



+44 (0)1706 649217



+44 (0)1706 655512



[www.dunphy.co.uk](http://www.dunphy.co.uk)

## DATA SHEET

**Model: TL5**

**Revision Date: November 2018**

**Output: 1250 – 9800 kW**

**Revision Number: DS.TL5.13**



◆ All models approved to current British and European Standards.



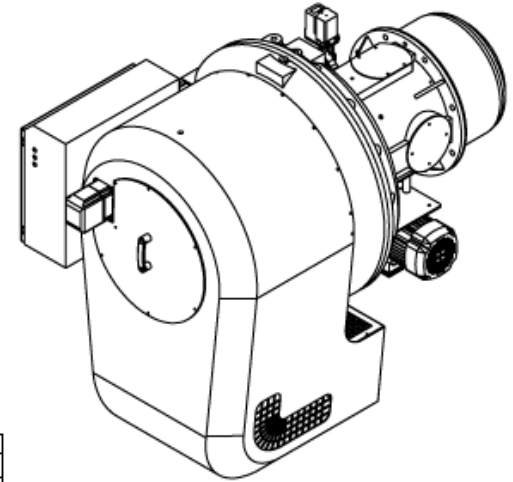
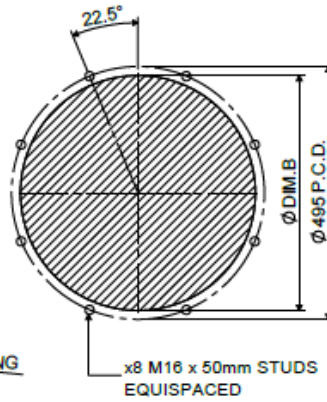
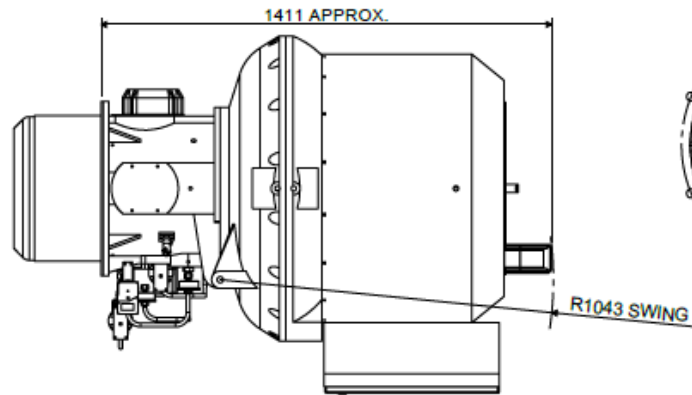
## BURNER DIMENSIONS

- Drawings shown on the following pages
- All dimensions in mm unless otherwise stated.
- The minimum standard dimension for 'PROJ' is 230mm and 280mm for multi-oil burners. However it can be varied to suit application, requirements should be stated when unit is ordered.
- The swing radius shown is the average; this can vary on non-standard burners.
- Burners supplied as Left hand hinge or Right hand hinge
- Please check the issue number to ensure validity.

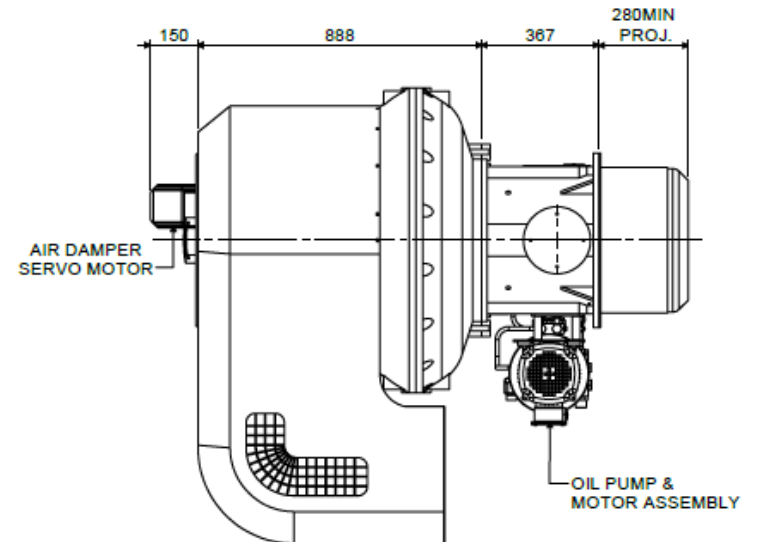
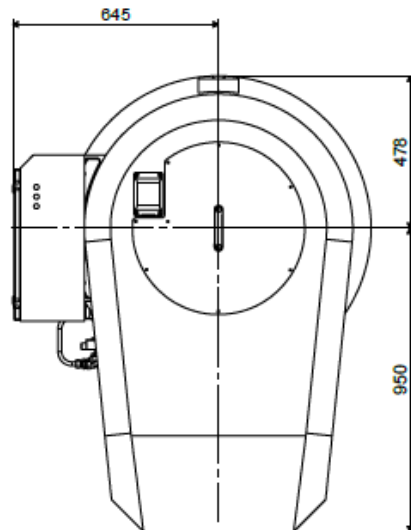
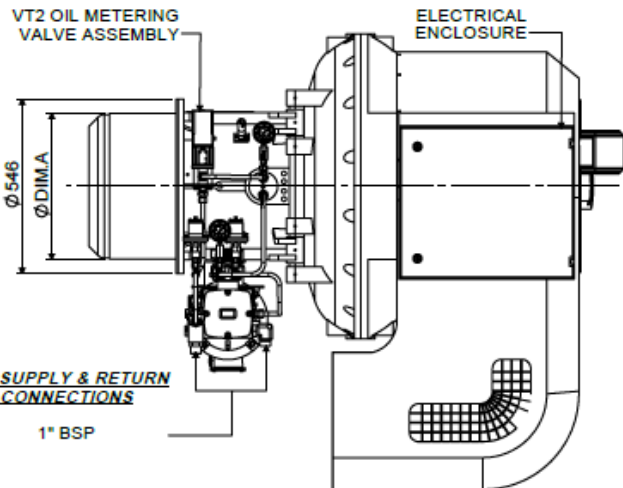
# ELECTRONIC MODULATION LHH

