

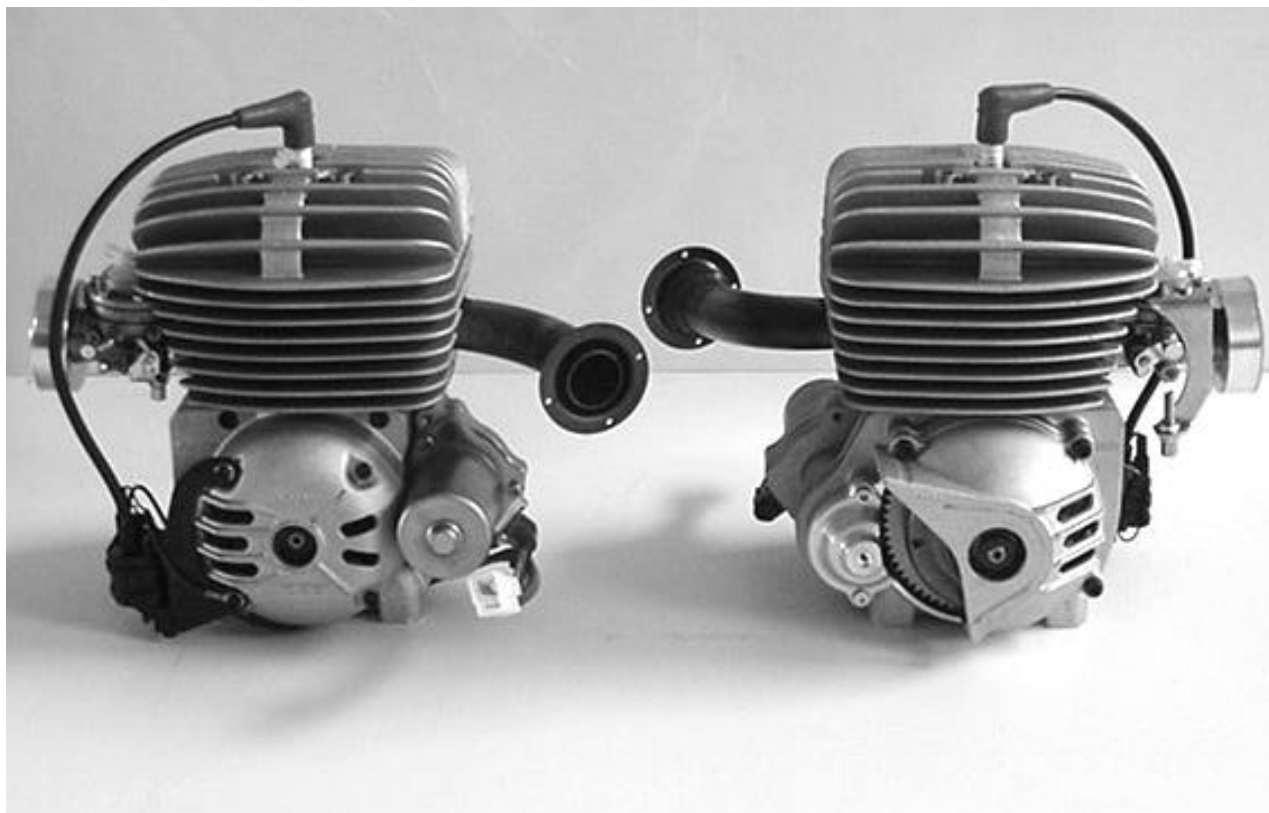
## TECHNICAL FILE

**Trademark:** 

**Type:** KWE6

**Manufacturer:** COMER SpA  
42011 Bagnolo in Piano (RE)

**Importer:** BBR Karting Inc.



FACTORY ORIGINAL PARTS ONLY ADMITTED

ANY MATERIAL REMOVAL OR POLISHING IS FORBIDDEN

THE ENGINE MUST BE ORIGINAL

### TECHNICAL INFORMATION

**BORE**  
42.14 mm max

**Fuel** - Mix 5%

**Ignition** - Electronic  
"SELETTA" TWIN  
POLE

**STROKE** 43mm

**Clutch** - Centrifugal one piece

**Sprocket** - Z11 P219

**CAPACITY** 60 cc.

**Carburetor** - Tillotson HL 166 ø16

**Starter** - Electric 12V.

STAMP AND SIGNATURE  
(National Sporting Authority)

