

TECHNICAL FILE

Make: 

Model: *KWE8*

Costructor: *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	48.12 mm max	Fuel	- Mix 5%
		Ignition	- Eelectronic "SELETTRA" TWIN POLE
STROKE	44mm	Clutch	- Centrifugal one piece
CAPACITY	80 cc.	Sproket	- Z11 P219
		Carburetor	- Tillotson HL 334 ø19.8
		Starter	- Electric 12V.

STAMP AND SIGNATURE
 (National Sporting Authority)

TECHNICAL FILE

CAPACITY	80 c.c.
BORE	48.12 mm max.
STROKE	44 mm
CONNECTING ROD CENTER TO CENTER DISTANCE	92 mm
NUMBER OF TRANSFER PORTS	2
NUMBER OF EXHAUST PORTS	1
CARBURETOR DIAMETER	19.8 mm max.
IGNITION SISTEM	TWIN POLE
PISTON RING NUMBER OF/type	1 - "L" 2 mm
BEARINGS type: 6204 C4 with nylon cage.	20x47x14
PISTON ROLLER BEARING	12x16x16
CRANKSHAFT ROLLER BEARING	18x24x15

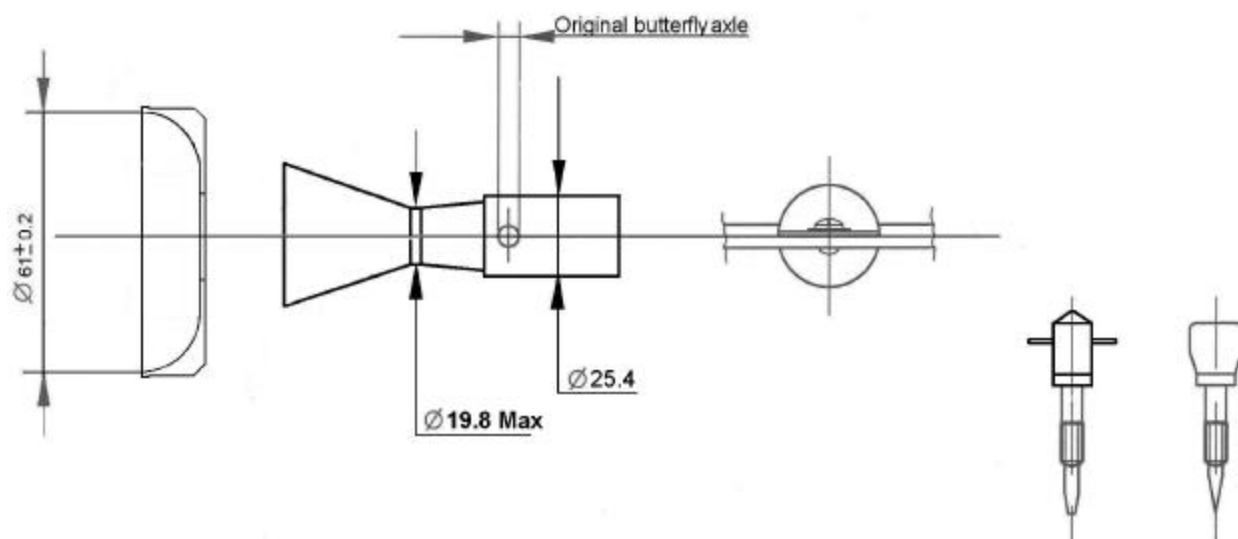
CYLINDER TECHNICAL FILE

STROKE	ANGLE	TOLERANCE
INTAKE	158° 30'	± 1° 30'
EXHAUST	167° 30'	± 1° 30'
TRANSFER	125°	± 1° 30'