## TL5 ELECTRONIC MODULATION BURNER - LHH

### BOILER MOUNTING DETAILS



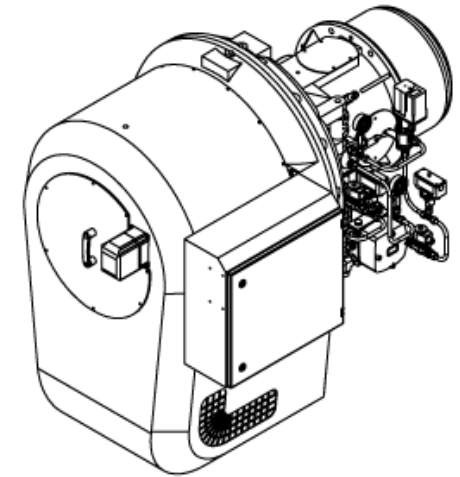
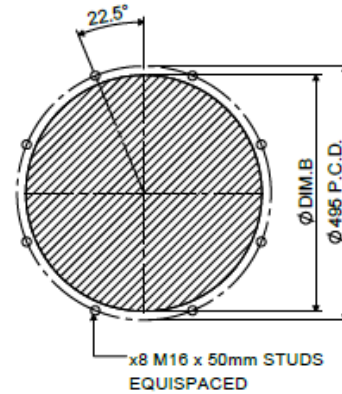
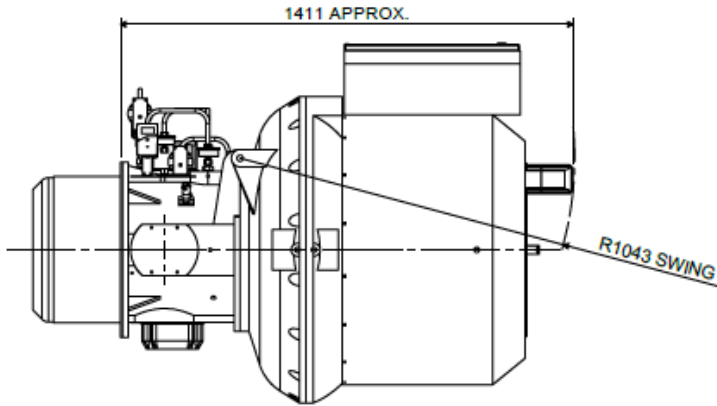
BURNER TYPE	DIM A	DIM B
TL 5.800 Z	Ø406	Ø413
TL 5.1000 Y	Ø456	Ø470