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## TECHNICAL FILE

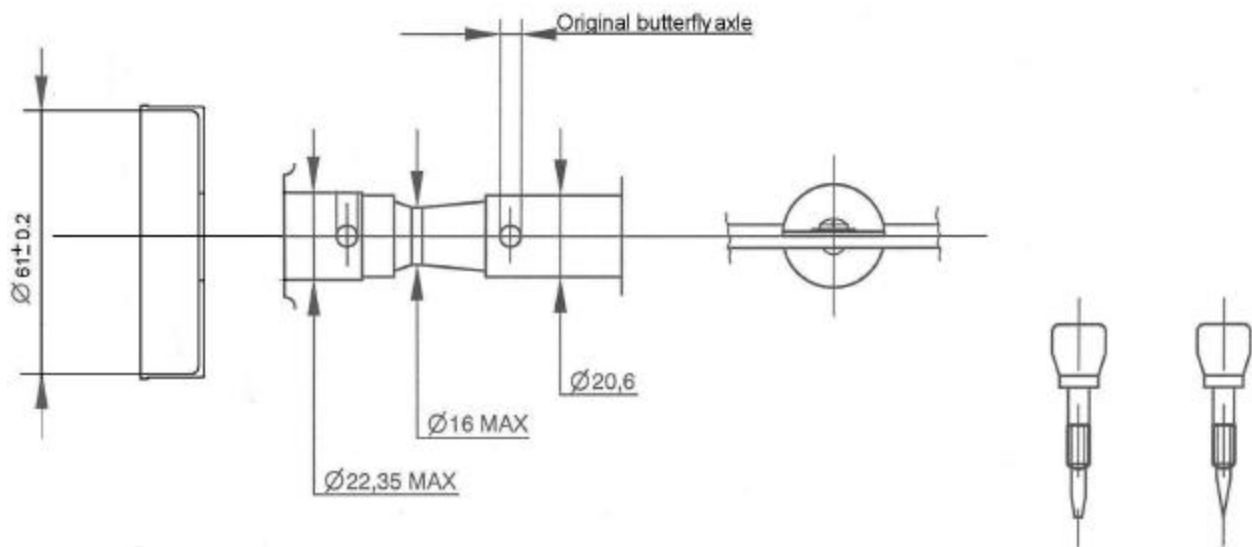
CAPACITY	60 c.c.
BORE	42.14 mm max.
STROKE	43 mm
CONNECTING ROD Center to Center Distance	88 mm
NUMBER OF TRANSFER Ports	2
NUMBER OF EXHAUST Ports	1
CARBURETOR DIAMETER	16 mm max.
IGNITION SISTEM <span style="float: right;">TWIN POLE</span>	SELETTA
PISTON RING NUMBER	1 - "L" 2 mm
BEARINGS type 6204 C4 with nylon cage.	20x47x14
PISTON ROLLER BEARING	12x16x16
CRANKSHAFT ROLLER BEARING	18x24x15

