

## FEATURES

- Single acting, load return, mechanical lock nut for safe mechanical load holding-over a long period of time.
- Bearing load for a long time after pressure relief.
- Visible remarks to warn operator when stroke reaches the limit.
- Stroke equipped with overflow port prevents piston over extended.
- Optional special synthetic coating for improved corrosion resistance and lower friction for smoother operation.
- Allowable partial load reaches 5% capacity of hydraulic cylinder.
- NPT3/8 quick couplers and three protector included.

## HYDRAULIC CYLINDER SINGLE ACTING PANCAKE LOCK NUT

ARCL, AHRCL & ARDL SERIES



## Single Acting Hydraulic Cylinder(spring return)

Model Number	Capacity	Working Pressure	Collapsed Height	Working Stroke	Outside Diameter	Effective Area	Oil Capacity	Plunger Diameter	Nut O.D	Weight
	(T)	(bar)	(mm)	(mm)	D (mm)	(cm <sup>2</sup> )	(cm <sup>3</sup> )	(mm)	(mm)	(kg)
ARCL 50-20	50	700	75	20	130	63.58	127.2	70	160	9
ARCL 50-60	50	700	122	60	130	63.58	381.5	70	160	14.5
ARCL 100-20	100	700	86	20	170	132.66	265.4	90	200	17
ARCL 100-60	100	700	145	60	170	132.66	796	90	200	28

## Single Acting Hydraulic Cylinder(load return)

Model Number	Capacity	Working Pressure	Collapsed Height	Working Stroke	Outside Diameter	Effective Area	Oil Capacity	Plunger Diameter	Nut O.D	Weight
	(T)	(bar)	(mm)	(mm)	D (mm)	(cm <sup>2</sup> )	(cm <sup>3</sup> )	(mm)	(mm)	(kg)
AHRCL 100-10	50	700	45	10	170	143.06	143	135	198	9.5
AHRCL 150-24	150	700	54	24	215	213.72	513	165	245	18.2

## Single Acting Two-stage Hydraulic Cylinder

Model Number	Capacity	Working Pressure	Collapsed Height	Working Stroke	Outside Diameter	Effective Area	Oil Capacity	Weight
	(T)	(bar)	(mm)	(mm)	D (mm)	(cm <sup>2</sup> )	(cm <sup>3</sup> )	(kg)
ARDL 80-25	1st stage 80T 2nd stage 50T	700	38	1st stage 113.04 2nd stage 70.84	175x203	1st stage 11 2nd stage 14	1st stage 124.3 2nd stage 99.2	7