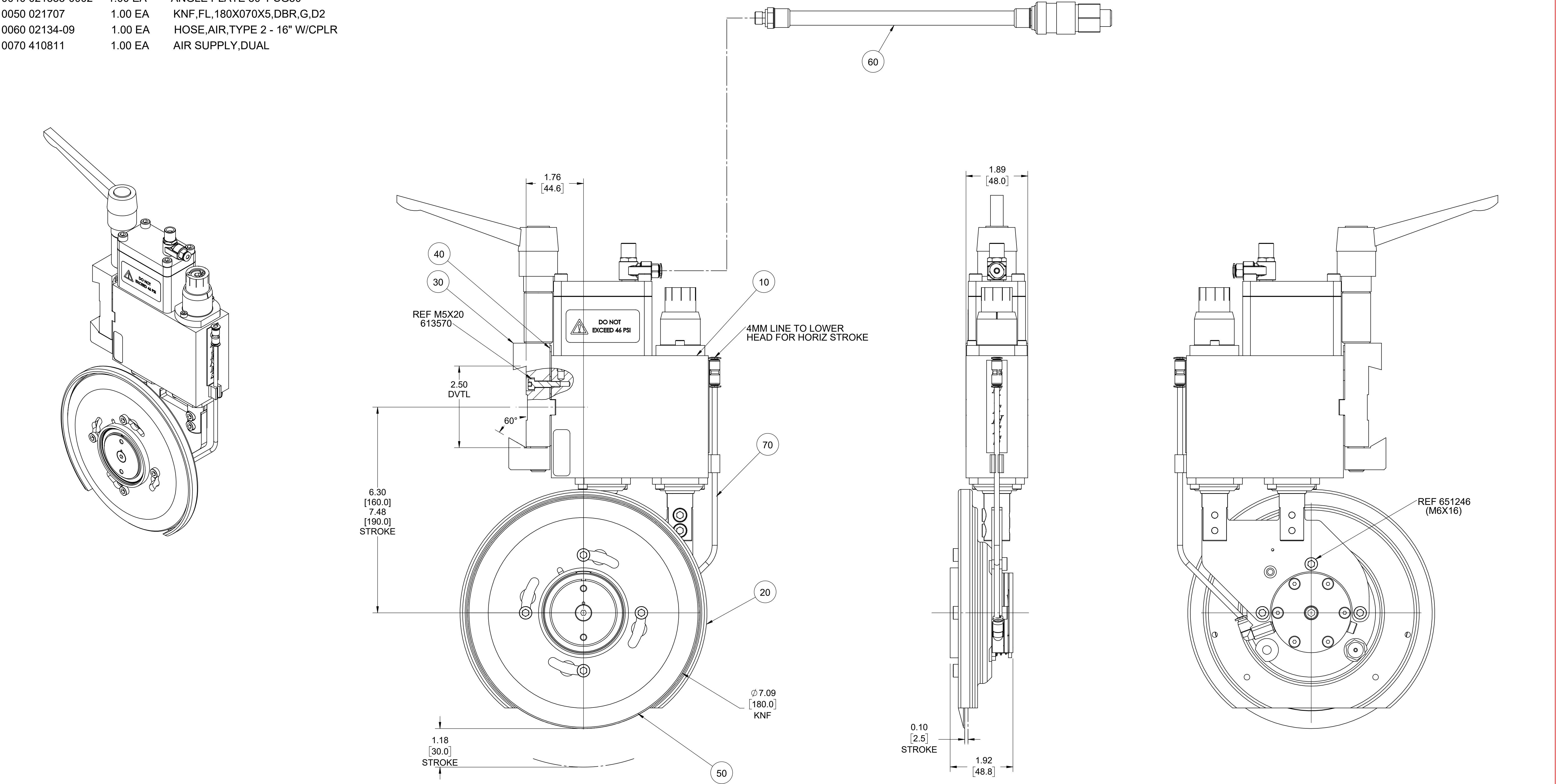


User Component Qty per Stk UM Description

0010 411644	1.00 EA	BODY,HLDR,DF50-150/180(DUAL
0020 411647	1.00 EA	HEAD,KNIFE,DF50-180
0030 021551-0003	1.00 EA	ASSY,ADPT,DTL,(KIP HNDL)P3070
0040 021553-0002	1.00 EA	ANGLE PLATE 30'-PSG50
0050 021707	1.00 EA	KNF,FL,180X070X5,DBR,G,D2
0060 02134-09	1.00 EA	HOSE,AIR,TYPE 2 - 16" W/CPLR
0070 410811	1.00 EA	AIR SUPPLY,DUAL