## CYLINDER TECHNICAL FILE

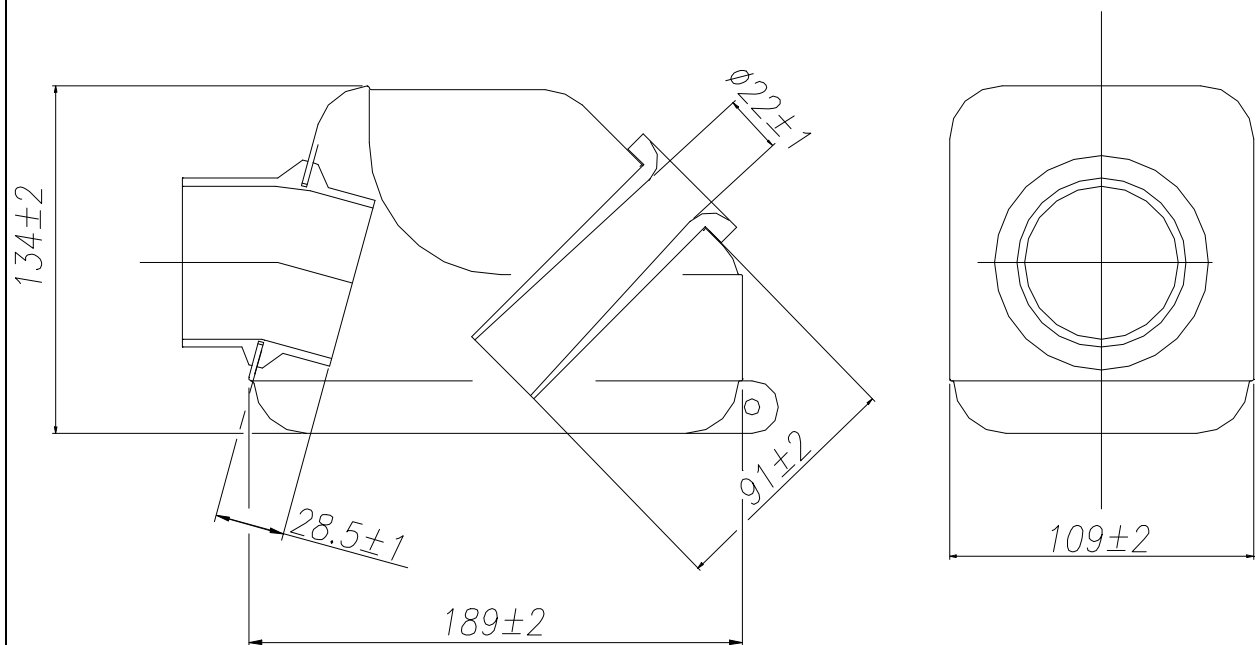
STROKE	ANGLE	TOLERANCE
INTAKE	150°	± 1° 30'
EXHAUST	154°	± 1° 30'
TRANSFER	120°	± 1° 30'

