NOTES	1 2 3 4 5 6 6 6 A 6 B 6 C 7 8 9 10 10 A 10 B	10 16 1 1 1 1 14 14 14 14 14 14	BURNOUT LASER/BEND JAM NUT CONTACT BOLT BLOCK CYLINDER WELDMENT PLATE	1 3 2 2	ROUGH STOCK SIZE / SPEC. BL GRD 31.75± .13 // .13 X 660.0 X 2000.0 2.7 X 471.0 X 775.0 5/16"-18 BS-82	1020 1020 STD ENERPAC	MASS (KG) 323.35 15.394 0.004	HARD PL
	3 4 5 6 6-A 6-B 6-C 7 8 9 10 10-A	16 1 1 1 14 14 14 14 14	LASER/BEND JAM NUT CONTACT BOLT BLOCK CYLINDER WELDMENT	1 3 2 2	2.7 X 471.0 X 775.0 5/16"-18	1020 STD	15.394 0.004	
	3 4 5 6 6-A 6-B 6-C 7 8 9 10 10-A	1 1 1 14 14 14 14 14	JAM NUT CONTACT BOLT BLOCK CYLINDER WELDMENT	2 2	5/16"-18	STD	0.004	
	4 5 6 6-A 6-B 6-C 7 8 9 10 10-A	14 14 14 1	CONTACT BOLT BLOCK CYLINDER WELDMENT	2 2				
	5 6 6-A 6-B 6-C 7 8 9 10 10-A	14 14 14 1	BLOCK CYLINDER WELDMENT	2			0.012	
	6-A 6-B 6-C 7 8 9 10	14 14 14 1		0	CDB-18502	ENERPAC	1.807	
	6-B 6-C 7 8 9 10 10-A	14 14 1	PLATE	2			2.439	NORM
	6-C 7 8 9 10 10-A	14 1		2	19.1 X 120.0 X 76.2	1020	1.367	
	7 8 9 10 10-A	1	TUBE	2	50.8 X 50.8 X 3.2 X 108.0	1020	0.491	
	9 10 10-A	1 14	PLATE	2	19.1 X 76.2 X 93.0	1020	1.06	
	9 10 10-A	14	REST PAD	7	AST8	MISUMI	0.044	
	10 10-A		BLOCK	1	50.8 X 76.2 X 60.0	1020	1.509	
	10-A	15	ROUND	2	Ø 25.4 X 19.1	1020	0.052	
		11	WELDMENT	1			11.592	NORM
	10_R	11	PLATE	1	25.4 X 127.0 X 178.0	1020	4.507	
		11	TUBE	1	101.6 X 101.6 X 6.4 X 273.0	1020	4.962	
	10-C	11	PLATE	1	25.4 X 114.3 X 114.3	1020	2.605	
	10-D	11	BLOCK	2	38.1 X 38.1 X 63.5	1020	0.724	
	11	15	ROUND	1	Ø 25.4 X 15.9	1020	0.042	
	12	1	3MM SHIM PACK	6	RM03-M25-M11-2C2D	RENTAPEN	0.009	
	12-S	1	SHIM PACK -EXTRA	1	RM03-M25-M11-6C6D	RENTAPEN	0.009	
	13	12	WELDMENT	1			10.903	NORM
	13-A	12	PLATE	1	25.4 X 127.0 X 178.0	1020	4.507	
	13-B	12	TUBE	1	101.6 X 101.6 X 6.4 X 273.0	1020	4.962	
	13-C	12	PLATE	1	25.4 X 114.3 X 114.3	1020	2.605	
	13-D	12	BLOCK	1	38.1 X 38.1 X 63.5	1020	0.724	
	14	1	SHCS	1	3/4"-16 X 1.0"	STD	0.131)
	15	15	ROUND	1	Ø 50.8 X 32.0	A2	0.282	R/C 50-54
	16	1	TIE ROD CYLINDER	1	1.50C2HLT29A9.000	PARKER	6.474	
	17	1	FULL THD HHCS	2	M12 X 50	STD	0.057	
ALTER	18	14	LONG SWING ARM	2	CAL-352	ENERPAC	2.149	
	19	1	SWING CLAMP	2	SULDL-351	ENERPAC	5.169)
	20	13	WELDMENT	1			10.742	NORM
	20-A	13	PLATE	2	25.4 X 120.0 X 76.2	1020	1.823	
	20-B	13	TUBE	2	50.8 X 50.8 X 3.2 X 290.0	1020	1.318	
	20-C	13	PLATE	1	19.1 X 88.9 X 456.0	1020	6.062	
ALTER	21	14	STRUT CHANNEL	2	3310T573	MCMASTER	0.547	
	22	1	STRUT CLAMP	6	32625T74	MCMASTER	0.41	
	23	1	SINE KEY	2	39510	JERGENS	0.102	
	24	15	LASER	3	Ø 50.8 X 3.2	1020	0.049	
	25	2	HAWK NAMEPLATE	1	HT-NP-001	HAWK	0.179	
	500	1,9	MANUAL COUPLER	1	MCRC-21	ENERPAC	2.334	
	501	1,9	MANIFOLD (3-STA)	1	AD03P032S	DAMAN	2.282	
	502	1,9	MANIFOLD (1-STA)	I	AD03P012S	DAMAN	0.735	
	503	1,9	VALVE BODY	3	BD03ABT-A	PARKER	0.418	
	504	1,9	CHECK VALVE	3	CP0M2DDN	PARKER	0.771	
	505	1,9	PRESSURE REDUCER	3	PRDM2PP16KNS	PARKER	0 101	
	506 507	1,9 1,9	NEEDLE VALVE FLOW CONTROL VALVE	3	NVH101K FM2DDKN	PARKER PARKER	0.181 0.77	
	507	1,9	CONTROL VALVE	3	D1VLB4CN		0.77	
	508	1,9	CONTROL VALVE CONTROL VALVE	1	D1VLB4CN D1VLB1BN	PARKER PARKER	0.726	
	510	1,9	PLUG	3	P10-2	PARKER	0.054	
	510	1,9	BOLT KIT (NOT SHOWN)	1	BK-209 (ENABLER)	PARKER	0.054	
	512	1,9	BOLT KIT (NOT SHOWN) BOLT KIT (NOT SHOWN)	1	992012 (REF ONLY - DO NOT ORDER)	SUN	0	
	512	1,9	ACCUMULATOR	3	ACP05AA016E1KTC	PARKER	2.272	
	513	1,9	GAUGE	3	9692105	WIKA	0	
	M222293	1,3	SHCS	10	M6 X 10	STD	0.005	
	M222301	1	SHCS	4	M8 X 20	STD	0.005	
	M222301	1	SHCS	3	M8 X 40	STD	0.013	
	M222305 M222306	1	SHCS	4	M10 X 16	STD	0.023	
	M222308	1	SHCS	4	M10 X 25	STD	0.023	
	M222309	1	SHCS	8	M10 X 25	STD	0.029	
	M222317	1	SHCS	16	M12 X 40	STD	0.052	
	M222808	1	SHCS	8	M8 X 60	STD	0.033	
	M222818	1	SHCS	1	M10 X 70	STD	0.057	
	M223337	1	DOWEL	2	Ø10 X 30	STD	0.037	
	M223357	1	DOWEL	4	Ø12 X 35	STD	0.010	
	M223627	1	THIN NUT	2	M12	STD	0.009	
		•			LL QTY'S ARE TOTAL REQ'D FOR TOOL	, J.D	3.000	
				14016.7	LE STIONNE TOTALNES DION TOOL			

