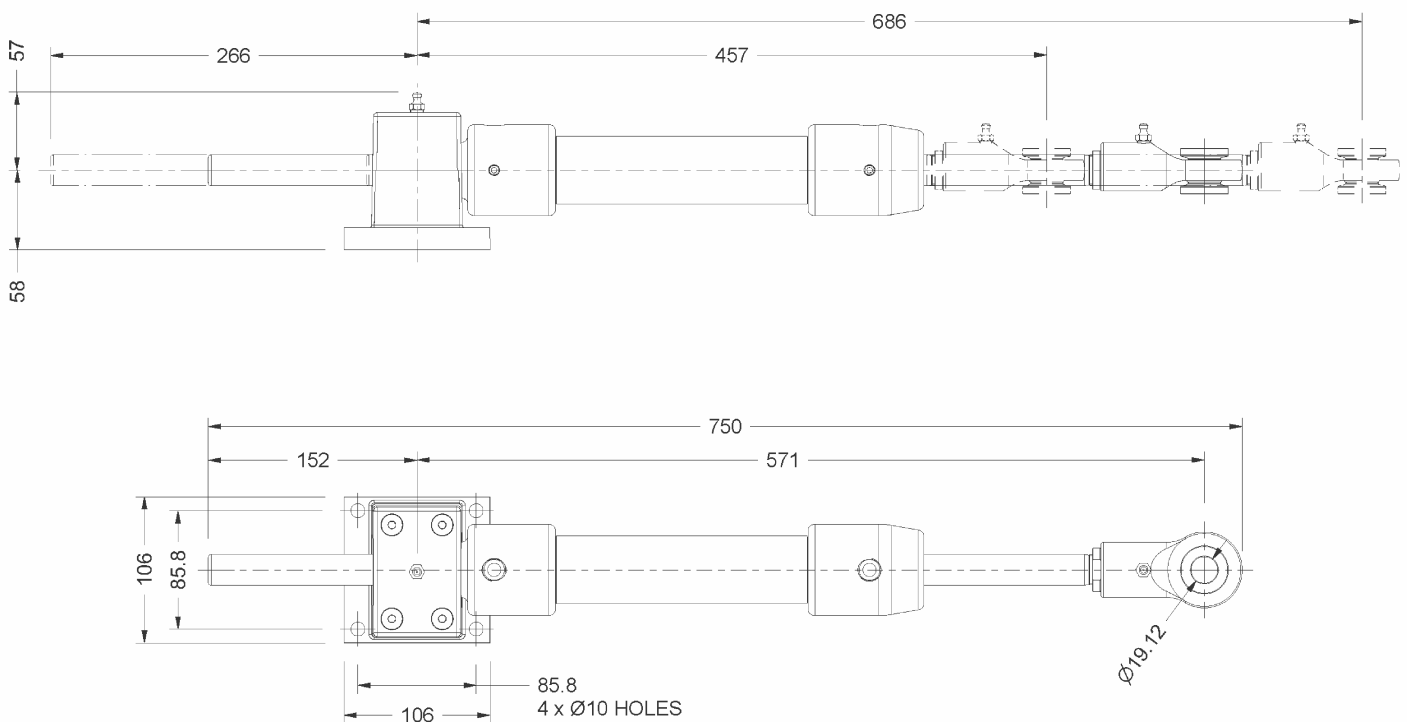


HD SERIES - CYLINDERS



MODEL HD150-9

NOMINAL DIMENSIONS



NOTE: dimensions are nominal only and subject to change without notice. These dimensions should be used only as a general guide to the footprint of space required. Final drilling and fitting of the cylinder should only be done once the unit has been delivered and on-site.

Bore diameter:- 1.5"
Stroke - 9" (229mm)
Volume - 172cc
Tiller length - 200mm

Cylinder thrust @ 1000psi = 529Kgf
Rudder torque @ 1000psi @ 0 degrees = 105KgM
Rudder torque @ 1000psi @ 35 degrees = 86KgM

Maximum Working Pressure - 1500psi