REVISIONS			
REV.	ERN	DATE	CHK'D BY
A	3133	3/30/05	RELS D
B	4499	6/29/2022	BGB



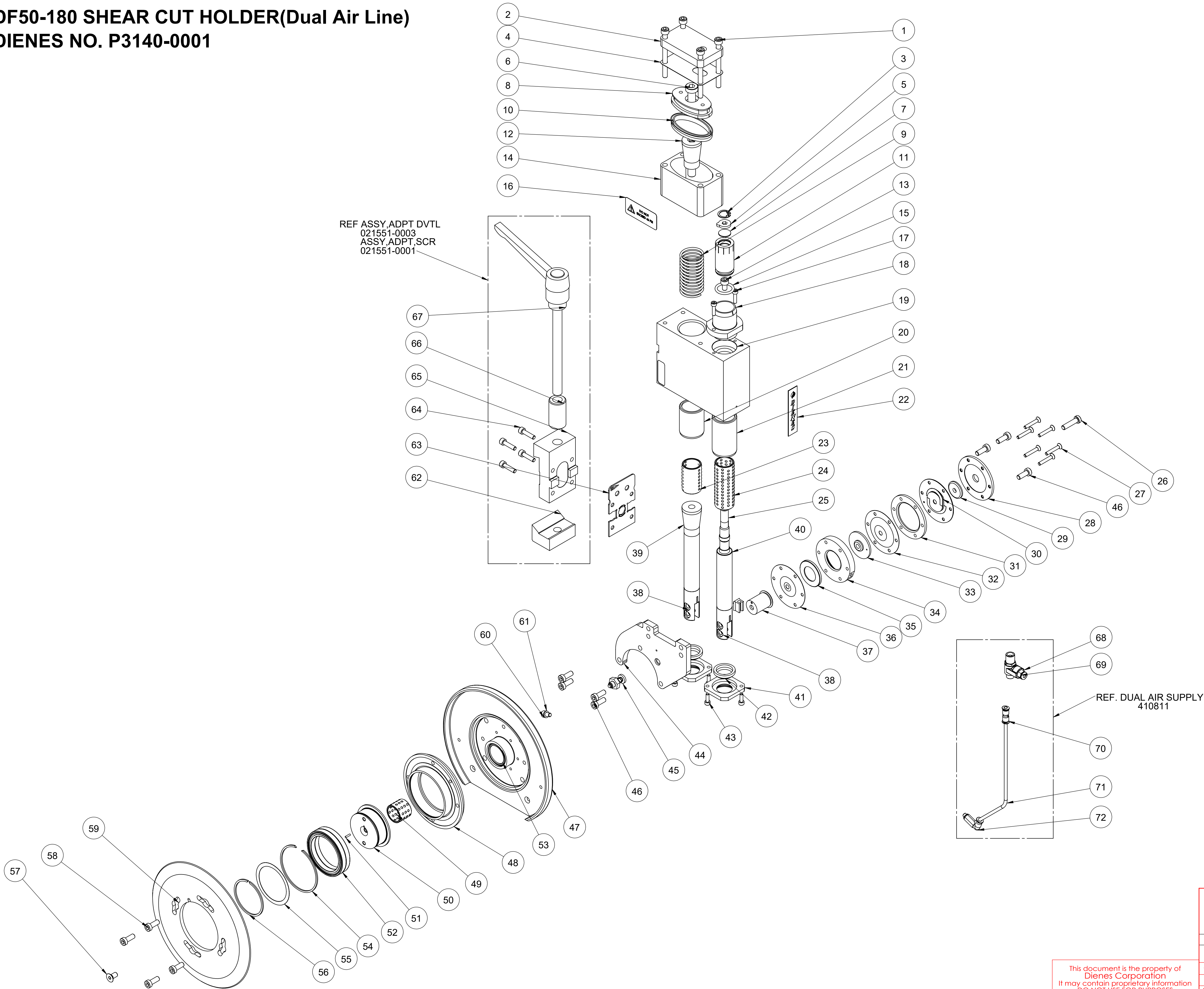
- NOTES:
- 1. MATERIAL: SEE BILL OF MATERIAL.
 - 2. THIS HOLDER IS STANDARD CONFIGURATION.
 - 3. USE FIXTURE TO ENSURE HOLDER IS ASSEMBLED SQUARE, IF APPLICABLE.
 - 4. TEST HOLDER FOR STROKE & PNEUMATIC LEAKS.
 - 5. APPROX. WEIGHT: 17.55 LBS

