

INDUSTRIAL DIESEL ENGINE

KUBOTA 03-M SERIES (3-cylinder)

D1803-M-E3B



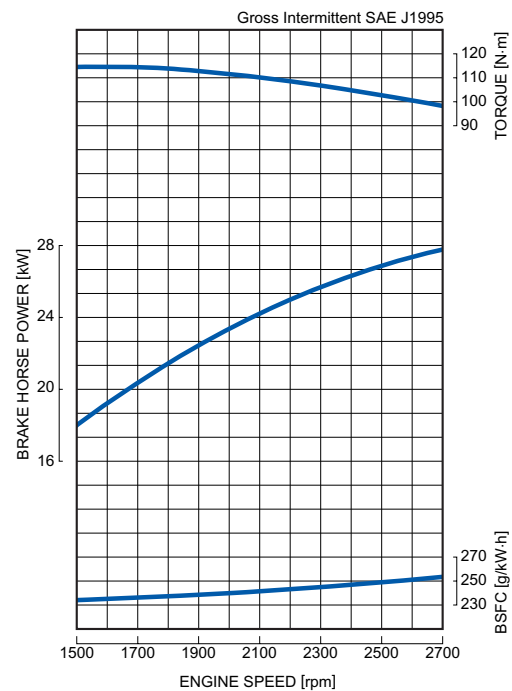
RATED POWER

27.9kW@2700rpm



Photograph may show non-standard equipment.

PERFORMANCE CURVE



FEATURES and BENEFITS

Emisii

Motorul D1803-M respecta standardele de emisii EPA Tier 4 care sunt valabile pana in 2012. Acest motor respecta de asemenea standardele EU Stage III A pe piata europeana.

Putere

Motorul este recunoscut pentru aplicatiile industriale. Cu numeroase facilitati, acest motor ofera performanta si flexibilitate.

Pasajul de racire dintre cilindru, foloseste tehnologia Kubota si contra-masuri impotriva supraincalzirii, pentru rezistenta si fiabilitate.

Curat si silentios

Sistemul E-TVCS a fost imbunatatit. Fluxul de aer, camera de combustie si pistonii sunt imbunatatiti sa ofere cu 50% mai putin PM (Particule in suspensie).

Optiune

Motoarele din seria 03-M ofera putere laterala take-off PTO, ca raspuns la trend-ul de marire a controlului hidraulic in aplicatiile industriale. Este posibila instalarea unei pompe hidraulice in 2 parti. Un motor pe injectie este de asemenea disponibil.

GENERAL SPECIFICATION

Model		D1803-M-E3B
Emission Regulation		Interim Tier 4 / Stage III A
Type		Vertical 4-cycle Liquid Cooled Diesel
Number of Cylinders		3
Bore	mm (in)	87 (3.43)
Stroke	mm (in)	102.4 (4.03)
Displacement	L (cu.in)	1.826 (111.4)
Combustion System		IDI
Intake System		Naturally Aspirated
Maximum Speed	rpm	2700
Output: Gross Intermittent	kW	27.9
	hp	37.4
	ps	37.9
Direction of Rotation		Counterclockwise Viewed on Flywheel
Oil Pan Capacity	L (gal)	7.0 (1.85)
Starter Capacity	V-kW	12-2.0
Alternator Capacity	V-A	12-40
Length	mm (in)	575.9 (22.7)
Width	mm (in)	499.0 (19.6)
Height (1)	mm (in)	684.0 (26.9)
Height (2)	mm (in)	265.5 (10.5)
Dry Weight	kg (lb)	151.0 (332.9)

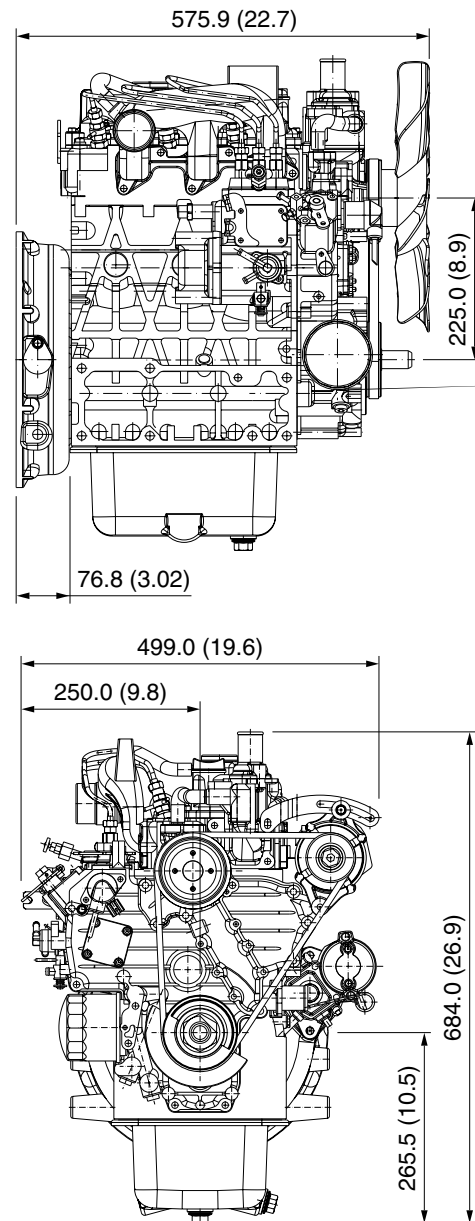
*Specification is subject to change without notice.

*Output: Gross Intermittent SAE J1995

*Dry weight is according to Kubota's standard specification.

When specification varies, the weight will vary accordingly.

DIMENSIONS



Mecanexim Engineering

Str. Tudor Arghezi, nr.1, Comuna 1 Decembrie, judetul Ilfov
Telefon: +40 744 671 621

<http://kubota.com.ro>

<http://www.mecanexim.ro/>