## CARBURETOR

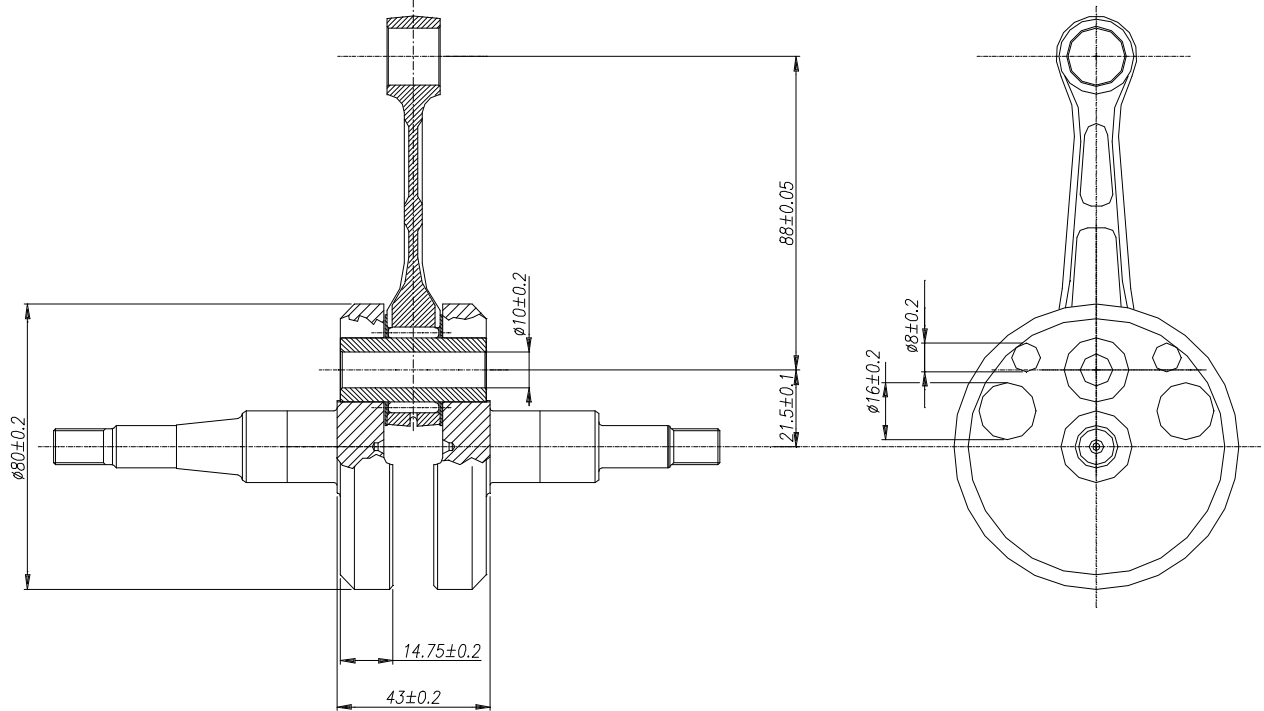
ORIGINAL CARBURETTOR "TILLOTSON HL 166"  
max. Venturi  $\varnothing$  16 mm.