(B) CREATED MODEL,DRAWING & PDF FROM SOLIDWORKS

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US PROJECTION		DIENES CORPORATION Spencer Massachusetts	
REFERENCE METRIC DATA		HLDR,DF50-180,D'TAIL,KIP,DUAL AIR	
DIM	TOL	Unless Otherwise Noted Dims in Inches	Drawn by: BGB
O.D.		Tolerances Unless Noted:	Date: 06/29/2022
I.D.		XXXX ±.0005	Checked by: BB
THK.		XXX ±.005	Date: 06/29/2022
REF DWG: P3130-0001		XX ±.010	Scale: 2:3
		XX ±.015	
		FRACT. ±1/2"	
		ANGLES ±1/2°	
		English Unless Noted: ☒ ☐	
		DO NOT SCALE DRAWING	
		Sheet 1 of 2	Drawing Number DP3140-0001
			Rev. B
			For Internal DIENES CORPORATION Use Only

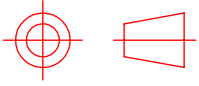
DF50-180 SHEAR CUT HOLDER(Dual Air Line)
DIENES NO. P3140-0001



ITEM NO	PART NUMBER	DESCRIPTION	QTY.
1	613646	SCR,CAP,SOC HD,M6X70	4
2	245C080525010	COVER,CYLINDER,DF50	1
3	022129	RING,RETAINING,INT Ø16MMX1	1
4	245C080528010	GASKET	1
5	234E020061010	WASHER,NOSE,Ø16X3 THK	1
6	617340	SCR,CAP,LO SOC HD,M10X25	1
7	234E030036030	DISC,16X1	1
8	650770	PISTON	1
9	650775	SPRG,COMP,31MMX,2,5WIRE,103LG	1
10	022725	RING,SEAL,66X56X38X28X7	1
11	245C030530010	NUT,DF50 UPPER BODY	1
12	234B030205010	SCREW,GUIDE SHAFT	1
13	613614	SCR,CAP,SOC HD,M6X10 FS	1
14	245D137A01001	CYLINDER	1
15	650779	O-RING R19,2X3 VITON	1
16	021757	DECAL,WARNING '46 PSI'	1
17	613512	SCR,CAP,SOC HD,M4X16	2
18	245C050533010	CAP,PROTECTIVE	1
19	245C130529010	BODY,HLDR DF50	1
20	650771	BRG,BUSHING,STEEL,26X32X42	1
21	650772	BRG,BUSHING,STEEL,26X32X56	1
22	222637	NAME PLATE,NEW DIENES LOGO	1
23	650773	CAGE,BRG,BRASS,20X26X40	1
24	650774	CAGE,BRG,BRASS,20X26X68	1
25	234B020204010	PIN,THREADED M10X63 LG	1
26	651250	SCR,CAP,LO SOC HD,M6X25 ZN	1
27	614104	SCR,CAP,FL SOC HD,M4X25	6
28	245C070540010	COVER,OUTER,62X11X3	1
29	245C030548010	PLATE,INTERMEDIATE	1
30	263C070034010	SPRING,CIRCULAR,62X6,1X0,8	1
31	245C070541010	COVER,INNER,62X40X3	1
32	022137	DIAPHRAGM, DF HEAD	1
33	245C040547030	PLATE,INTERMEDIATE,STEPPED	1
34	245C070539010	RING,INTERMEDIATE,62X27X9	1