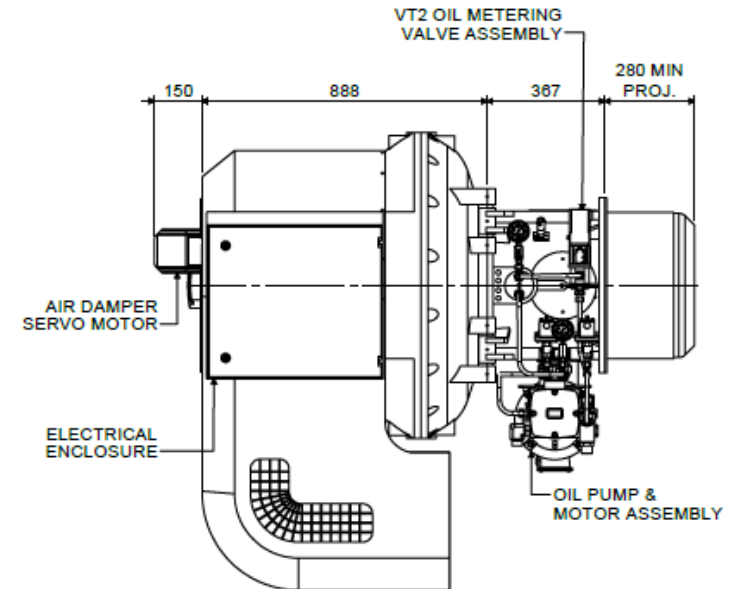
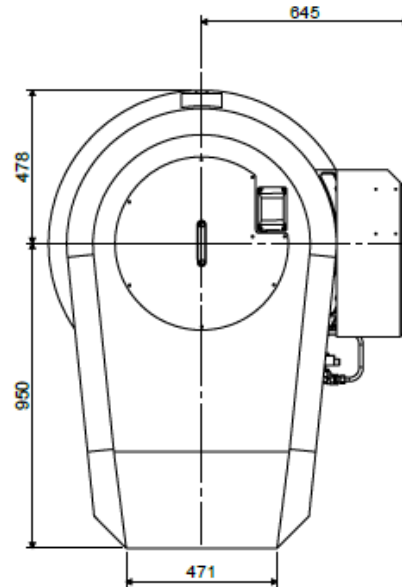
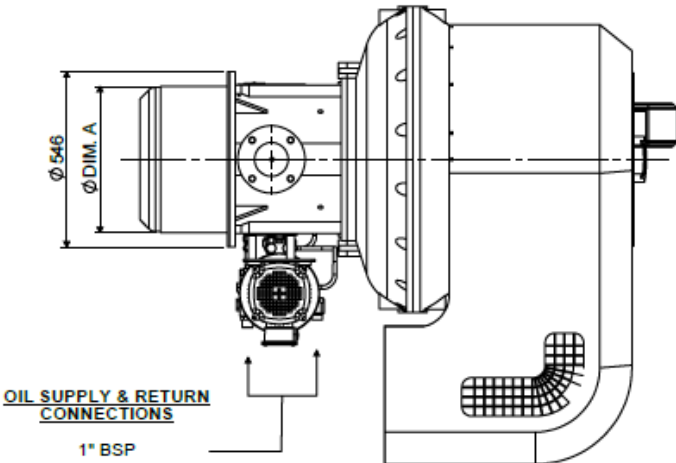
# ELECTRONIC MODULATION RHH

## TL5 ELECTRONIC MODULATION BURNER - RHH

### BOILER MOUNTING DETAILS

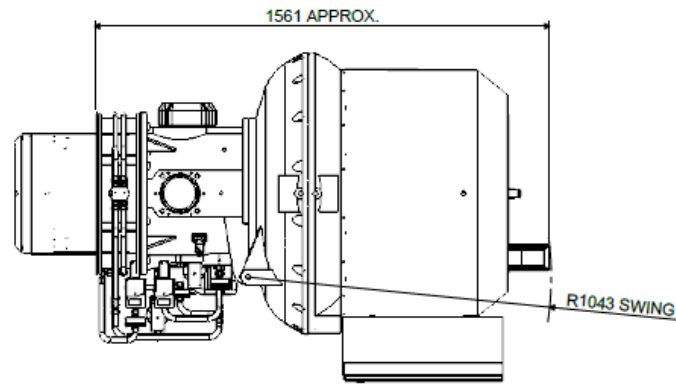


BURNER TYPE	DIM.A	DIM.B
TL 5.800 Z	Ø406	Ø413
TL 5.1000 Y	Ø456	Ø470

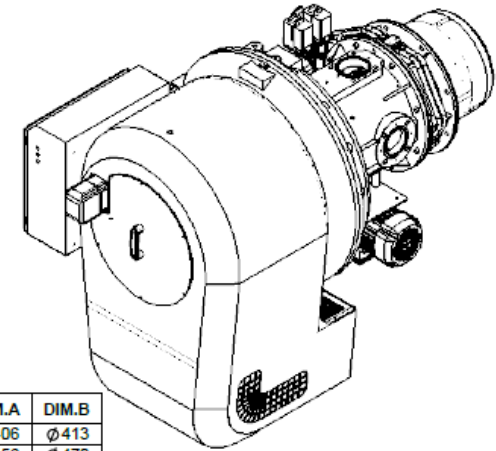
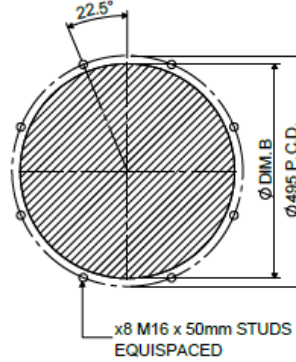