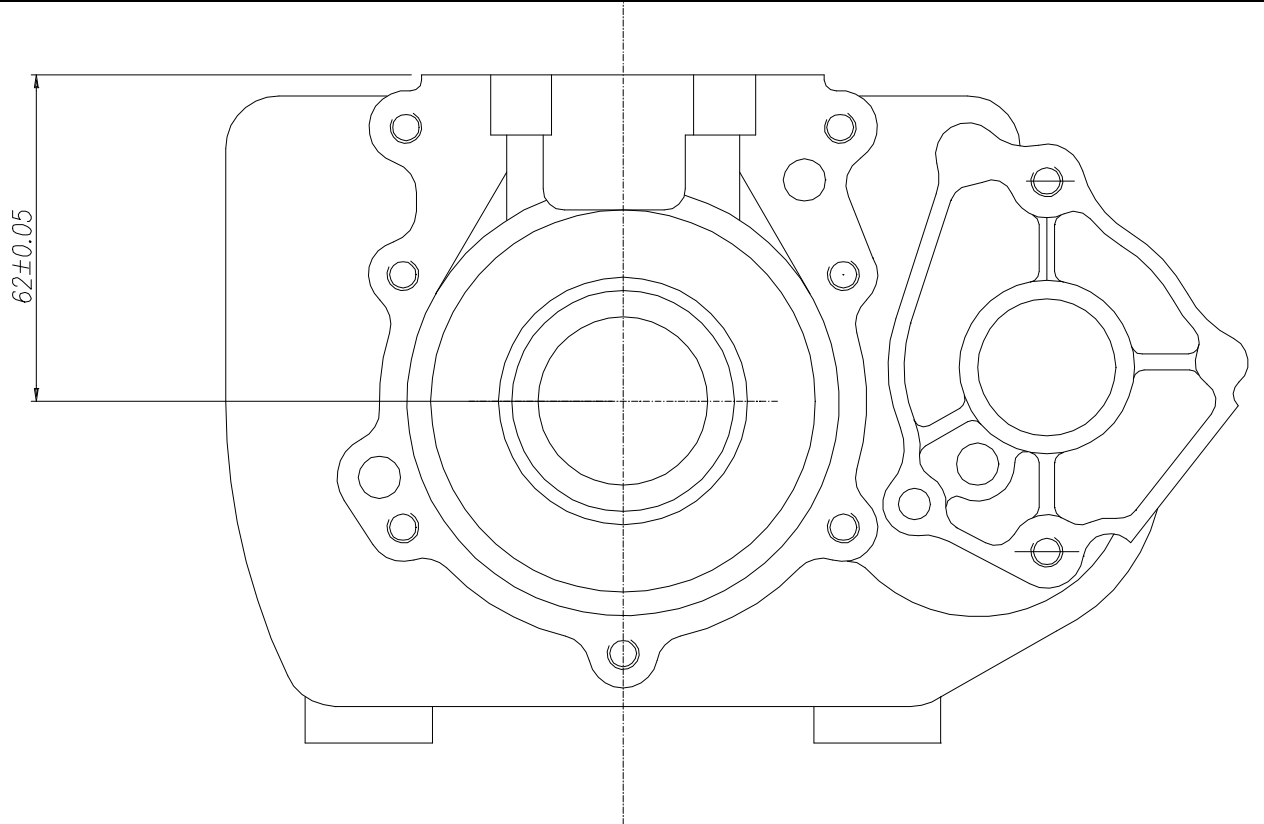
## AIRBOX



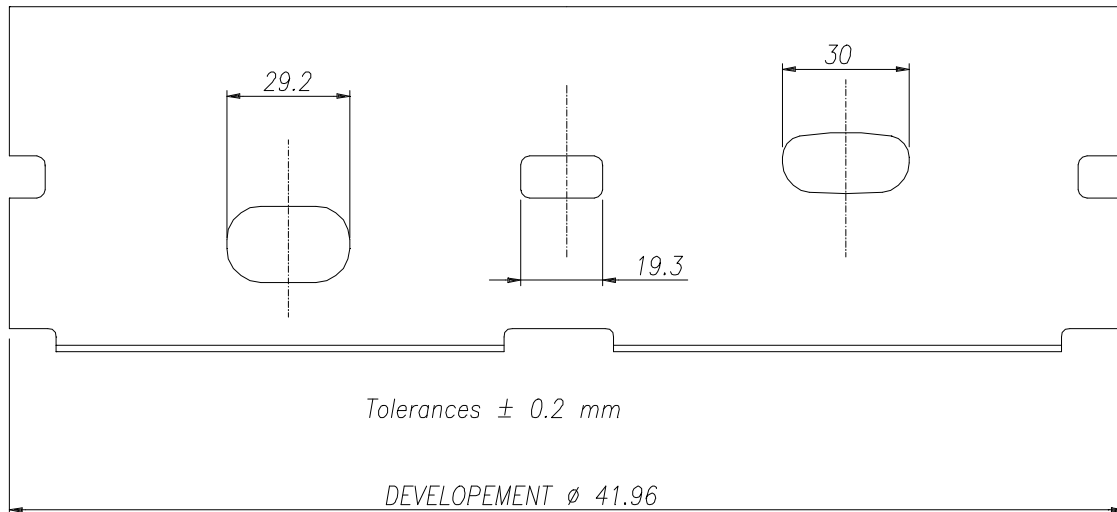
## COMPLETE CRANKSHAFT



## CRANKCASE



# CYLINDER

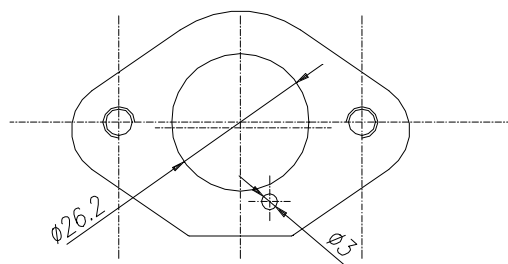


INTAKE : 150°	$\pm 1^{\circ}30'$
TRANSFER: 120°	$\pm 1^{\circ}30'$
EXHAUST : 154°	$\pm 1^{\circ}30'$

