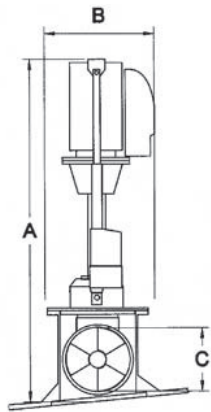




# VIP Vertical Retracting Thrusters

- Lightweight aluminum and composite construction
- VIP 150 Electric is particularly well suited to boats from 45' to 60'
- VIP Hydraulic suited to the 55-75' superyacht
- Available in 12V and 24V
- Patented thrust plate
- Maintenance free transmission leg
- Case hardened spiro-conical gears
- Includes thruster, joystick and 75' (25m) cable, mounting bolts
- Mounting Flange, electric fuses, and hydraulic components sold separately



## VIP 150 Electric Thrusters

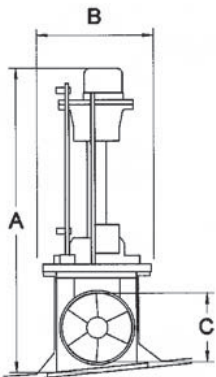
Model	VIP 150 Electric	
Part No.	VP081012	VP081024
Voltage / Control voltage	12V	24V
Thrust	211 lb / 96 kg	396 lb / 115 kg
Power (kW)	7.1	8.56
Horsepower (Hp)	9.5	11.5
Weight	89 lb / 40 kg	89 lb / 40 kg
Measurements		
A	38.2" / 970mm	38.2" / 970mm
B	13.0" / 330mm	13.0" / 330mm
C	7.3" / 185mm	7.3" / 185mm



VIP 150 Electric

## VIP Hydraulic Thrusters

VIP	VIP 150 Hydraulic	VIP 250 Hydraulic
12V Control	VPHYD152	VPHYD252
24V Control	VPHYD154	VPHYD254
Mounting Flange - Fiberglass	VP082040	VP112000
Mounting Flange - Aluminum	VP082031	VP112050
Thrust	242 lb / 110 kg	396 lb / 180 kg
Power (kW)	8.2	13
Horsepower (Hp)	11	17.4
Weight	62 lb / 28 kg	82 lb / 37 kg
Measurements		
A	31.9" / 810mm	36.6" / 930mm
B	11.4" / 290mm	14.2" / 360mm
C	7.3" / 185mm	9.9" / 250mm



## Hydraulic Accessories

Hydraulic Components	Part No.
Control Pack - includes box, valve	MPHY8800
Electro pump with fuses - VIP150 HYD	MP203300
Electro pump with fuses - VIP250 HYD	MP206300
Oil Tank (3.2 gal / 12L)	RT306030



VIP 150 Hydraulic

VIP 250 Hydraulic

THRUSTERS

VIP Vertical Retracting Thrusters