# ELECTRONIC MODULATION LOW NOX LHH

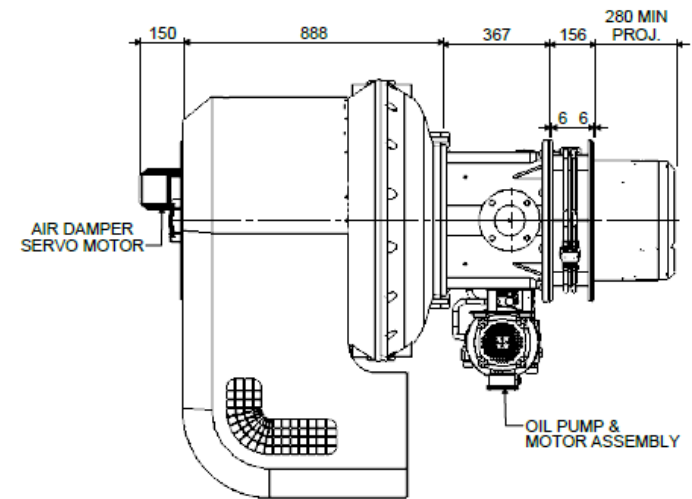
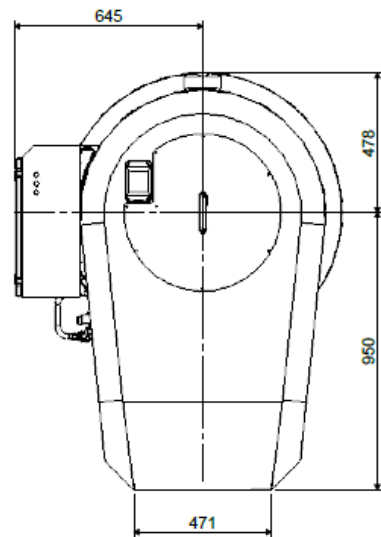
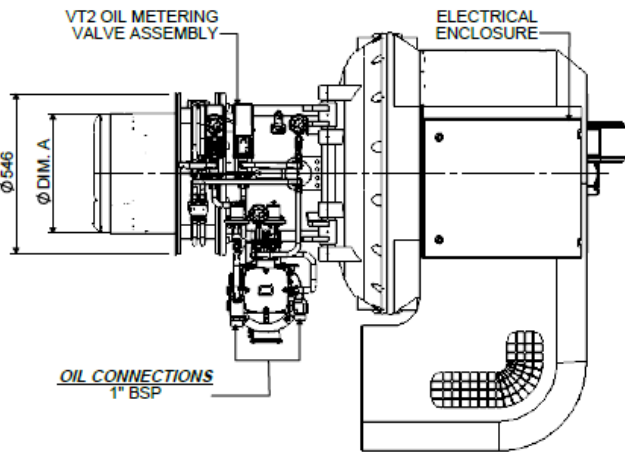
TL5.800-5.1000 MULTI-OIL ELECTRONIC MODULATION BURNER - LHH



BOILER MOUNTING DETAILS



BURNER TYPE	DIM.A	DIM.B
TL5.800	Ø406	Ø413
TL5.1000	Ø456	Ø470



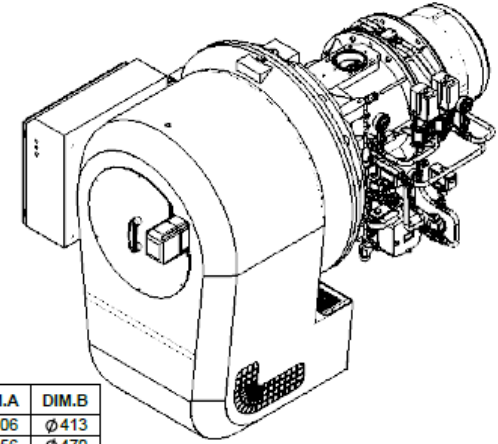
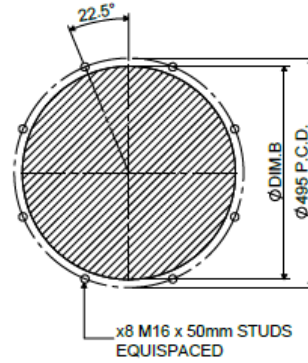
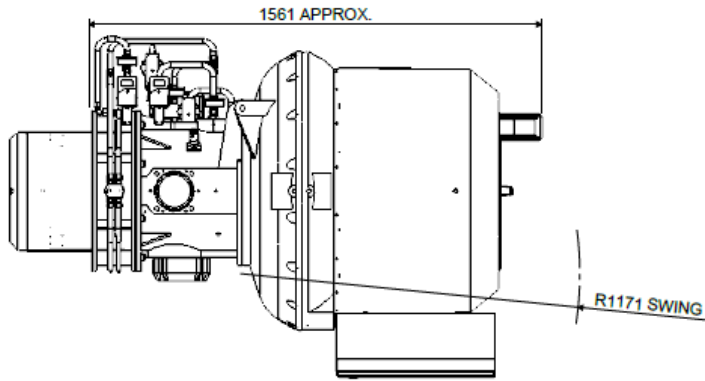
Approved

