

H1 MAXI V8

ENGINE SPECIFICATIONS:

LAYOUT- 3.0 to 3.3 Liter 90 degree V8, flat plane crankshaft

WEIGHT- 96kg

BORE & STROKE- 84mm bore x 74mm stroke (STD)

Optional strokes down to 68mm

Bore for turbo application is 81mm

COMPRESSION RATION- 13:1

POWER- 420 TO 520 hp at 10,000 rpm (NA)

TORQUE- 240 to 280 ftlbs

VALVING- 4 camshafts, 4 valves per cylinder.

CLUTCH- 115mm or 140mm twin disc

SPECIAL FEATURES:

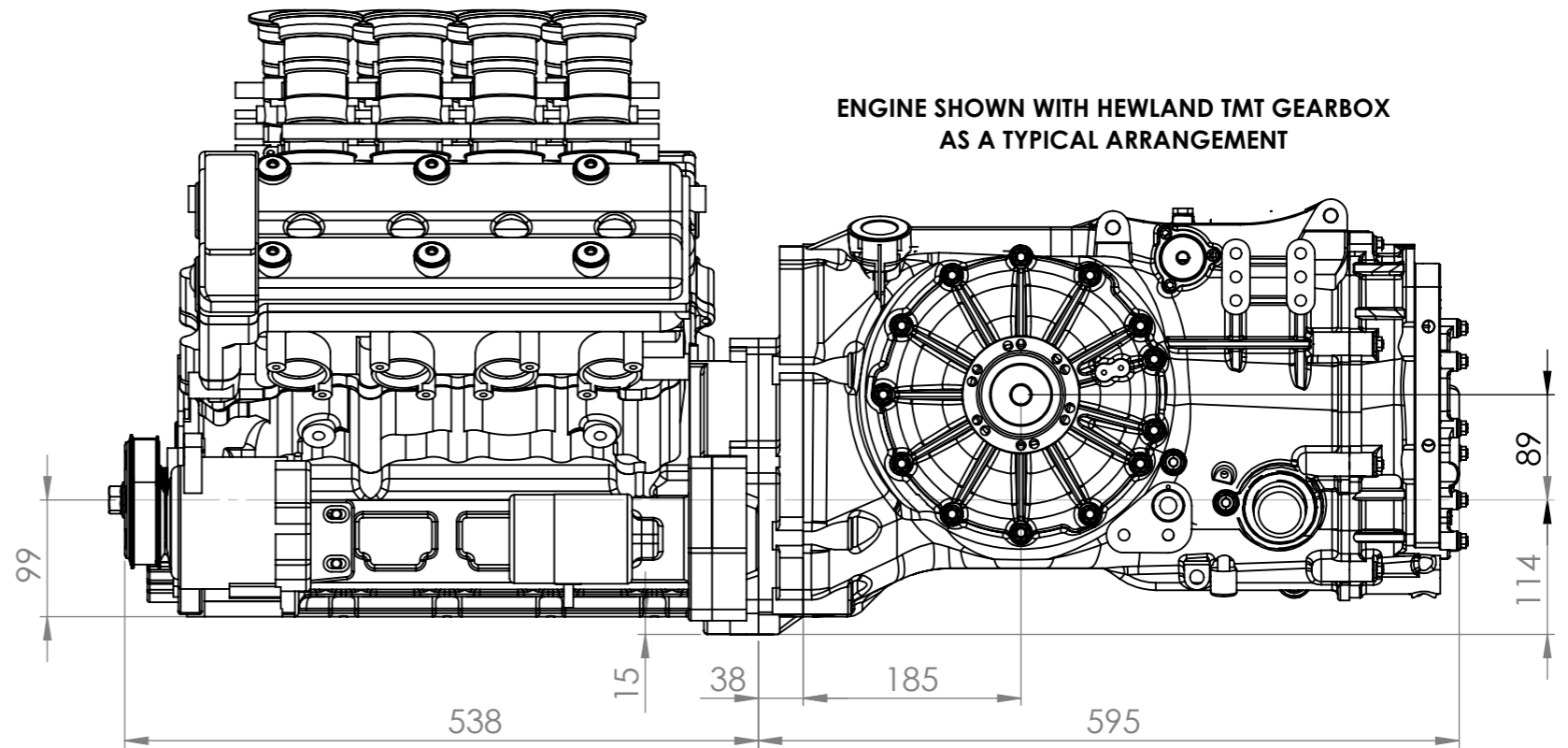
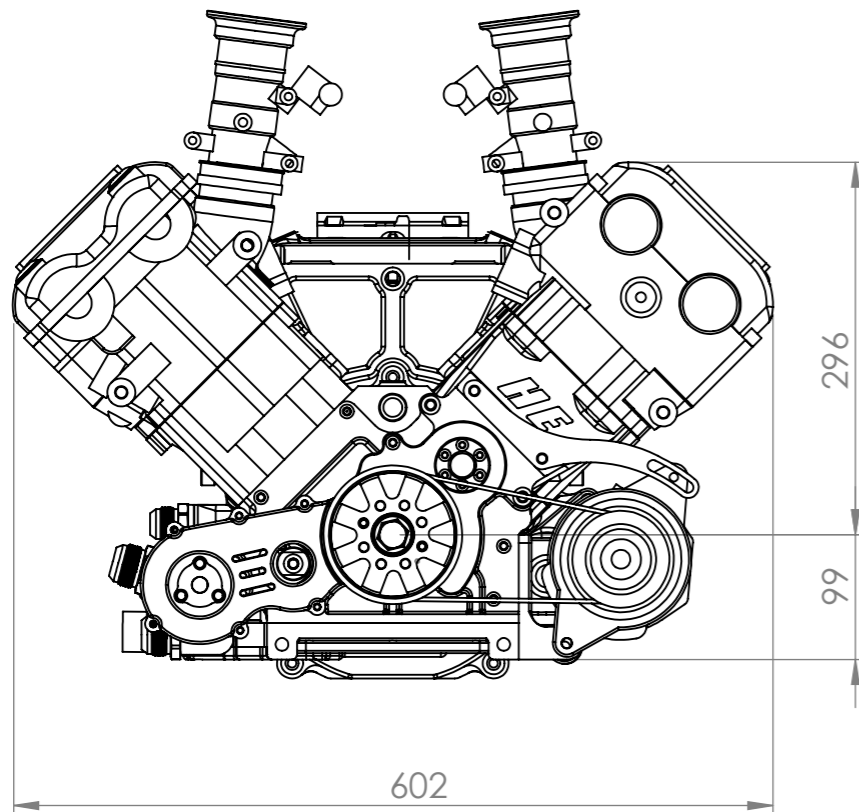
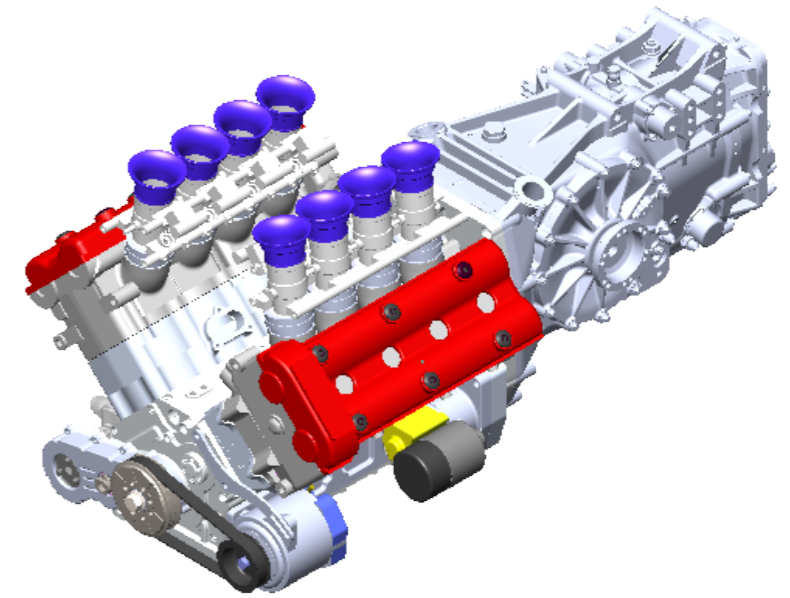
Unique opposite offset cylinders reduces length of engine

Low profile with sump 100mm below crank centerline

Crankcase is machined from billet, 6061-T6 Aluminum, optional 7075 alloy

6 stage oil pump including air/oil separator and water pump

Separate cylinders allow flexibility in displacement changes and servicing



ENGINE SHOWN WITH HEWLAND TMT GEARBOX
AS A TYPICAL ARRANGEMENT

**GENERAL SPECIFICATION DRAWING
DO NOT USE FOR CONSTRUCTION**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:	DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
NAME	SIGNATURE	DATE			TITLE: H1 MAXI V8	
DRAWN					DWG NO.	A3
CHK'D					601 R1 Design assembly	
APPV'D					SCALE:1:6	SHEET 1 OF 1
MFG			MATERIAL:			
Q.A			WEIGHT:			