



# HYDRO-LEK

## REMOTE HANDLING SPECIALISTS



### HLK-1300 30 mm Bore Cylinder:

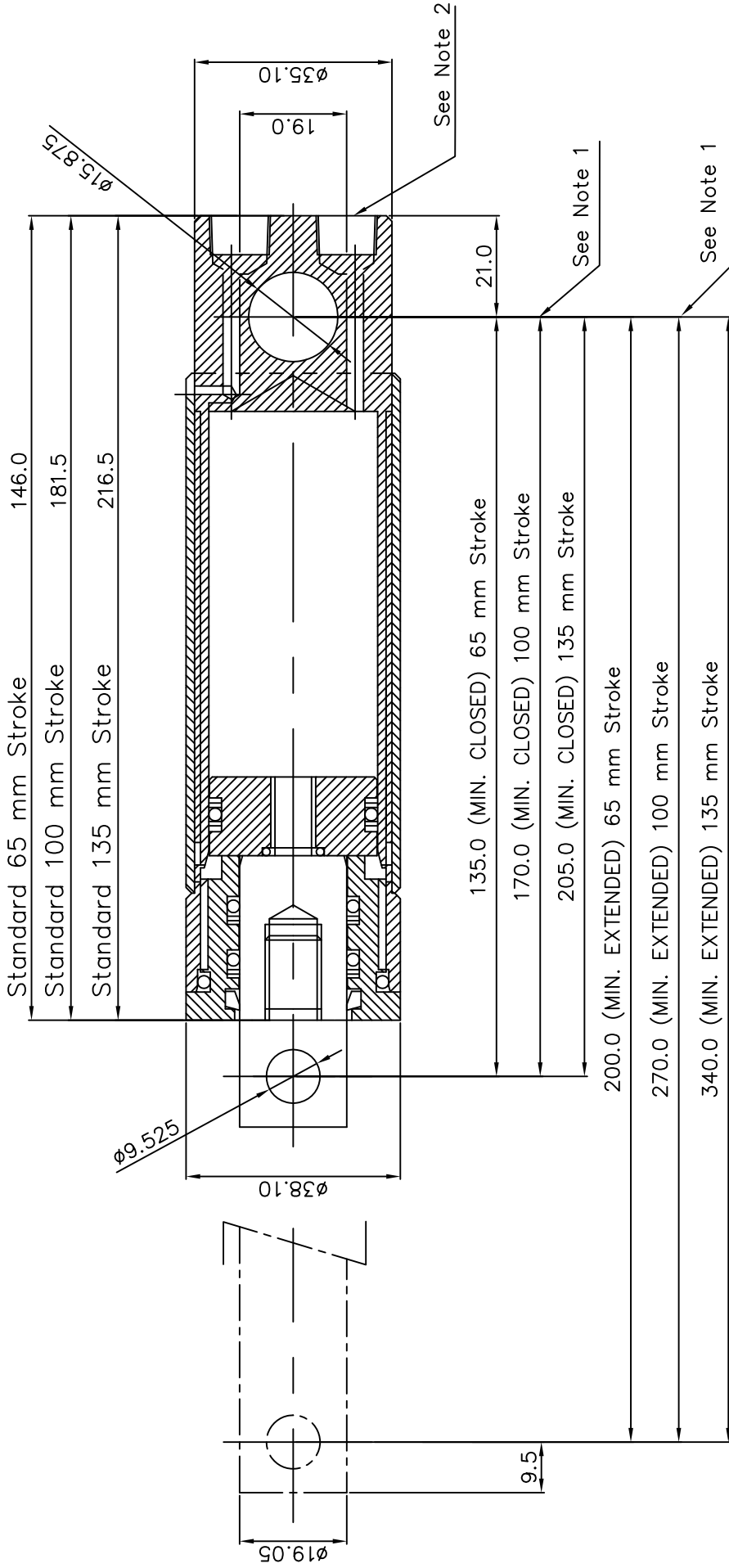
The HLK-1300 30 mm Bore Cylinders are compact devices with both extend and retract ports in the rear of the cylinder. The cylinders are machined from 316 Stainless Steel and rated at working pressures of 210 bar. Three stroke lengths are provided as standard in all Hydro-Lek manipulators, with shafts being supplied in varying lengths. Any length cylinder up to 1500mm can be supplied in this design. Pivot points are designed to accept pins of 9.525mm (0.375") dia.

#### Specification:

Extending force at 210 bar	1485 Kg
Retract force at 210 bar	890 Kg
Stroke length	65mm
Weight in air	950 g
Weight in water	800 g
Stroke length	100mm
Weight in air	1.1Kg
Weight in water	930 g
Stroke length	135mm
Weight in air	1.5Kg
Weight in water	1.2Kg
Standard port	1/8 NPT
Material	316 SS

PISTON ROD LENGTHS

Stroke Closed Centre Distance  
 65mm L reqd-135+107 = Piston Rod Length  
 100mm L reqd-170+143 = Piston Rod Length  
 135mm L reqd-205+178 = Piston Rod Length



NOTES :-

- 1) Minimum Distances Shown Can Be Increased To Suit Requirements
- 2) Additional 70 mm Required From This Face To Allow For Hose Bend Radius & Fittings

HYDRO-LEK LTD.	HLK-1300 30mm BORE CYLINDER
ISS. DATE:-	MAT:- STAINLESS STEEL
CHKD BY:- REV. NO:-	DRG. NO:- CMR 1300 Distances
DRAWN BY:- AG 12/7/01	C.M. INNOVATIONS LTD.