ECN	REV	CREATED	APP	DATE	REMOVE ALL SHARP EDGES AND BURRS		MATERIAL:	DRAWN BY:	DESCRIPTION: TL5 MULTI-OIL ELECTRONIC MODULATION BURNER GENERAL ARRANGEMENT	A3		
-	2	LLR	LLR	09/07/2018			FINISH:	LLR			LLR	
THIS DRAWING IS COPYRIGHT & IS THE PROPERTY OF DUNPHY COMBUSTION LTD. IT MUST NOT BE USED OR REPRODUCED WITHOUT THE EXPRESSED PERMISSION & LICENCE OF DUNPHY COMBUSTION LTD						DUNPHY COMBUSTION LTD QUEENSWAY, ROCKDALE, ENGLAND OL11 2SL TEL: 01706 648217 FAX: 01706 655512	UNLESS OTHERWISE STATED, ALL DIMENSIONS IN mm	DATE:	DRAWING NUMBER:	REVISION: 2	SHEET: 1 of 2	
							GENERAL TOLERANCE UNLESS OTHERWISE STATED	03/07/2018	GA23761			SCALE: 1:50
							MACHINING ±0.1	QUOTE No.:				
							FABRICATION ±1.0					

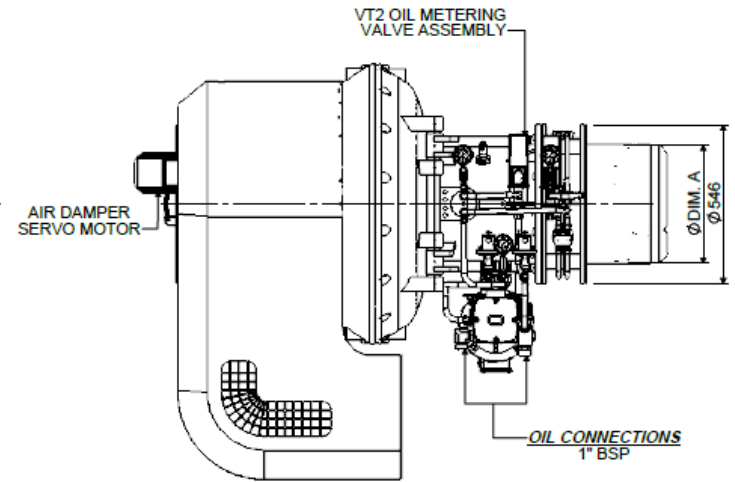
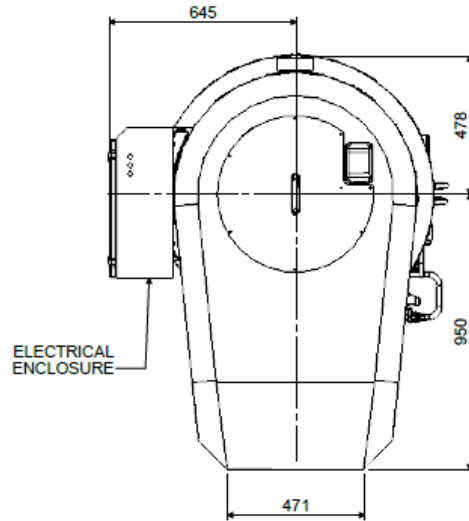
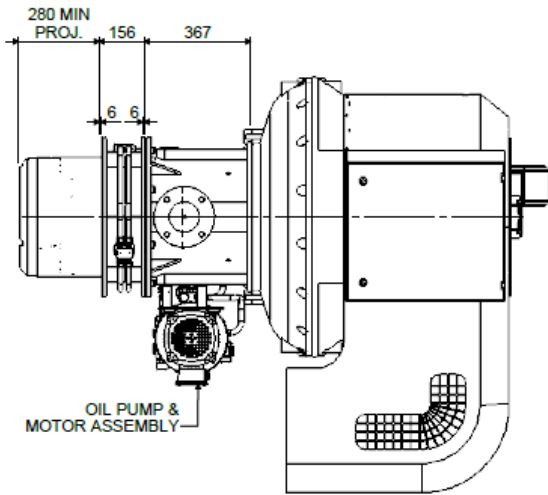
# ELECTRONIC MODULATION LOW NOX RHH

