

Industrial Engine Models & Specifications

HP@ ... RPM (Continuous Rating)



YANMAR		LN Series										N5		N6		
ENGINE	Cyl	Cooling	1500	1600	1800	2000	2200	2400	2600	2800	3000	3300	3600	Fuel		
L48N	1	Air									3.8		4.2	2.4LT		
L70N	1	Air									5.5		6.0	3.3LT		
L100N	1	Air									7.7		9.0	5.4LT		

YANMAR		TF Series													
ENGINE	Cyl	Cooling	1500	1600	1800	2000	2200	2400	2600	2800	3000	3300	3600	Fuel	
TF60	1	Water		3.1	3.7	4.1	4.5	5.0						7.1LT	
TF70	1	Water		4.2	4.7	5.2	5.5	6.0						7.1LT	
TF90	1	Water		6.0	6.8	7.4	8.0	8.5						10.5LT	
TF110	1	Water		6.8	7.8	8.6	9.3	10.0						11.0LT	
TF120	1	Water		7.2	8.1	9.0	9.8	10.5						11.0LT	
TF140	1	Water		8.8	9.8	10.8	11.8	12.5						14.3LT	
TF160	1	Water		9.4	10.5	11.7	12.7	14.0						14.3LT	
TS190	1	Water		11.8	13.8	15.1	16.1							13.7LT	
TS230	1	Water		15.3	17.0	18.5	19.0							21.5LT	

YANMAR		TNM / TNV Series													
ENGINE	Cyl	Cooling	G1 Engine			Variable Speed Engine								Fuel	
			1500	1600	1800	2000	2200	2400	2600	2800	3000	3300	3600		
2TNV70	2	Water				7.2	8.0	8.8	9.5	10.2	10.9	11.7	12.6	NA	
3TNM68	3	Water	7.0	8.3	8.9	10.0	11.1	12.2	13.3	14.4	15.1	16.5	18.1	NA	
3TNV70	3	Water	8.0	8.8	9.6	10.8	11.9	10.6	14.2	15.4	16.5	17.6	18.9	NA	
3TNM72	3	Water	9.0	9.9	10.6	11.7	12.9	14.1	15.5	16.8	17.9	19.5	22.8	NA	
3TNV76	3	Water	10.8	11.9	12.9	14.2	15.9	17.2	18.7	20.1	21.6	22.3		NA	
3TNV82A	3	Water	13.3	14.6	15.9	17.6	19.2	21.1	22.9	24.5	26.4			NA	
3TNV88	3	Water	16.3	18.0	19.6	21.7	24.0	26.0	28.3	30.3	32.7			NA	
3TNV84T	3	Water	19.0	20.9	22.7	28.8	29.5	30.1	32.3	35.1	37.4			NA	
4TNV88	4	Water	22.0	23.9	26.9	29.0	31.9	34.7	37.7	40.6	42.7			NA	
4TNV84T	4	Water	26.0	29.0	32.4	33.5	36.8	40.4	43.0	46.54	50.0			NA	
4TNV98	4	Water	41.7	45.7	49.7	50.5	55.0	59.4	61.6					NA	
4TNV98T	4	Water	50.5	55.6	60.7	61	66.9	72.7	75.3					NA	

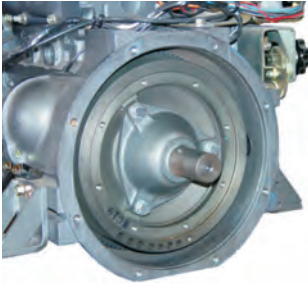
JCB POWER SYSTEMS		JCB IPU Series						
ENGINE	Cyl	Cooling	1500	1600	1800	2000	2200	
JCB444IPU-NA (320/50194)	4	Water	59.1	61.7	68.5	71.1	73.8	
JCB444IPU-TC3 (320/50197)	4	Water	67.1	69.8	72.4	73.8	73.8	
JCB444IPU-TC (320/50195)	4	Water	79.2	80.5	83.2	85.9	85.9	
JCB444IPU-TCA1 (320/50200)	4	Water	83.2	87.2	94.0	96.6	96.6	
JCB444IPU-TCA2 (320/50196)	4	Water	96.6	98.0	103.0	106.0	107.4	
JCB444IPU-TCAE-97 (320/50201)	4	Water	97.3	102.7	160.0	110.0	110.0	
JCB444IPU-TCAE-108 (320/50202)	4	Water	102.0	107.4	112.7	117.4	123.5	
JCB444IPU-TCAE-120 (320/50329)	4	Water	119.5	126.2	132.9	138.2	136.9	

Derating Factors

Ambient Conditions
Temperature
Humidity
Altitude

Derating Standard
3% for every 10°C over 20°C
3% for every 10% over 65%
1% for every 100m over 300m

Power Take Off Shafts to suit TNV engines (TWO OPTIONS)



OPTION 1:

Direct Coupled Stub Shafts (for long coupled)

- To suit:
 - **3TNM68 to 4TNV84T**
40mm x 80mm.
Pt# 106700-21500
 - **4TNV98(T)** SA engines
50mm x 130mm.
Pt# TNE-98-PTO
 - All **G1 engines** up to **4TNV84T** 40x80mm.
Pt# TNE-G1PTO
 - **4TNV98(T)G1 & JCB engines.**
50mmx116mm.
Pt# JCB-PTO



OPTION 2:

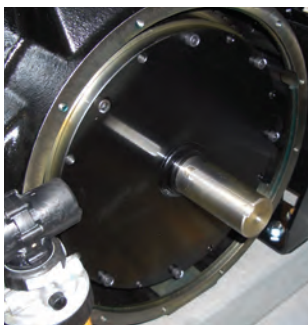
SAE5 Side Load PTO Kit (belt coupled)

- To suit all engines between **3TNM68 to 4TNV84T only:**
- Pt# 119888-89100



It is mandatory that Side Load PTO Kits be used in all belt driven applications.

Power Take off Shafts to suit JCB Engines



Stub Shaft

- To suit all JCB models
- 50mm Diameter
- 11 1/2" Flywheel

JCB-PT - Stub Shaft



Over hang load adapter

- Mechanical PTO
2 x 140mm "B" grooves,
rated up to 60kW

JCB - OHLA - Overhang load adapter



Twin disc over centre clutch kit

- SPIII Mechanical PTO
- Shaft 76.2mm dia x 165.10mm

JCB - TD OC KIT1
Twin disc over centre clutch kit



Twin disc over centre clutch kit

- SP2II Mechanical PTO,
shaft 76.2mm dia x 165.10mm

JCB - TD OC KIT2
Twin disc over centre clutch kit

Comments

- Twin disc application guidelines apply
- If in doubt please contact Power Equipment Pty Ltd



Australia, NZ and South Pacific Distributor

Contact us for your nearest dealer:

Fiji: +679-664-0827

www.baobabmarine.com