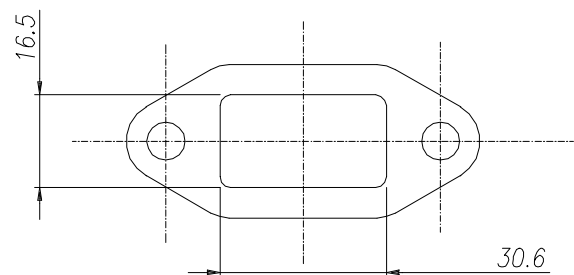
ALL MEASUREMENT DONE

WITH 0.2 FEELER GAUGE WIDE 8 mm

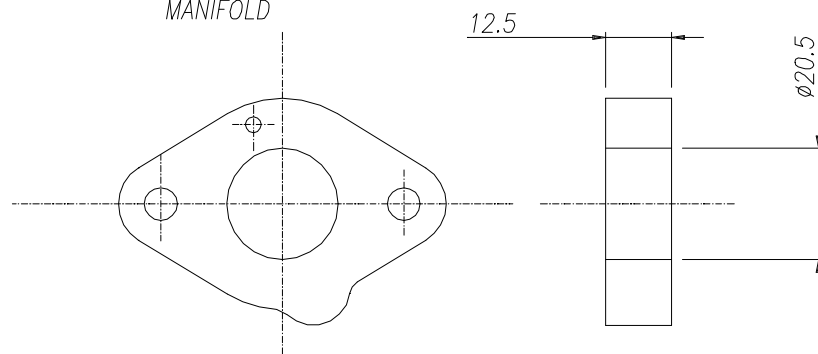
CYLINDER  
INTAKE FLANGE



CYLINDER  
EXHAUST FLANGE



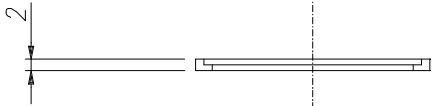
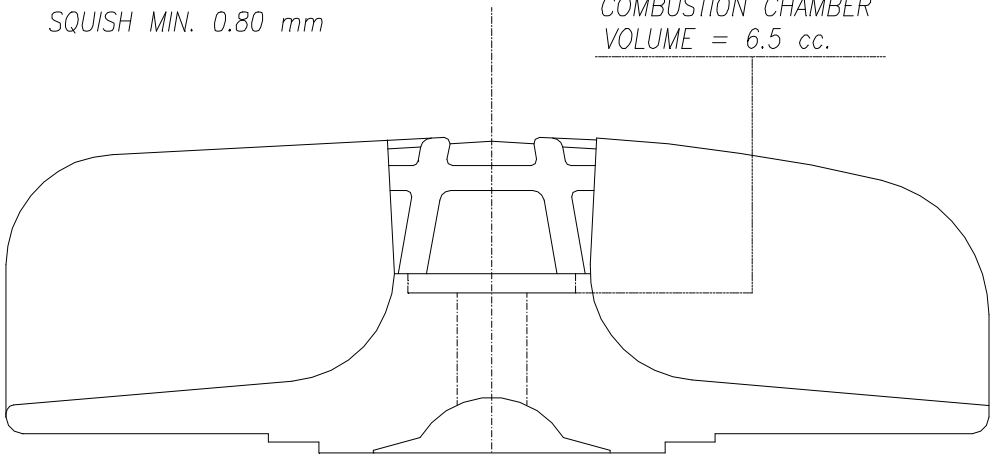
MANIFOLD



# HEAD- PISTON-CYLINDER

SQUISH MIN. 0.80 mm

COMBUSTION CHAMBER  
VOLUME = 6.5 cc.