TL5.800-5.1000 MULTI-OIL ELECTRONIC MODULATION BURNER - RHH

BOILER MOUNTING DETAILS



BURNER TYPE	DIM.A	DIM.B
TL5.800	Ø406	Ø413
TL5.1000	Ø456	Ø470

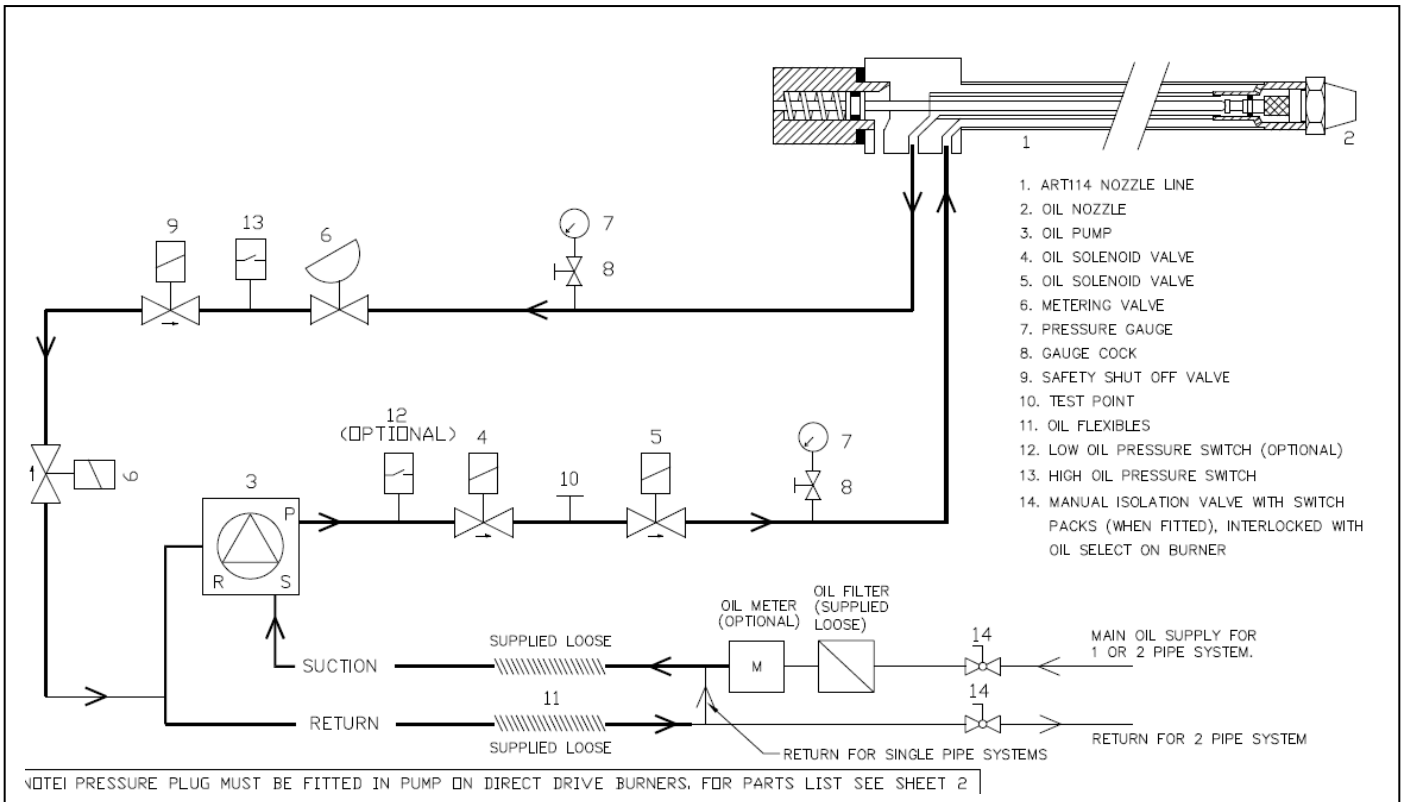


Approved

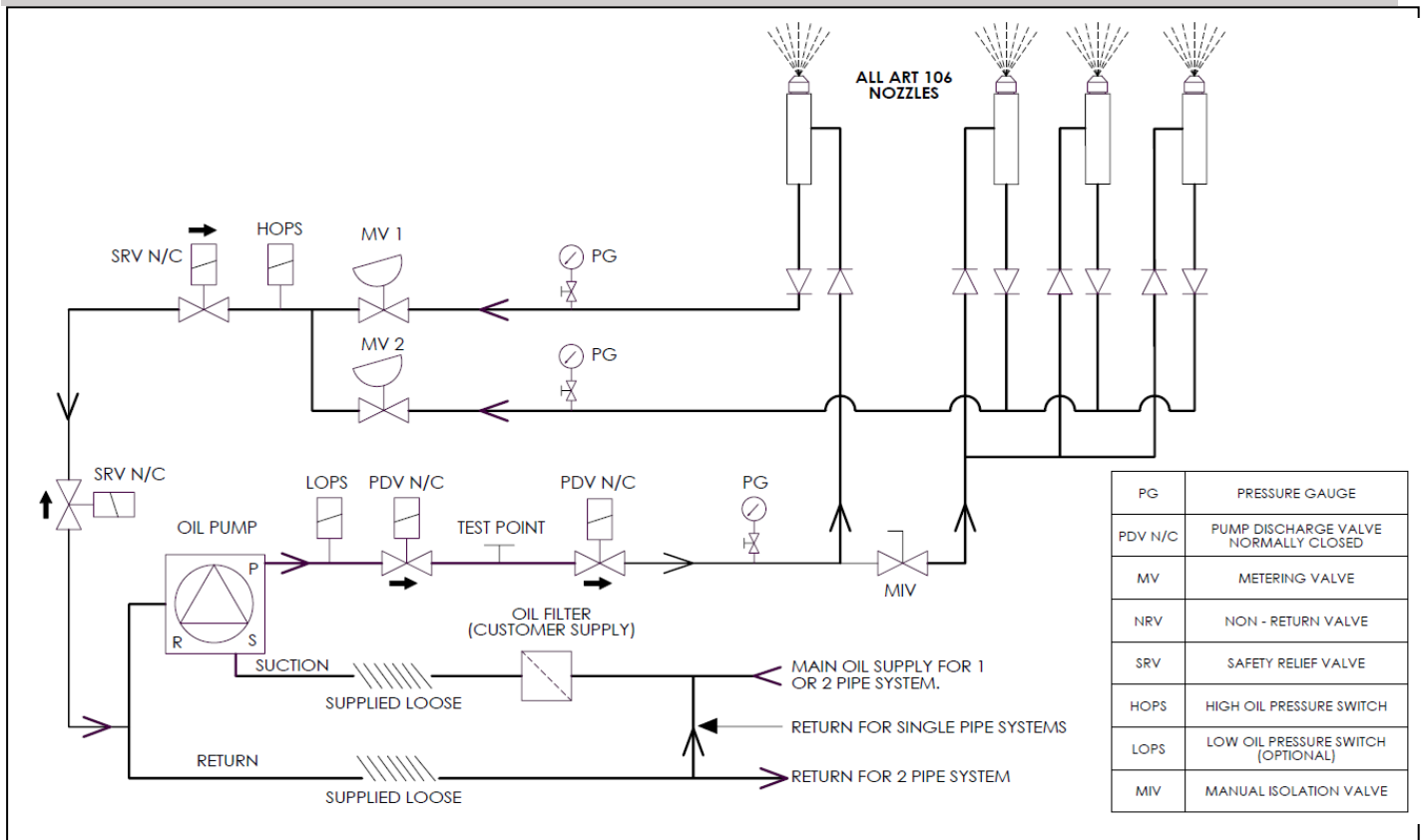
ECN	REV	CREATED	APP	DATE	REMOVE ALL SHARP EDGES AND BURRS	<b>DUNPHY</b>	MATERIAL:	DRAWN BY:	DESCRIPTION: TL5 MULTI-OIL ELECTRONIC MODULATION BURNER GENERAL ARRANGEMENT	A3	
-	2	LLR	LLR	09/07/2018			FINISH:	LLR			SITE REF:
THIS DRAWING IS COPYRIGHT & IS THE PROPERTY OF DUNPHY COMBUSTION LTD. IT MUST NOT BE USED OR REPRODUCED WITHOUT THE EXPRESSED PERMISSION & LICENCE OF DUNPHY COMBUSTION LTD.						DUNPHY COMBUSTION LTD QUEENSWAY, ROCKDALE, ENGLAND DL11 2SL TEL: 01706 645217 FAX: 01706 655512	UNLESS OTHERWISE STATED, ALL DIMENSIONS IN mm GENERAL TOLERANCE UNLESS OTHERWISE STATED MACHINING ±0.1 FABRICATION ±1.0	DATE: 03/07/2018	DRAWING NUMBER: GA23761	REVISION: 2	SHEET: 2 of 2
								QUOTE No.:	SCALE: 1:50	PROJECTION 3rd ANGLE	