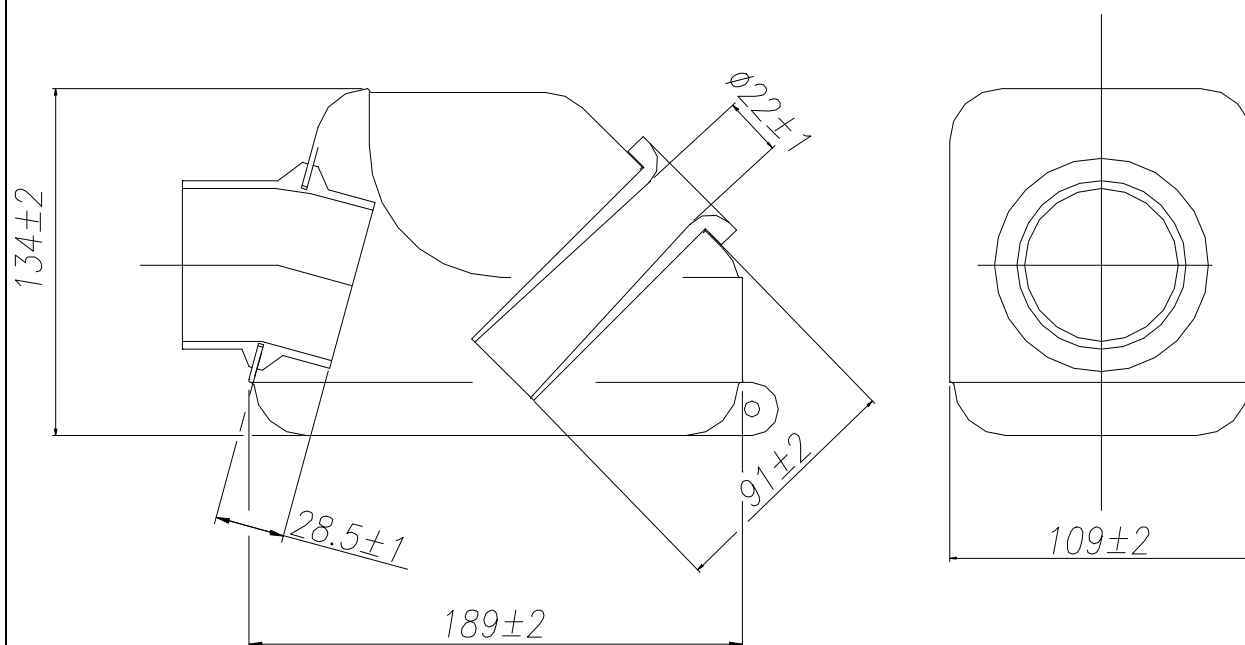
CARBURETOR

ORIGINAL CARBURETTOR "TILLOTSON HL 344"

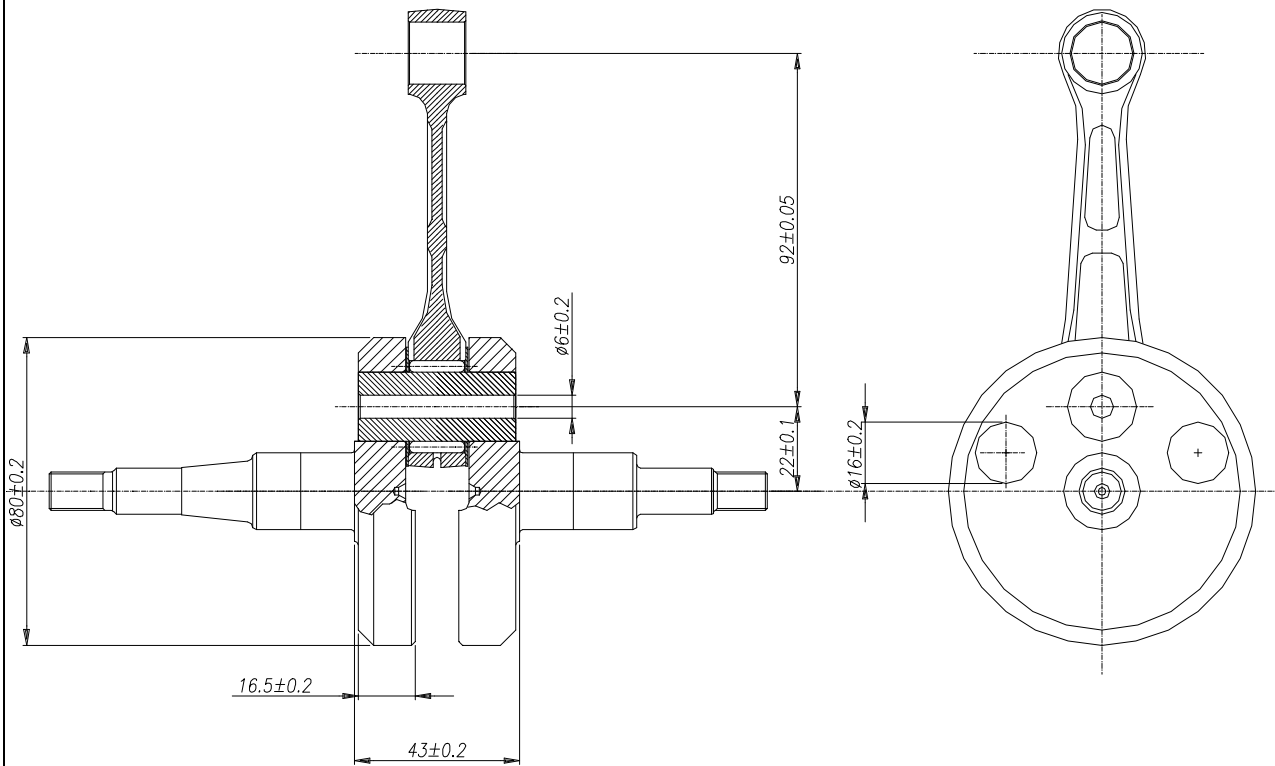
VENTURI $\varnothing 19.8$ mm Max.