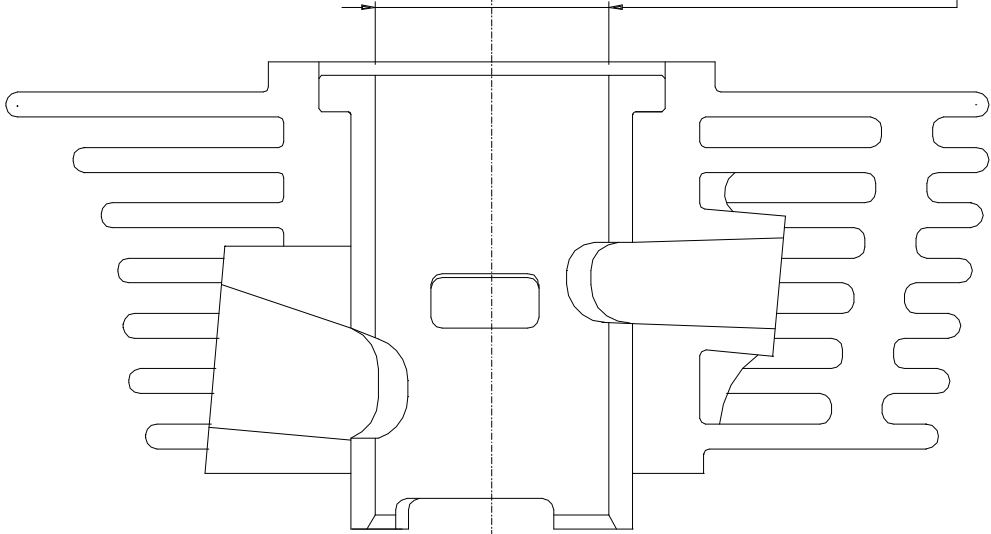
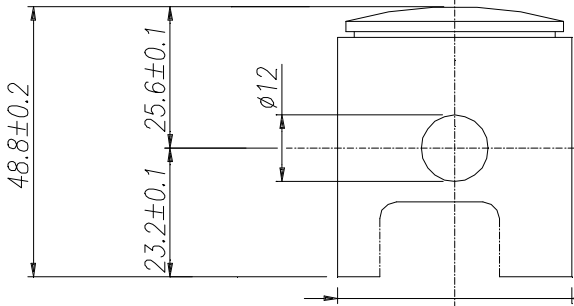


PISTON DIA.

LINER DIA.

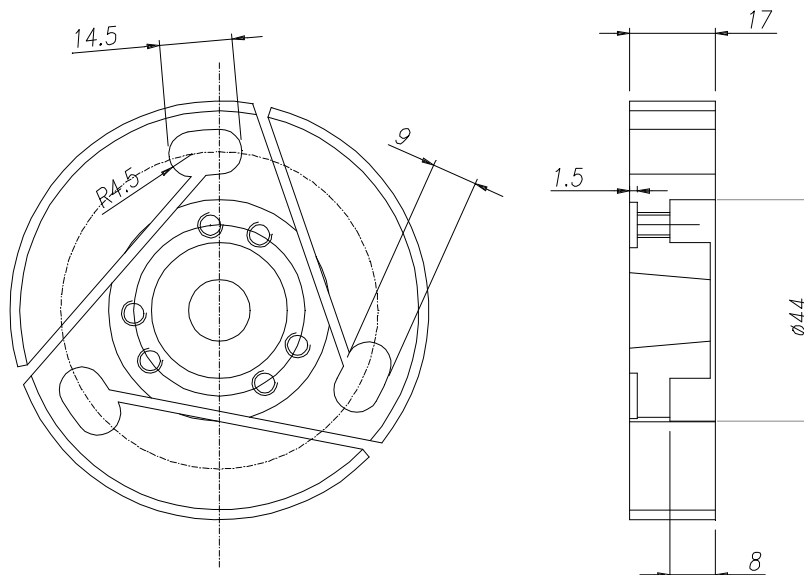
Ø 41.870
Ø 41.890
Ø 41.910
Ø 41.930
Ø 41.950
Ø 41.970
Ø 41.990
Ø 42.010
Ø 42.030
Ø 42.050

