

# PISTON SPEC SHEET

## CUSTOMER INFORMATION

CUSTOMER NAME: **Hammer Performance**  
PO NUMBER: **9878**  
JOB NUMBER: **385100**  
DATE PRINTED: **12/5/2019**  
PART NUMBER: **HP3812530DD**



## ENGINE SPECIFICATION

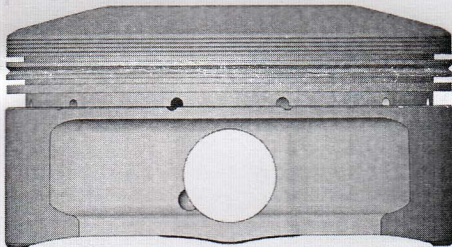
MOTOR:	Harley Davidson	HEAD:	Buell 30° DD	COMP RATIO:		ROD LENGTH:	
MOTOR SIZE:	90 Cubic Inches	HEAD CC:		BLOCK HEIGHT:		TOP RING RADIAL:	
BORE:	3.8125	INT VALVE DIA:		GASKET THK:		2nd RING RADIAL:	
STROKE:		EXT VALVE DIA:		DECK CLEARANCE:		OIL RING RADIAL:	

## PISTON SPECIFICATION

FORGING#:	96-2A	DISH/DEPTH:	-.211	PIN DIAMETER:	.791
DOME HEIGHT:	.250	CAM PROFILE:	10MC45412	PIN FIT TO:	.7918
DOME/DISH VOL:	12.360	TOP LAND VOL.:	-.730	PISTON TO CYL CLEAR:	.0025
				PIN LENGTH:	2.500

RING DATA	GROOVE WIDTH		GROOVE DIAMETER	
	INCH	METRIC	INCH	METRIC
TOP RING	.0480	1.2192	3.4760	88.2904
2ND RING	.0480	1.2192	3.4640	87.9856
OIL RING	.1190	3.0226	3.4580	87.8332

VALVE RELIEF	INTAKE		EXHAUST	
	INCH	METRIC	INCH	METRIC
POCKET DEPTH	-.2150	-5.461	-.2150	-5.461
POCKET ANGLE	27.000°		27.000°	
POCKET DIA.	2.1250	53.975	2.1250	53.975



COATINGS:	Crown Coating
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PISTON WEIGHT:	396
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COMPRESSION HEIGHT:	1.207	CENTER OF PIN TO DECK
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TURN DIA:	3.8100
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GAUGE POINT:	.400	INCHES UP FROM BOTTOM OF SKIRT
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