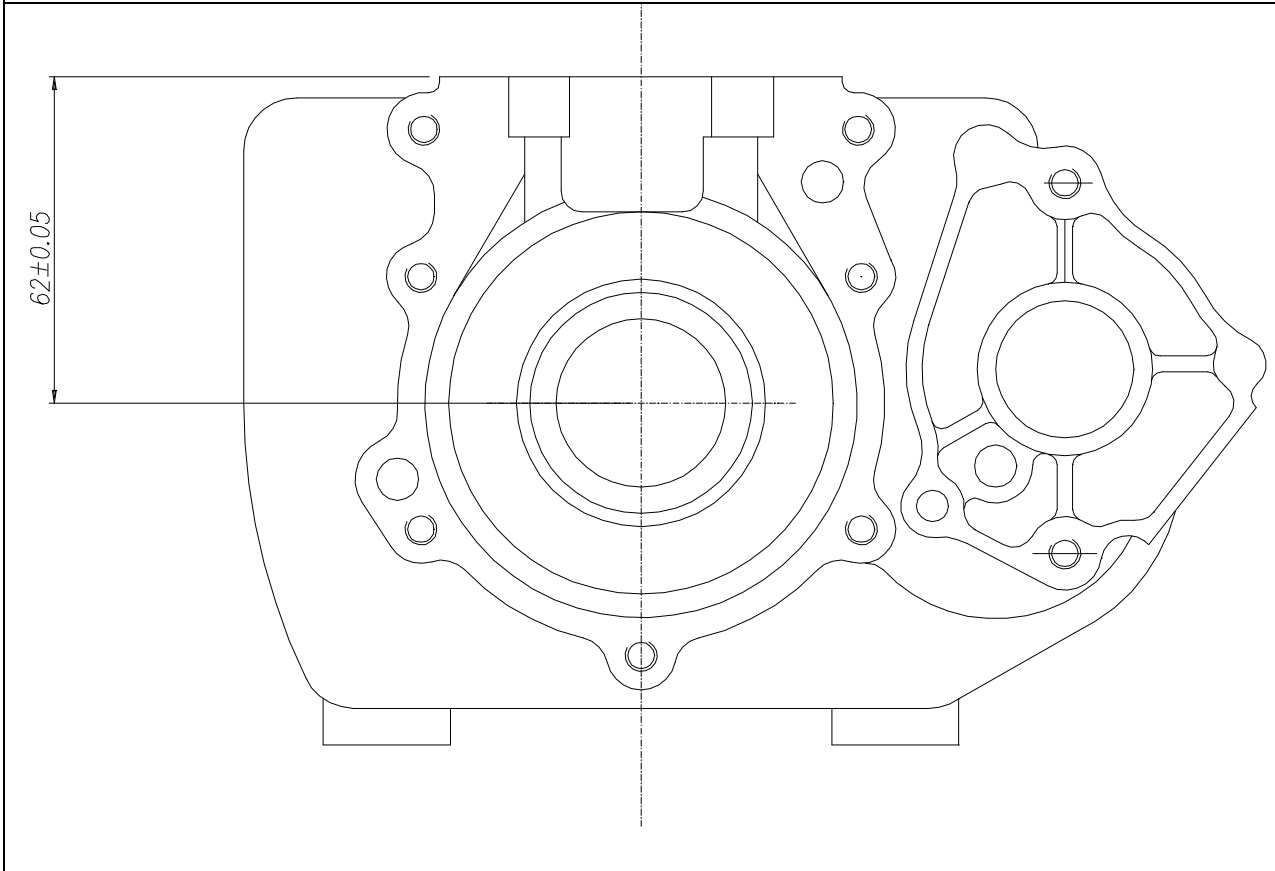
AIRBOX



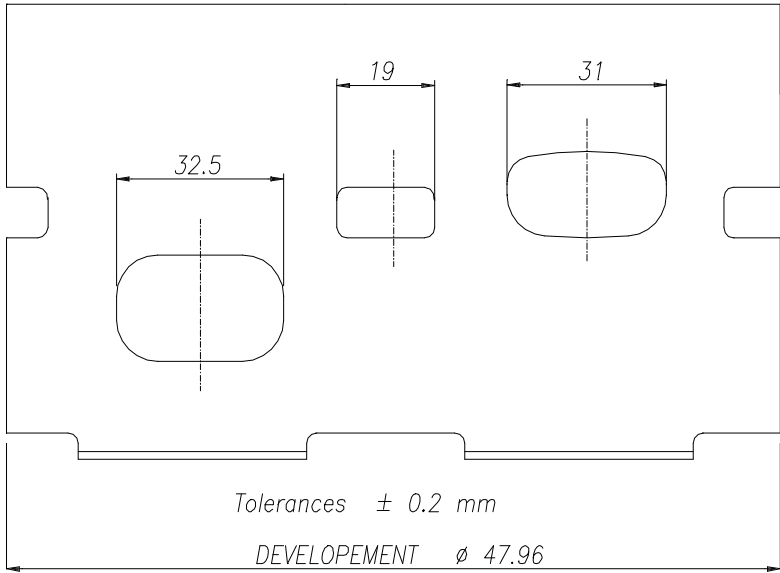
COMPLETE CRANKSHAFT



CRANKCASE



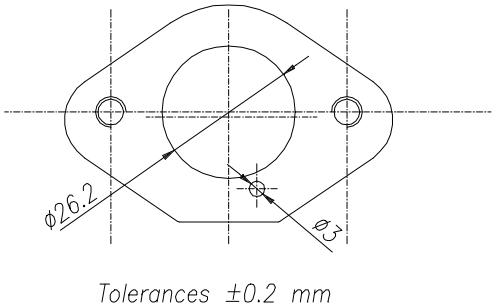
CYLINDER



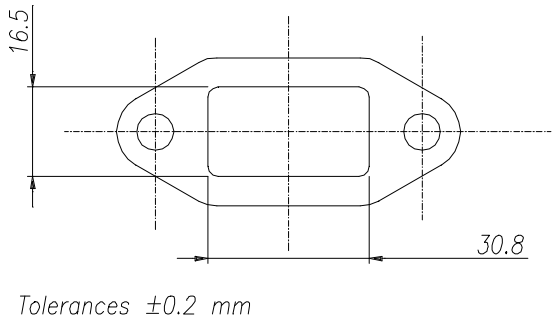
INTAKE	: 158°30'	± 1°30'
TRANSFER	: 125°	± 1°30'
EXHAUST	: 167°30'	± 1°30'