Ø 41.960
Ø 41.980
Ø 42.000
Ø 42.020
Ø 42.040
Ø 42.060
Ø 42.080
Ø 42.100
Ø 42.120
Ø 42.140



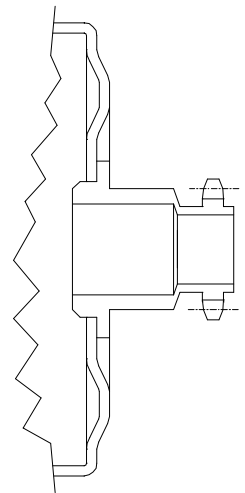
# CLUTCH

CLUTCH



COMER SPROCKET

11 TEETH PITCH 219

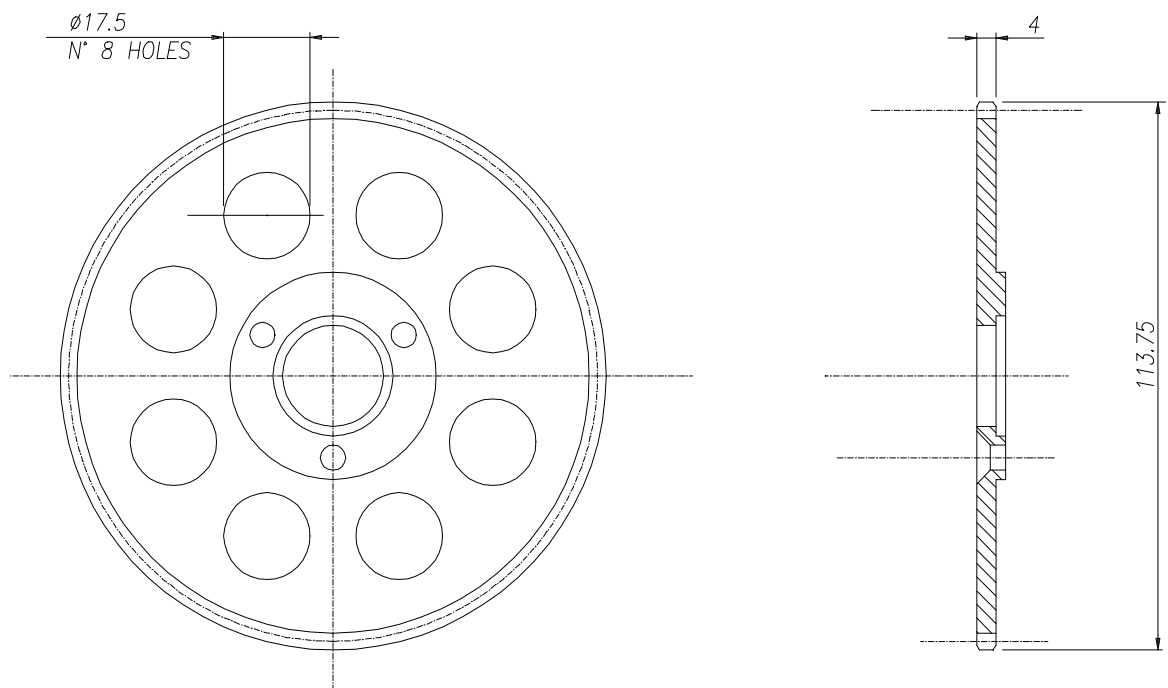


TOLERANCES  $\pm 0.3$

# ELECTRIC STARTER SPROCKET

ELECTRIC STARTER SPROCKET

63 TEETH



TOLERANCES  $\pm 0.3$

# MUFFLER

