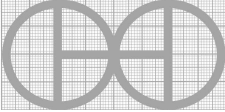


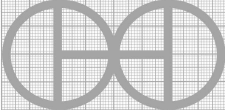
Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1	-	3d views	Threadle pump.iam	-	-	1
A2	-	Exploded 3d view	Threadle pump.ipn	-	-	2
B1	-	Parts list	uwd_tp_threadle_pump.csv	-	-	3-4
C1	-	Technical notes	-	-	-	5
1.0	-	Frame	Frame.ipn	-	-	6
1.1	2	Woodem base	Woodem base.ipt	Production	Hardwood 20mm	7
1.2	1	Union rail A	Union rail A.ipt	Production	Hardwood 20mm	8
1.3	1	Union rail B	Union rail B.ipt	Production	Hardwood 20mm	9
1.4	1	Union rail C	Union rail C.ipt	Production	Hardwood 20mm	10
1.5	1	Pivot	Pivot.ipt	Production	Hardwood 20mm	11
1.6	2	Threadle	Threadle.ipt	Production	Hardwood 25mm	12
1.7	2	Threadle spacer	-	Production	Hardwood 20x25x100mm	-
1.8	2	Pivot spacer	Pivot spacer.ipt	Production	Hardwood 20mm	13
1.9	1	Shaft pivot	-	Production	Steel C45 hardened bar 10x150mm	-
1.10	4	Nut pivot	-	Standard	DIN 985 nut M-10	-
1.11	2	Bolt	-	Standard	Bolt PN-92/M-82472 M8	-
1.12	2	Nut	-	Standard	DIN 985 nut M-8	-
1.13	18	Nails	-	buy	Steel nails 35x1.8mm	-
2.0	-	Valve body	Valve body.ipn	-	-	14
2.1	1	Sheet A	-	Production	Steel C45 sheet 198x138x0.75mm	-
2.2	1	Sheet B	Sheet B.ipt	Production	Steel C45 sheet 0.75mm	15
2.3	1	Sheet C	Sheet C.ipt	Production	Steel C45 sheet 0.75mm	16
2.4	1	Sheet D	Sheet D.ipt	Production	Steel C45 sheet 0.75mm	17
2.5	1	Sheet E	Sheet E.ipt	Production	Steel C45 sheet 0.75mm	18
2.6	1	Sheet F	Sheet F.ipt	Production	Steel C45 sheet 0.75mm	19
2.7	1	Sheet G	-	Production	Steel C45 sheet 200x63x0.75mm	-
2.8	1	Sheet H	-	Production	Steel C45 sheet 200x31x0.75mm	-
2.9	1	Sheet I	-	Production	Steel C45 sheet 198x50x0.75mm	-
2.10	1	Sheet J	-	Production	Steel C45 sheet 69x30x0.75mm	-
2.11	2	Tube	-	Production	PVC weldable pipe schedule 40, 33x100mm	-

PROJECT		CREATED BY		APPROVED BY		DATE		VERSION	
Threadle pump		J. Zeron		A. Morillo		03/09/2021		1.0	
PART NAME			FILE NAME					POS	
Parts list			uwd_tp_threadle_pump.csv					B1	
DEVELOPED BY			REDESIGNED BY		DOC. TYPE		MATERIAL		QUANTITY
					Parts list				
University of Warwick, DTU			OHO e.V.		LICENCE		SCALE		SHEET
					CC-BY-SA 4.0				3 /29

Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
3.0	-	Valve	Valve.ipn	-	-	20
3.1	4	Threaded rod	-	Standard	DIN 913 5x40m completely threaded bolt	-
3.2	4	Stiff rubber	Stiff rubber.ipt	Production	Rubber	21
3.3	4	Guide spacer	Guide spacer.ipt	Production	EN 10219:1997Steel A36 HSS square tube 30x30mm	22
3.4	4	Rubber Seal	Rubber Seal.ipt	Production	Rubber	23
3.5	4	Steel disc	Steel disc.ipt	Production	Steel C45 sheet 0.75mm	24
3.6	4	Washer	-	Standard	DIN 433 normal washer M-5	-
3.7	8	Nut valve	-	Standard	DIN 985 nut M-5	-
4.0	-	Handle	Handle.ipn	-	-	25
4.1	1	Tube handle	Tube handle.ipt	Production	Steel A36 square bar 15x15mm	26
4.2	1	Bar handle	-	Production	Steel A36 bar D15x400mm	-
4.3	2	Frame A	Frame A.ipt	Production	Steel A36 square bar 10x10mm	27
4.4	2	Frame B	Frame B.ipt	Production	Steel A36 square bar 10x10mm	28
4.5	1	Shaft pulley	-	Production	Steel C45 hardened bar D10x25mm	-
4.6	1	Groove pulley	-	Buy	Bore single groove 20mm section, 76mm	-
4.7	1	Threadle rope	-	Buy	Nylon rope 12mm, long. 1000mm	-
5.0	-	Cylinder	Cylinder.ipn	-	-	29
5.1	2	Tube	-	Production	PVC weldable pipe schedule 40, 73x250mm	-
5.2	2	Cup seal	-	Buy	Rubber cup seal, brightex, 07AAFCEB2762E1ZX	-
5.3	2	Adapter	-	Production	Steel C45 circular sheet D33x5mm	-
5.4	2	Shaft cylinder	-	Production	Steel C45 bar D10x180mm	-

PROJECT		CREATED BY		APPROVED BY		DATE		VERSION	
Threadle pump		J. Zeron		A. Morillo		03/09/2021		1.0	
PART NAME			FILE NAME					POS	
Parts list			uwd_tp_threadle_pump.csv					B1	
DEVELOPED BY			REDESIGNED BY		DOC. TYPE		MATERIAL		QUANTITY
University of Warwick, DTU					Parts list		SCALE		SHEET
					LICENCE				4 /29
			OHO e.V.		CC-BY-SA 4.0				