ALL MESUREMENT DONE
WITH 0.2 mm FEELER GAUGE WIDE 8 mm

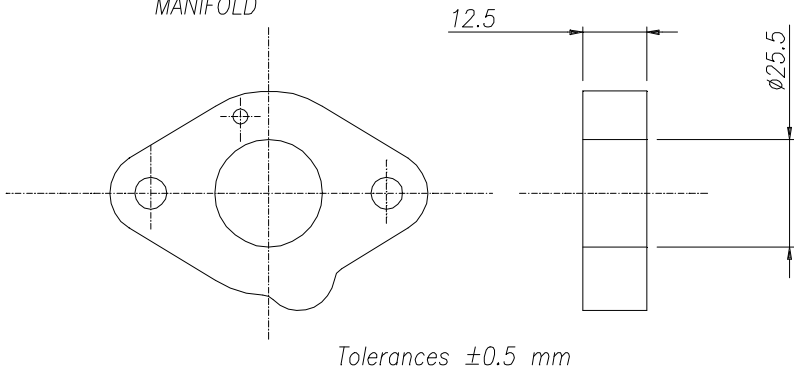
CYLINDER
INTAKE FLANGE



CYLINDER
EXHAUST FLANGE



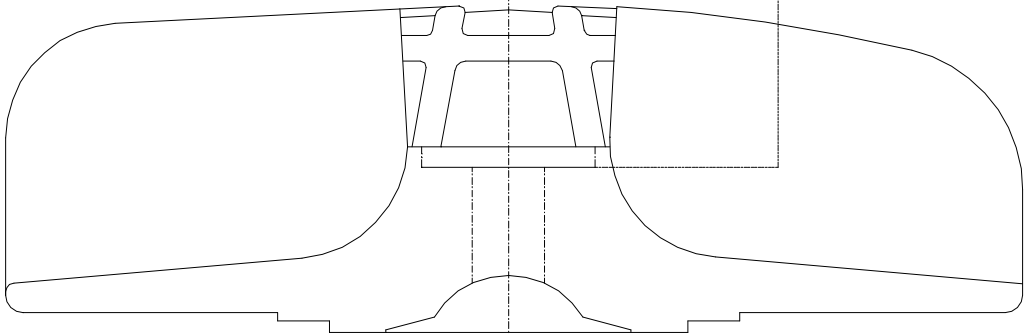
MANIFOLD



HEAD- PISTON-CYLINDER

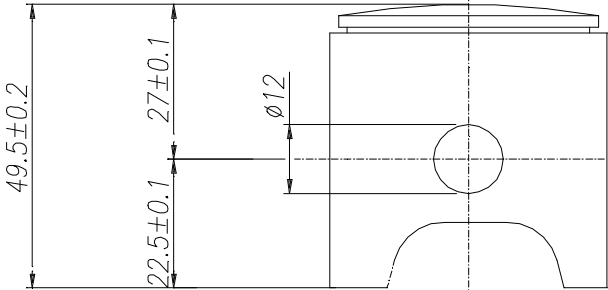
SQUISH MIN. 0.85 mm

COMBUSTION CHAMBER
VOLUME : 8.7 cc.



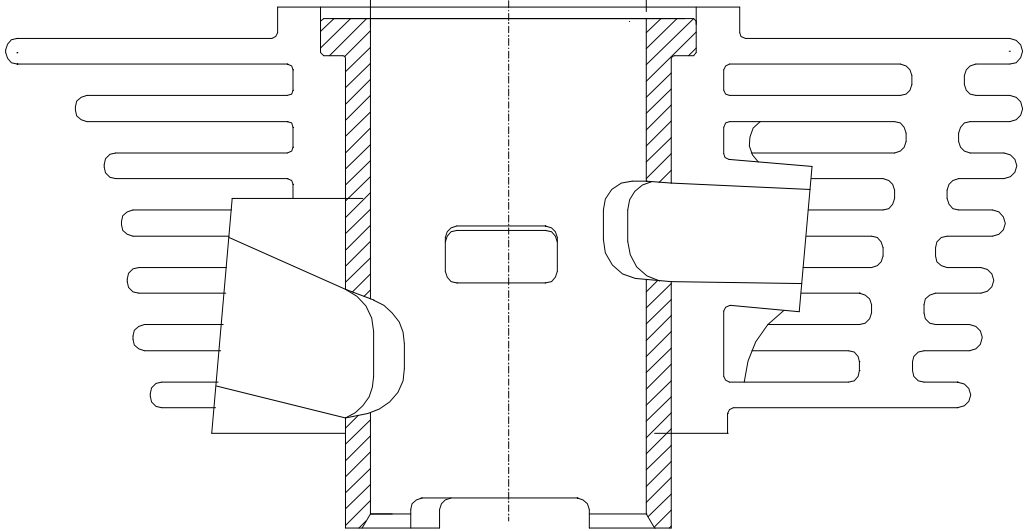
PISTON DIA.

LINER DIA.