35	245D040249010	STOP END	1
36	022137	DIAPHRAGM, DF HEAD	1
37	245C030546060	AXLE,HEAD,DF50	1
38	245C020534010	GUIDE,SHAFT,Ø20MM	2
39	245E030093010	GUIDE,SHAFT,Ø20MM X174MM (REPLACES ITEM 12 & 38)	1
40	245E020094010	GUIDE,SHAFT,Ø20MMX182MM (REPLACES ITEM 25 &38)	1
41	021637	SLEEVE,RETAINING	2
42	650780	WIPER,DIRT	2
43	613508	SCR,CAP,SOC HD,M4X12	4
44	245C130703010	PLATE,DF50-180/150 HEAD	1
45	290A079001001	ASSY,PIN,LOCKING DF50	1
46	651246	SCR,CAP,LO SOC HD,M6X16 ZN	7
47	245D224A01001	ASSY,HOUSING,GUARD,DF50-180	1
48	411457	KNF CARRIER	1
49	651242	CAGE,BRG,BRS,20X26X22MM LG	1
50	245C060537010	CARRIER,BRG,DF50	1
51	651241	PIN,GROOVED,M2X8	1
52	023008	BRG,BALL,50X65X7	2
53	022597	BUSHING,GUIDE,26X32X20,5	1
54	021525	RING,RETAINING,INT Ø67,3X1,5	1
55	021583	WASH,60,5X50,1X0,3	1
56	021526	RING,RETAINING,EXT Ø52,4X1,5	1
57	651240	SCR,CAP,FL SOC HD,M6X12-ZN	1
58	617224	SCR,CAP,LO SOC HD,M6X16	4
59	021707	KNF,FL,180X070X5,DBR,G,D2	1
60	613558	Scr,Cap,Soc Hd,M5x8	1
61	651243	GASKET,FIBER(M5)	1
62	021496	CLAMPING PIECE	1
63	021553-0002	ANGLE PLATE 30°	1
64	613570	SCR,CAP,SOC HD,M5X20	4
65	021886	ADPT,DOVETAIL,PSGS&DF	1
66	021668	HANDLE, SPACER, 40MM LG	1
67	021499	HAND LEVER,M12(65MM)X140 KIP	1
68	654740	VALVE,SUPPLY FLOW,R1/8M-G1/8F	1
69	650873	CONNECTOR, MINIM STR R1/8-4MM FS	1
70	650320	CONNECTOR, MINI, 4MM-4MM FS	1
71	021714	TUBING,4MM ODX2,6MM ID-BLUE	1
72	021713	CONN,EL LG M5-4MM	1

PLEASE NOTE:
ITEMS 39 & 40 GUIDE SHAFTS
ARE ONE PIECE CONSTRUCTION

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 US PROJECTION		DIENES CORPORATION <i>Spencer Massachusetts</i>	
REFERENCE METRIC DATA		HLDR,DF50-180,D'TAIL,KIP,DUAL AIR	
DIM	TOL	Unless Otherwise Noted Dims in Inches	Drawn by: BGB
		Tolerances Unless Noted: XXXX ±.0005 XXX ±.005 XX ±.010 FRACT. ±.015 ANGLES ±1/2° English Unless Noted: ☒ ☐ DO NOT SCALE DRAWING	Date: 06/29/2022 Checked by: BB Date: 06/29/2022 Scale: 2:3
O.D.		Sheet 2 of 2	Drawing Number
I.D.			DP3140-0001
THK.			Rev. B
REF DWG:		For Internal DIENES CORPORATION Use Only	