-20 x .75 8 Z	20-08010	8
44	DOWEL PIN 1/4" x 3/4"	20-05000	2

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		MATERIAL	
NEXT ASSY	USED ON	FINISH --	
APPLICATION		DO NOT SCALE DRAWING	

	NAME	DATE
DRAWN	WW	11/17/10
CHECKED		
President		
Purchasing		
Sales		
COMMENTS:		



1110 MAGGIE LANE
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1.5 PUMP HEAD BOM		
SIZE A	PART NO:	REV.
SCALE:1:24	WEIGHT:	SHEET 2 OF 2