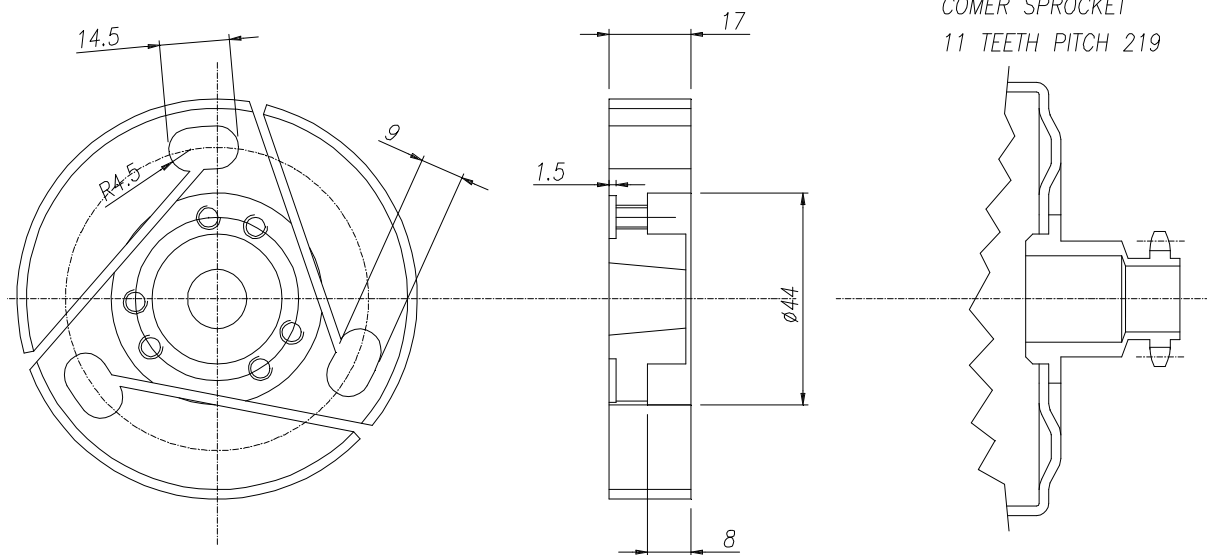
Ø 47.870
Ø 47.890
Ø 47.910
Ø 47.930
Ø 47.950
Ø 47.970
Ø 47.990
Ø 48.010
Ø 48.030
Ø 48.050

Ø 47.960
Ø 47.980
Ø 48.000
Ø 48.020
Ø 48.040
Ø 48.060
Ø 48.080
Ø 48.100
Ø 48.120
Ø 48.140



CLUTCH

CLUTCH

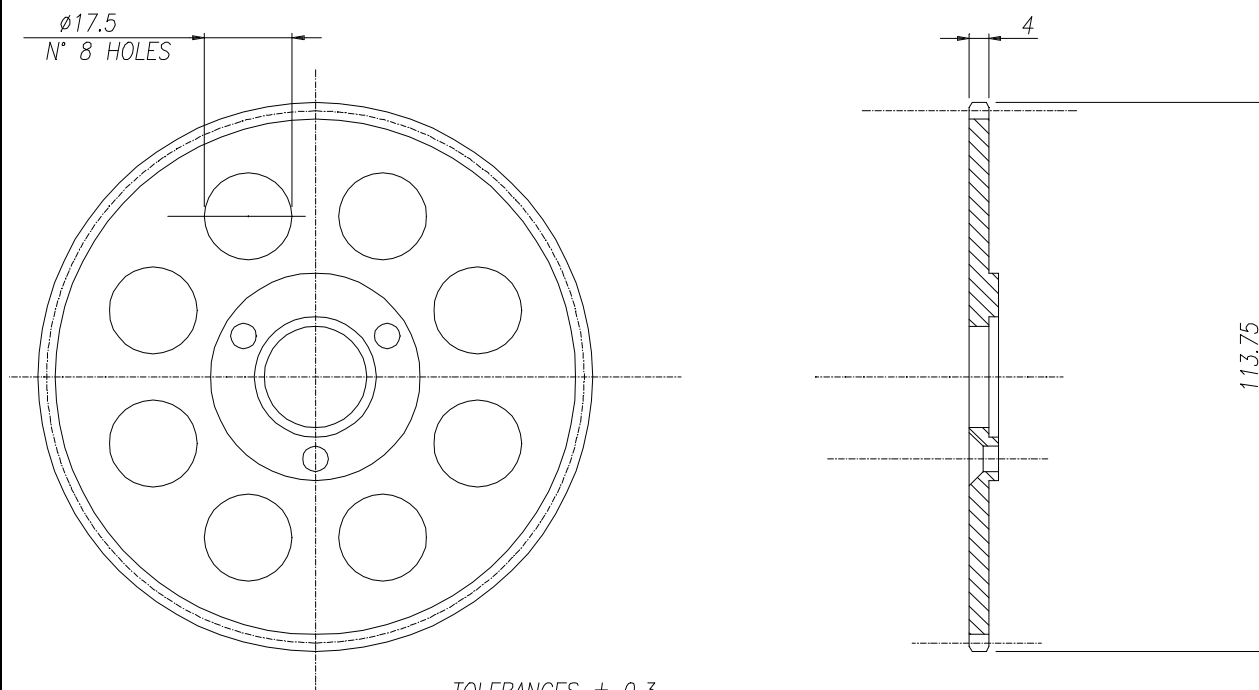


TOLERANCES ± 0.3

ELECTRIC STARTER SPROCKET

ELECTRIC STARTER SPROCKET

63 TEETH



TOLERANCES ± 0.3

MUFFLER

