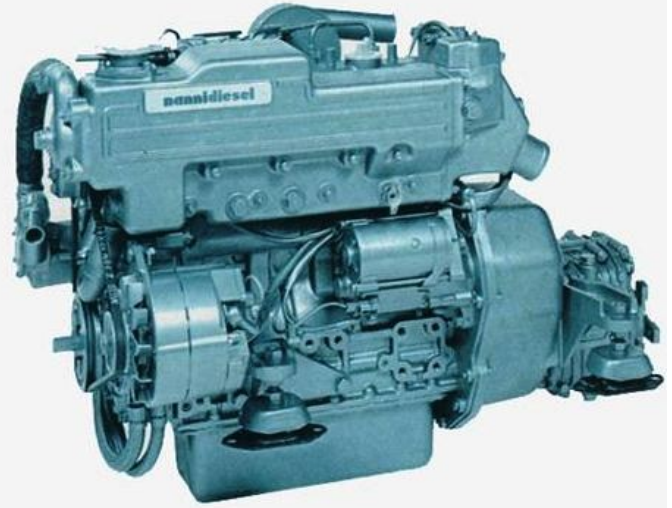


3.90 - 22,5 HP



4.110 - 30 HP

Engine type:	3.90 H	3.90 HE
	3 cylinders, vertical direct cooling	3 cylinders, vertical heat exchanger
Base:	KUBOTA	KUBOTA
Fuel:	diesel	diesel
Injection:	indirect	indirect
Cycle:	4-stroke	4-stroke
Cooling:	sea water circulation pump, cooled exhaust manifold	heat exchanger, fresh water circulation pump, sea water pump, expansion tank, cooled exhaust manifold
Displacement:	855 cm <sup>3</sup> (52 cu. in.)	855 cm <sup>3</sup> (52 cu. in.)
Bore & Stroke	72x70 mm (2.83"x2.75")	72x70 mm (2.83"x2.75")
Compression ratio	22:1	22:1
Weight:	130 kg. (284 lbs)	139 kg. (306 lbs)
Maximum output:	16.6 KW - 22.5 HP DIN 6270B	16.6 KW - 22.5 HP DIN 6270B
Maximum r.p.m.:	3600 rpm	3600 rpm
Gearbox:	Hurth HBW 50 - 100	Hurth HBW 50 - 100
Reduction ratios:	2:1 - 2.7:1	2:1 - 2.7:1
Alternator:	55 Amps. - 14 V	55 Amps. - 14 V
Starting:	electric 12 V - 0.8 KW	electric 12 V - 0.8 KW
Maximum inclination:	15 degrees	15 degrees

Engine type:	4.110 H	4.110 HE
	4 cylinders, vertical direct cooling	4 cylinders, vertical heat exchanger
Base:	KUBOTA	KUBOTA
Fuel:	diesel	diesel
Injection:	indirect	indirect
Cycle:	4-stroke	4-stroke
Cooling:	sea water circulation pump, cooled exhaust manifold	heat exchanger, fresh water circulation pump, sea water pump, expansion tank, cooled exhaust manifold
Displacement:	1140 cm <sup>3</sup> (70 cu. in.)	1140 cm <sup>3</sup> (70 cu. in.)
Bore & Stroke:	72x70 mm (2.83"x2.75")	72x70 mm (2.83"x2.75")
Compression ratio:	22:1	22:1
Weight:	150 kg. (332 lbs)	160 kg. (352 lbs)
Maximum output:	22 KW - 30 HP	22 KW - 30 HP
Maximum r.p.m.:	3600 rpm	3600 rpm
Gearbox:	Hurth HBW 100	Hurth HBW 100
Reduction ratios:	1.8:1 - 2.7:1	1.8:1 - 2.7:1
Alternator:	55 Amps. - 14 V	55 Amps. - 14 V
Starting:	electric 12 V - 1 KW	electric 12 V - 1 KW
Maximum inclination:	15 degrees	15 degrees