NOTES:	
ΔPPROX	/IN/

SCALE 1:4

SCALE 1:4

DET. 2 HIDDEN FOR CLARITY

- APPROXIMATE WEIGHT OF TOOL EXCLUDING PRODUCTION PART(S) = 434.1 KG
- SHIPPING ENVELOPE (L X W X H): 2000 MM X 660 MM X 891 MM
- PAINT SPEC: MACHINE GRAY ENAMEL
- SEE SHEET 2 FOR INSPECTION DIMENSIONS (TOLERANCE: ±.38 MM)
- SEE SHEET 3-8 FOR ISO VIEWS
- SEE SHEET 9 FOR HYDRAULIC SCHEMATIC

	Ĺ	NSPECIFIED TOL	ERANCES	SHOWN BELOW RE	EF ISO 2768-	-1					1. STAMP TOOL AND LOOSE PARTS WITH			VLCORES	OFT PVT. LTD	
		UNSPECIFIED MA	ACHINING	DIMENSIONS:							TOOL NUMBER.		NAL PART NO.	VO GOINEGOI I I VI. ETB		
		0.5 UPTO 3	±0.1mm	OVER 120 UPTO 400	±0.5mm						2. BREAK ALL CORNERS NOT REQUIRED TO BE	SHEET SIZE: A0		CONFIDENTIAL AND PROPRIETARY TO VJ		
		OVER 3 UPTO 6 ±0.1mm OVER 400 UPTO 1000 ±0.8mm							SHARP.	OTILLI GIZL. AU		CORESOFT. UNAUTHORIZED USE, DISCLOSURE,				
		OVER 6 UPTO 30 ±0.2mm OVER 1000 UPTO 2000 ±1.2mm								3. REFER TO JDV-24	MASS KG=	555.1	OR REPRODUCTION PROHIBITED. COPYRIGHT © VJ CORESOFT. ALL RIGHTS RESERVED.			
		OVER 30 UPTO 120	\pm 0.3mm	OVER 2000 UPTO 4000	±2.0mm						FOR TOOL DESIGN			VV CONLEGOT T. ALL	THOMOTIVESERVES.	
		UNSPECIFIED NO	N-MACHIN	NED DIMENSIONS:							STANDARDS.	DESIGN CONTROL:				
		0.5 UPTO 3	-	OVER 120 UPTO 400	±2.5mm						TOLERANCES DO NOT	DATE	7/13/12	SHEET NO.	1 OF 1	
		OVER 3 UPTO 6	±0.5mm	OVER 400 UPTO 1000	±4.0mm						ACCUMULATE. DO NOT	DRAWN	ENT	TOOL DESCRIPTION	ON	
MODEL RL MO	DEL REV	OVER 6 UPTO 30	±1.0mm	OVER 1000 UPTO 2000	±6.0mm						SCALE DRAWING FOR DIMENSIONS.	CHECKED				
WOBEL RE	DEL KEV	OVER 30 UPTO 120	±1.5mm	OVER 2000	±8.0mm		1				DIMENSIONS.			CROSS BAR MACH. FIXT		
	.0	EXCEPT AS NOTED TOLERANCES SHALL BE:			LETTED DV	DATE	SHEET	DECISION	DEVICION		SCALE	1:1	TOOL NUMBER			
DRW RL DF	RW REV					LETTER BY			DATE	REVISION					DEEEDENCES.	
BIXWILL BI	1 X V 1 X L V	\pm 0.02 BETWEE	N DOWE	_S		A	7/40/40			A I C VA /		METRIC	IDO 0440	IMD400400		
		\pm 0.1 TO SCREW HOLES, NON ACCUMULATIVE			A ENT	7/13/12			NEW			JDS-G113		IMD103128		