



Piston Spex Sheet

Powered By EngineWorx

Date: 3/25/2022

Piston Part # BTRP408125FT3

[2-Cycle Traveler Click Here](#)

Piston Description: BTR 6.0LS, 4.030x1.115, -8cc Dish, .927

[4-Cycle Traveler Click here](#)

Piston Specifications	
Bore (IN):	4.0300
Bore (MM):	102.36200
Piston Diameter (IN)	4.0260
Piston Diameter (MM)	102.2604
Dome Volume (CC):	-8.0
Material:	2618
Piston Style:	Flat Top
Compression Height (IN):	1.1150
Target Weight (G):	475.000
Dome Height (IN):	0.0000
Dome Thickness (IN):	Not Specified
Piston Clearance (IN):	0.0040
Piston Clearance (MM):	0.1016
Pin Offset	0.0000
Pin Offset Direction	Not Specified
Forging	F6473X

Skirt Mill		
	<i>Intake</i>	<i>Exhaust</i>
Over All Length From TE	2.1785	2.1785

Valve Pocket Specifications		
	<i>Intake</i>	<i>Exhaust</i>
Diameter (IN):	2.2650	1.7100
Angle (DEG):	14.00	14.00
Depth to T/E	-0.1250	-0.1500

2 Cycle		
	Top	Second
Pin Angle	Not Specified	Not Specified
Distance to C/L	Not Specified	Not Specified
Direction	Not Specified	Not Specified

Coating Specifications		
	Coating Type	Coating Thickness
Coating 1	SC	0.0005
Coating 2	Not Specified	Not Specified
Coating 3	Not Specified	Not Specified

Ring Specifications	
Ring Set Part #	Not Specified
Bore (IN):	Not Specified
Bore (MM):	Not Specified
Style:	Not Specified

Wrist Pin Specifications	
Pin Part #:	S643
Diameter (IN):	0.92700
Diameter (MM):	23.54580
Length (IN):	2.25000
Length (MM):	57.15000
Wall Thickness (IN):	0.14850
Wall Thickness (MM):	3.77000
Material:	5115
Coating:	Unchromed
Weight (G):	104.50000

Retainer Clip Specifications	
Retainer Clip Part #	CS24
Diameter (IN):	0.9270
Diameter (MM):	0.0000
Type:	Spiral
Thickness (IN):	0.0720
Material:	SAE 1070-1090

Oil Rail Support Specifications	
Oil Rail Support Part #	GLS25
Minimum Bore (IN):	4.00000
Maximum Bore (IN):	4.03700
Radial Wall Thickness (IN):	0.16000

Stamping Specifications	
Workorder/Date Code?	Y
Entire Part Number?:	Y
Spec Number?:	N
Directional?:	N
Directional Instructions:	Not Specified

