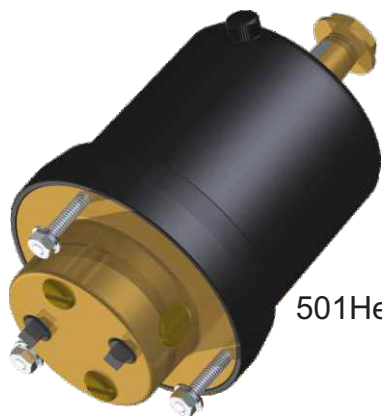


# Commander HYDRAULIC STEERING FOR INBOARDS & JETS



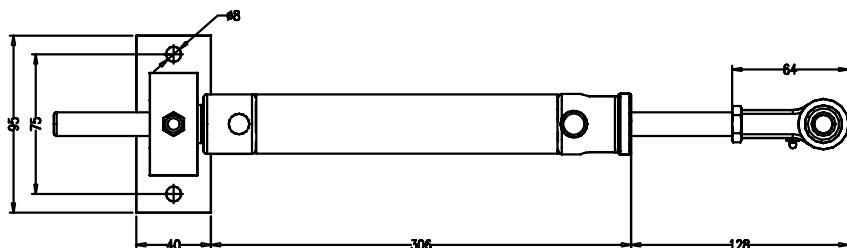
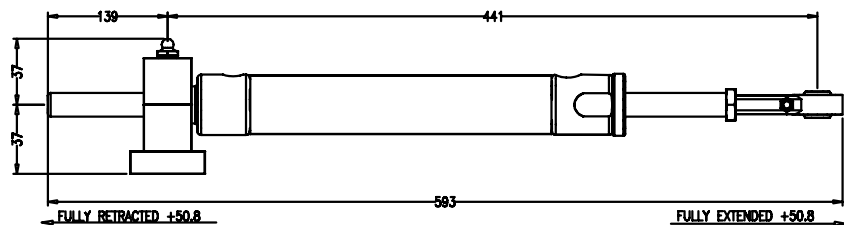
501Helm unit



Cylinder construction  
Anodised marine aluminium  
and Stainless steel

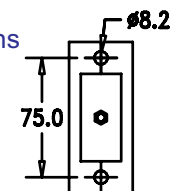
## COMKIT - IB1

For Inboard rudders or jets - Rudder torque:-30KgM

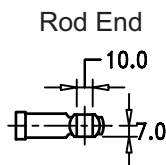


Model 212 Cylinder dimensions

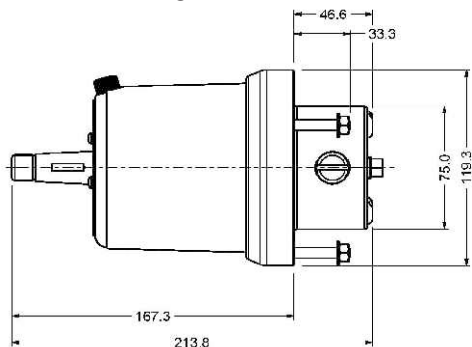
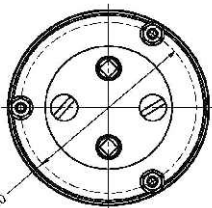
Capacity:- 68cc  
Stroke:- 182mm  
Weight:- 2Kg



Mounting Bracket



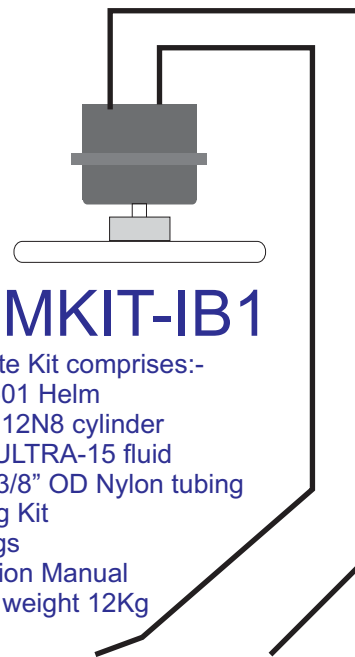
Rod End



Model 501 Helm pump dimensions

Model 501 Capacity:-28cc/rev  
In-built Lock valve  
Maximum working pressure:- 800psi  
Absolute maximum pressure:- 1000psi  
Weight:- 5Kg

See also optional helm choices for front-mount  
and tilting helms for this kit



## COMKIT-IB1

Complete Kit comprises:-  
Model 501 Helm  
Model 212N8 cylinder  
2 litres ULTRA-15 fluid  
15Mtrs 3/8" OD Nylon tubing  
Bleeding Kit  
All fittings  
Installation Manual  
Packed weight 12Kg

SIMPLE INSTALLATION TO ANY INBOARD\*\*  
See steering circuits for multiple rudders and  
catamaran installation options.

WHEEL TURNS  
lock to lock  
401 helm = 2.4