

EXPERIMENTAL TWIN
CYLINDER ROCKING STEAM
ENGINE DESIGNED BY
Mr J.A.M. DE WAAL,
PAPAKURA, NEW ZEALAND

NOTE: THESE DRAWINGS HAVE BEEN CONVERTED TO SOLIDWORKS 2011
DATED 06-06-2013

EXPERIMENTAL TWIN CYLINDER ROCKING STEAM ENGINE
EXPERIMENTELE DUBBEL CILINDER TUIMEL STOOM MACHINE

DATE	APRIL 2006	COMMENTS THIS EXPERIMENTAL ROCKINGB STEAM ENGINE WAS DESIGNED ONLY AND WAS NEVER BUILT
NVM DWG No	UNKNOWN	
DRAWN BY	J.A.M. DE WAAL	
MODEL SCALE	NTS	
DRAWING SCALE	AS SHOWN	

TITLE
EXPERIMENTAL TWIN CYLINDER ROCKING STEAM ENGINE
COVER SHEET

PART	ENGLISH	NEDERLANDS	PART	ENGLISH	NEDERLANDS
1	BASE	BASIS	26	VALVE STEM	SCHUIF AS
2	BASE PLATE	GRONDPLAAT	27	VALVE YOKE	SCHUIF JUK
3	SIDE PLATE	ZIJ-PLAAT	28	VALVE	SCHUIF
4	CRANK BEARING	KRUK LAGER	29	M3 LOCKING SCREW	M3 GRENDEL SCHROEF
5	CRANK SHAFT	KRUK AS	30	M8 NIPPLE	M8 NIPPLE
6	CRANK PLATE	KRUK PLAAT	31	SPRING END	VEER UITEINDE
7	CRANK PIN	KRUK PEN	32	SPRING	VEER
8	CAM	NOK	33	45DEG COPPER PIPE	45GRADEN GEBOGEN KOPER PIJP
9	CAM FOLLOWER	STOOTSTANG	34	PISTON RING	ZUIGER RING
10	CONNECTING ROD BUSH-1	KRUK STANG LAGER-1	35	3X10 ROLLPIN	3X10 ROL PEN
11	CONNECTING ROD BUSH-2	KRUK STANG LAGER-2			
12	CONNECTING ROD	KRUK STANG		BRASS	MESSING
13	CYLINDER BLOCK PARTITION	CILINDER BLOK SCHEIDING		BRONZE	BRONS
14	CYLINDER BLOCK	CILINDER BLOK		S/STEEL	ZILVER STAAL
15	FLYWHEEL KEY	VLEIGWIEL SPIE		S/STEEL	ROESTVRIJ STAAL
16	FLYWHEEL	VLEIGWIEL		ALUMINIUM	ALUMINIUM
17	GUIDE-1	GELEIDER-1		COPPER	KOPER
18	GUIDE	GELEIDER		STEEL	STAAL
19	PISTON COVER BUSH	ZUIGER DEKSEL LAGER		WOOD	HOUT
20	PISTON COVER	ZUIGER DEKSEL			
21	PISTON YOKE	ZUIGER JUK			
22	PISTON	ZUIGER			
23	VALVE COVER BUSH	SCHUIF DEKSEL LAGER			
24	VALVE COVER	SCHUIF DEKSEL			
25	VALVE ROD	SCHUIF STANG			

REMOVE ALL BURRS AND SHARP EDGES

			JDW DRAUGHTING SERVICES 12 BRIGHTWELL STREET PAPAKURA NEW ZEALAND TEL/FAX 0064-09-2988815 E-MAIL:dewaal@xtra.co.nz	DRAWN BY J.A.M. DE WAAL	PROJECTION 	DRAWING NUMBER CS			
						DATE DECEMBER-2006	SCALE AS SHOWN	CAD FILE	REV A
A	ISSUED TO NVM	03/2007				DO NOT SCALE OF DRAWING			
REV	DESCRIPTION	DATE							