

### 3. TECHNICAL DATA

#### 3. 1. Summary

Model No. : (1) (2) (3) (4) (5)  
 BT N 3...30 L W

- (1) Company code
- (2) Series
- (3) Model No.
- (4) Light oil
- (5) With silencer

- ▶ One stage fire
- ▶ Remove burner without removing flange.
- ▶ Use one flange and heat-proof gasket to connect with boiler
- ▶ Single phase fan motor
- ▶ Photocell detects flame
- ▶ IP40
- ▶ Plastic protective cover

#### 3. 2. TECHNICAL PARAMETERS

BURNER	one stage fire						
	BTN3L/LW	BTN5L/LW	BTN8L/LW	BTN12L/LW	BTN15L/LW	BTN20L/LW	BTN30L/LW
Output KW	17.6-41.4	20-59	47-105	60-130	83-166	118-261	190-310
Kg/h	1.48-3.5	1.69-5	5-10	3.96-11	7-14	10-22	16-26
burner motor	230V	230V	230V	230V	230V	230V	230V
Voltage	230V	230V	230V	230V	230V	230V	230V
Frequency	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Output KW	0.09	0.09	0.1	0.13	0.2	0.2	0.25
CurrentA	0.09	0.09	0.1	0.13	0.2	0.2	0.25
rpm	2850	2850	2850	2850	2850	2850	2850
Controller	LOA24...	LOA24...	LOA24...	LOA24...	LOA24...	LOA24...	LOA24...
Photocell	QRB1	QRB1	QRB1	QRB1	QRB1	QRB1	QRB1
Air damper	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Oil pipe alone equipment							
- Oil input	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
- Oil return	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Oil pump	AS47A	AS47A	AS47A	AS47A	AS47A	AS47A	AS47A
Weight	9	10	10	10.5	12	12	12.5