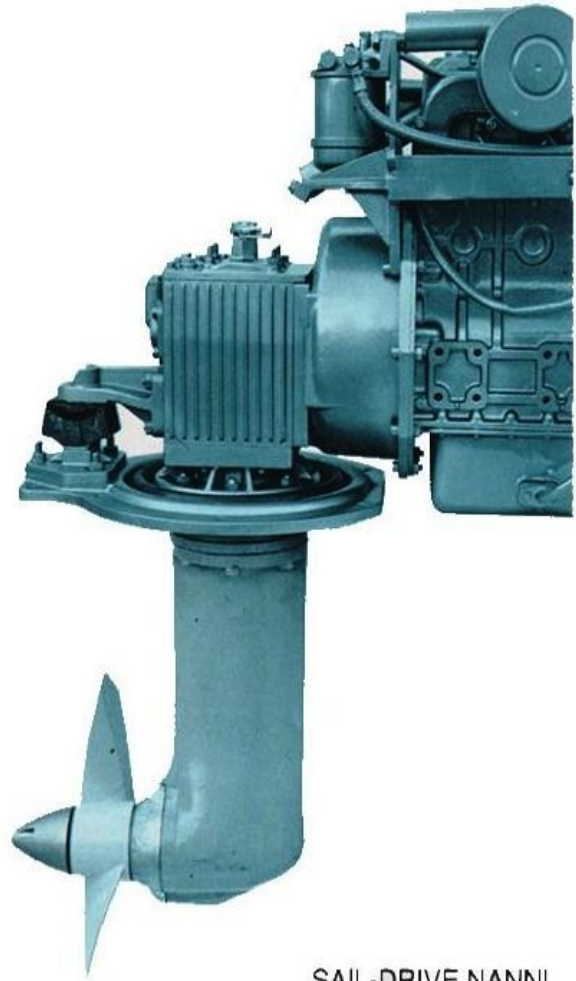




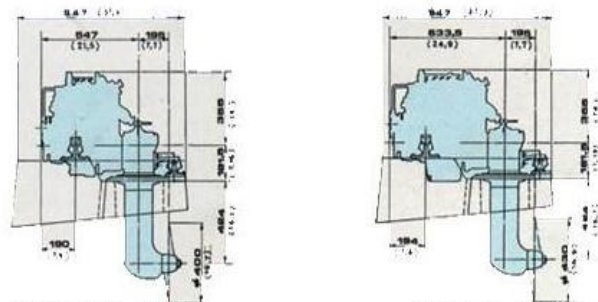
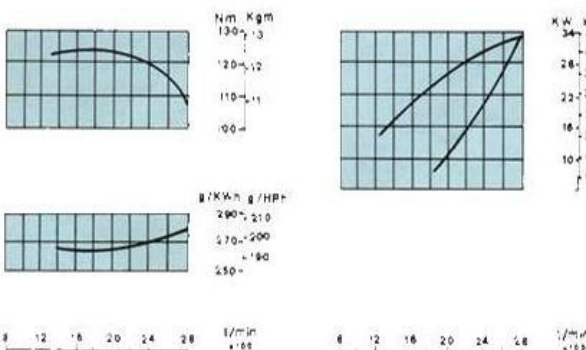
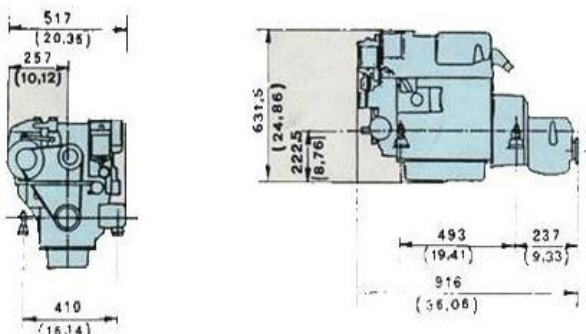
4.190 - 43 HP

Engine type:	4.190 HE
	4 cylinders, vertical
	heat exchanger
Base:	KUBOTA
Fuel:	diesel
Injection:	indirect
Cycle:	4-stroke
Cooling:	heat exchanger, fresh water circulation pump, sea water pump, expansion tank, cooled exhaust manifold
Displacement:	1861 cm <sup>3</sup> (113.57 cu. in.)
Bore & Stroke:	85x82 mm (3.35"x3.23")
Compression ratio:	21:1
Weight:	225 kg. (489 lbs)
Maximum output:	32.1 KW - 43 HP
Maximum r.p.m.:	2800 rpm
Gearbox:	Hurth HBW 100 - 150
Reduction ratios:	1.8:1 - 2:1 - 2.5:1
Alternator:	55 Amps. - 14 V
Starting:	electric 17 V - 1.4 KW
Maximum inclination:	15 degrees



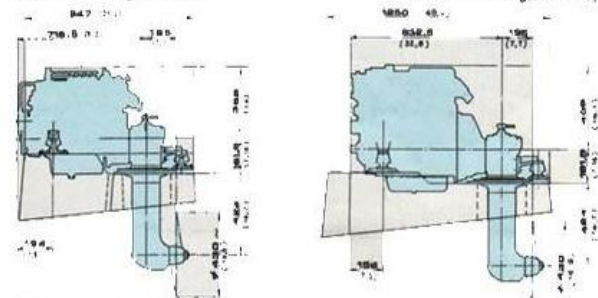
SAIL-DRIVE NANNI

Transmission:	Nanni Sail Drive
Reduction ratio:	2.4:1
Lubrication:	oil bath
Protection:	zinc anode
Clutch:	Hurth HBW, servo-controlled
Hull seal:	elastic diaphragm reinforced in neoprene
Thrust:	with conical bearings and high security seal
Isolation:	three-point elastic suspension



260 H 145 Kg (317 lbs)  
260 HE 151 Kg (333 lbs)

390 H 158 Kg (345 lbs)  
390 HE 167 Kg (365 lbs)



4110 H 176 Kg (385 lbs)  
4110 HE 186 Kg (407 lbs)

4190 HE 263 Kg (575 lbs)