

FOLDING PROPELLERS

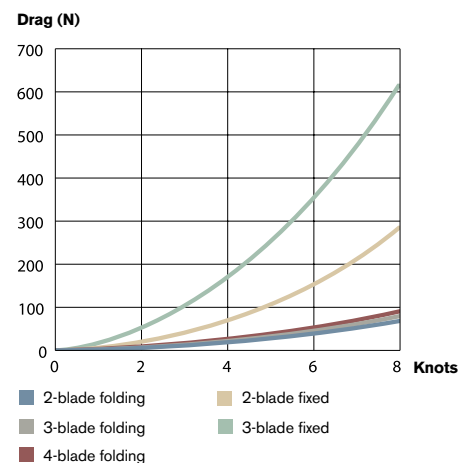
Volvo Penta folding propeller offers up to 1.5 knots higher speed under sail compared with a fixed propeller. With no complicated machinery or mechanisms to cause trouble, the propellers provide superb reliability. The folding propellers are manufactured from a nickel-aluminium-bronze alloy which ensures excellent corrosion resistance.

The folding propeller's greatest advantage is its low drag under sail. The folding propellers offer outstanding manoeuvrability. Despite being a folding propeller, reverse thrust is fully comparable with that of a fixed propeller. The 3- and 4-blade propellers offer more or less the same speed as a 3-blade fixed propeller across the full rev range. Up to 8 times lower drag compared to a 3-blade fixed propeller. And, what's more, the unique blade profile promotes an extremely quiet and vibration free operation.

VOLVO PENTA PROPELLER RANGE

SAILDRIVE	D1-13	D1-20	D1-30	D2-40	D2-55	D2-75
Folding propellers, 2-blade	○	○	○	○		
Folding propellers, 3-blade		○	○	○	○	○
Folding propellers, 4-blade					○	○
Fixed propellers	○	○	○	○	○	○

SHAFT	D1-13	D1-20	D1-30	D2-40	D2-55	D2-75	D3-110	D3-150	D3-180
Folding propellers, 2-blade	○	○	○	○					
Folding propellers, 3-blade		○	○	○	○	○			
Folding propellers, 4-blade					○	○	○		



Water drag were measured in a test carried out by SSPA Maritime Consulting. Propellers mounted on S-drives were measured. The lower drag produced by the Volvo Penta folding propellers can boost sailing speed by up to 1.5 knots.