

in order to keep its manufacturing centers close to its customers.  
and ten manufacturing companies, Yanmar is an integrated  
engine plants and strategically positioned parts depots, including

ve, IL 60089-4508, USA

The Netherlands

**on Pte. Ltd.**

/asc

8311, Japan



# TNV SERIES

2TNV 70	3TNV 70	3TNV 70	3TNV 76	3TNV 76	3TNV 76	3TNV 82A	3TNV 82A	3TNV 84T	3TNV 84T	3TNV 88	3TNV 88	4TNV 84T	4TNV 84T	4TNV 88	4TNV 88	4TNV 98	4TNV 98T			
ASA	ASA	ASA3	CSA	CSA3	BDSA	BDSA	BKSA	BKSA2	BKSA3	BDSA	BDSA2	ZDSA	ZDSA2	ZDSA3	BDSA	BDSA2	BDSA3	ZNSA		
2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	ZNSA		
2.8 x 2.9	2.8 x 2.9	2.8 x 2.9	3.0 x 3.2	3.0 x 3.2	3.2 x 3.5	3.2 x 3.5	3.3 x 3.5	3.3 x 3.5	3.3 x 3.5	3.4 x 3.5	3.4 x 3.5	3.3 x 3.5	3.3 x 3.5	3.4 x 3.5	3.4 x 3.5	3.4 x 3.5	3.9 x 4.3			
70 x 74	70 x 74	70 x 74	76 x 82	76 x 82	82 x 84	82 x 84	84 x 90	84 x 90	84 x 90	88 x 90	88 x 90	84 x 90	84 x 90	88 x 90	88 x 90	88 x 90	98 x 110			
34.8	52.1	68.1	1116	1116	1330	1330	1496	1496	1496	100.2	100.2	121.7	121.7	133.6	133.6	133.6	202.5			
570	854	1116					1496	1496	1496	1642	1642	1995	1995	2189	2189	2189	3318			
Direct Injection																				
Inyección Directa – Injection Directe																				
Indirect Injection			Direct Injection																	
Inyección Indirecta – Injection Indirecte																				
Naturally Aspirated			Naturally Aspirated			Naturally Aspirated			Naturally Aspirated			Naturally Aspirated			Naturally Aspirated			Turbo Charged		
Aspiración Natural – Non Suralimenté			Aspiración Natural – Non Suralimenté			Aspiración Natural – Non Suralimenté			Aspiración Natural – Non Suralimenté			Aspiración Natural – Non Suralimenté			Aspiración Natural – Non Suralimenté			Turbochargado Turbocompressé		
13.7	21.9	25.0	25.0	25.0	30.2	30.2	38.9	38.9	38.9	35.9	35.9	55.2	55.2	47.5	47.5	47.5	83.5			
10.2	16.3	18.6	18.6	18.6	22.5	22.5	29.0	29.0	29.0	26.8	26.8	41.2	41.2	35.4	35.4	35.4	62.3			
3600	3600	3200	3200	3200	3000	3000	2800	2800	2800	3000	3000	3000	3000	3000	3000	3000	2500			
Mechanical																				
Mecánico – Mécanique																				
Electric			Electric			Electric			Electric			Electric			Electric			Electric		
Électrique			Électrique			Électrique			Électrique			Électrique			Électrique			Électrique		
16.3	20.8	19.8	22.4	21.4	23.0	21.3	24.7	23.0	23.0	24.7	23.0	26.7	26.7	28.4	26.7	26.3	29.8			
414.0	528.3	502.9	568.9	543.6	584.2	541.0	627.4	584.2	584.2	627.4	584.2	678.2	678.2	721.4	678.2	668.0	756.9			
16.5	16.8	16.8	16.8	16.8	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.5	20.5	20.2	20.2	20.5	21.9			
417.8	426.7	426.7	426.7	426.7	508.0	508.0	513.1	513.1	513.1	513.1	513.1	520.7	520.7	513.1	513.1	520.7	556.3			
20.6	21.5	21.5	22.6	22.6	24.0	24.0	27.4	27.4	27.4	26.2	26.2	28.0	28.0	25.5	25.5	28.0	33.0			
523.2	546.1	546.1	574.0	574.0	609.6	609.6	695.9	695.9	695.9	665.5	665.5	711.2	711.2	647.7	647.7	711.2	838.2			
185	220	198	243	198	282	282	355	355	355	342	342	397	397	375	375	397	540			
83.9	99.8	89.8	110.2	89.8	127.9	127.9	161.0	161.0	161.0	155.1	155.1	187.1	187.1	170.1	170.1	187.1	244.9			

SA = Flywheel / flywheel housing SA2 = Semi - flywheel housing SA3 = Flywheel / backplate

Model – Modelo – Modèle	Specification - Especificación – Spécificati
Cylinders – Cilindros – Nombre de Cylindres	
Bore x Stroke, inches	
Diámetro x Carrera, mm Alésage x Course, mm	
Displacement, in <sup>3</sup>	
Cilindrada, cc – Cylindrée, cc	
Combustion Type	
Tipo de Combustión Type de Combustion	
Aspiration	
Aspiración – Aspiration	
Net Intermittent Hp	
Potencia Neta Intermitente, kW Puissance Intermittente net, kW	
Rated Speed, rpm	
Velocidad de Régimen, rpm Vitesse nominale, rpm	
Governor Type	
Tipo de Gobernador Type de Gouverneur	
Length, inches	
Longitud, mm – Longueur, mm	
Width, inches	
Ancho, mm – Largeur, mm	
Height, inches	
Alto, mm – Hauteur, mm	
Dry Weight, lbs.	
Peso en Seco, kg – Poids à sec, kg	

Cylinders Cilindros Nombre de Cylindres	Starting System Sistema de Arranque Système de Démarrage	Rotation Speed, rpm Velocidad de Rotación, rpm Vitesse de Rotation, rpm	Rated Voltage, Volts Voltage de Régimen, Volts Tension Nominale, Volts	Maximum Output (AC), kW Salida Máxima (CA) Puissance de Sortie Maximum, kW	Frequency, Hertz Frecuencia, Hertz Fréquence, Hertz	Length Long Longi