# BURNER SCHEMATICS

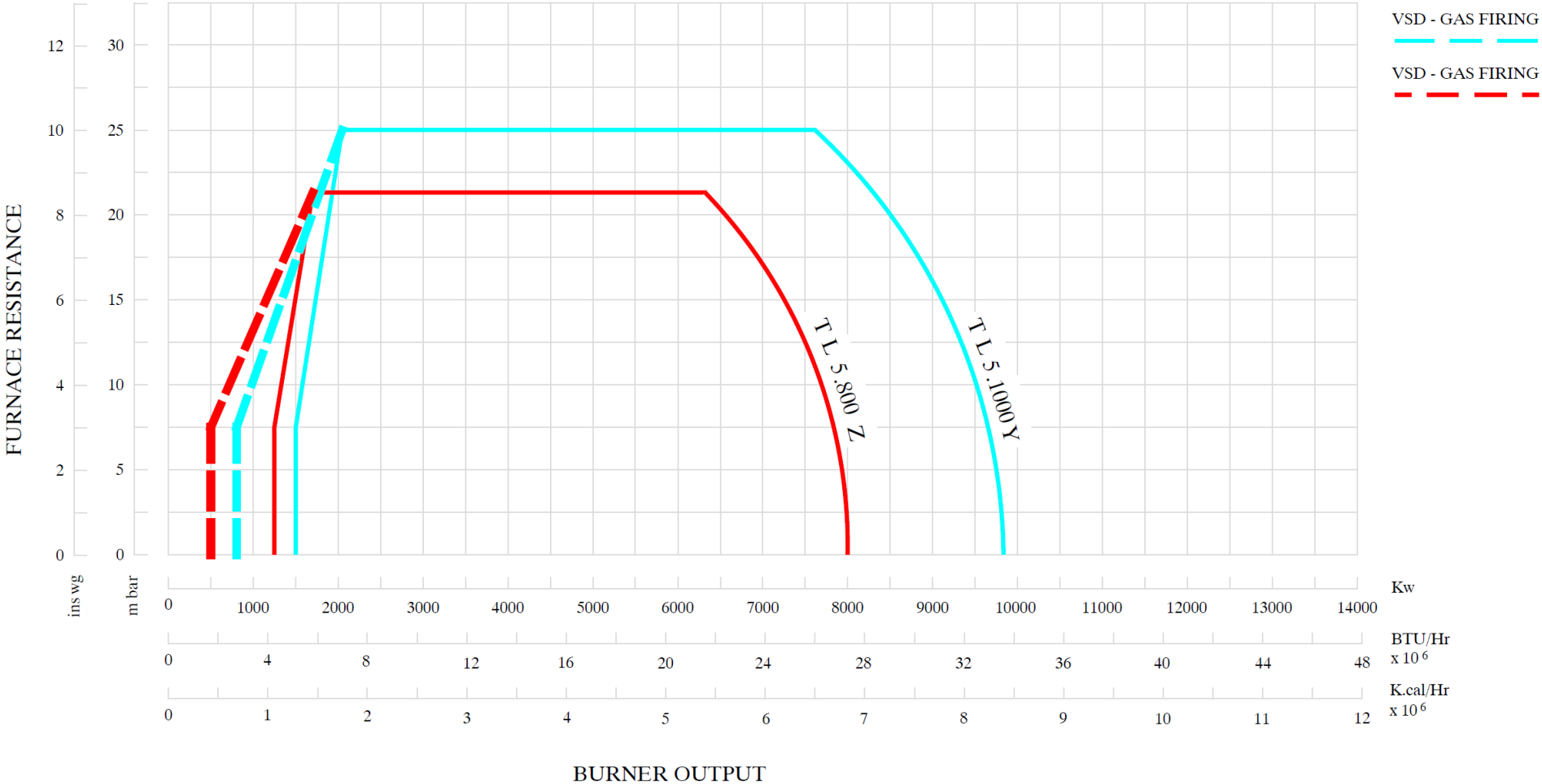
## OIL LINE SCHEMATIC FOR MODULATING LIGHT OIL BURNERS



## OIL LINE SCHEMATIC FOR MODULATING MULTI NOZZLE SYSTEM



# BURNER RATING GRAPH





## STANDARD SPECIFICATION DATA

BURNER TYPE	Firing Rate kW		FIRING MODE OPTIONS		Fan Motor kW	Pump Motor kW	Voltage	Hz	Ph	Running Current	Starting Current	Weight
	MIN	MAX	Mechanical Modulation	Electronic Modulation *								
TL5.800 Z	1250	8000		✓	18.5	3.0	380-420	50	3	51 A	107 A	515
TL5.1000 Y	1500	9800		✓	22	3.0	380-420	50	3	61 A	136 A	535

\* Fitted with a Ratiotronic 6000 system

Dunphy Combustion Ltd. has a policy of continuous development and reserve the right to change prices and specifications without prior notice