

▼ Shown from left to right: BRC25, BRC46, BRP306, BRP606, BRP106C



The Ultimate in Pulling Power



Gauges

Minimize the risk of overloading and ensure long, dependable service from your equipment. Refer to the System Components Section for a full range of gauges.

Page:  135



Attachments and Accessories

BRC25 and BRC46 cylinders have base, collar and plunger threads to affix a range of optional attachments and accessories, such as chains, saddles and extension tubes.

Page:  175

- High strength alloy steel construction
- Hard chrome-plated plunger for long life
- Replaceable links on BRP-models
- Baked enamel finish for increased corrosion resistance
- CR400 coupler and dust cap included on all models
- Plunger wiper reduces contamination, extending cylinder life
- Single-acting, spring return.

▼ Lifting mining conveyor belt using pull cylinders for bearing maintenance.

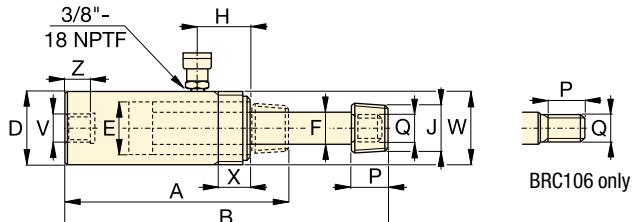


▼ To lift a load bearing mast into place, BRP-Series cylinders were used to tension the supporting cables.



Single-Acting, Pull Cylinders

BRC Cylinder Mounting Dimensions (in)				
Model Number	Base Mounting Hole V	Collar Thread W	Collar Thread Length X	Mounting Thread Length Z
BRC25	3/4"-14 NPT	1 1/2" - 16 UN	0.98	0.67
BRC46	1 1/4"-11 1/2 NPT	2 1/4" - 14 UN	1.06	0.98
BRC106	M30 x 2	M85 x 2	1.02	0.98



BRC25, 46, 106

**BRC,
BRP
Series**



Capacity:

2.5 - 60 tons

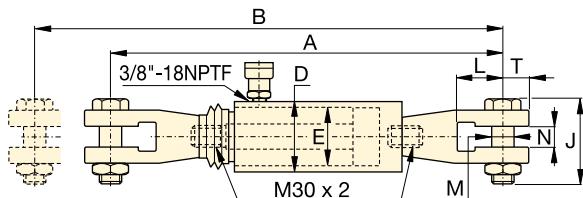
Stroke:

5.00 - 6.06 inches

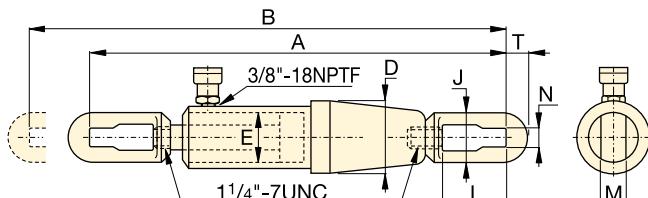
Maximum Operating Pressure:

10,000 psi

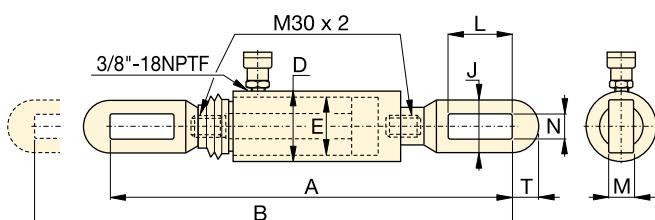
Cylinder Capacity	Stroke	Model Number	Cylinder Effective Area	Oil Capacity	Coll. Height	Ext. Height	Outside Dia.	Cylinder Bore Dia.	Plunger Dia.	Top to Inlet Port	Saddle Diameter	Plunger Thread Length	Plunger Outside Thread	Weight
tons (maximum)	(in)		(in ²)	(in ³)	A (in)	B (in)	D (in)	E (mm)	F (in)	H (in)	J (NPT)	P (in)	Q (in)	(lbs)
2.5 (2.7)	5.00	BRC25	0.55	2.76	10.44	15.44	1.89	1.13	0.75	1.77	3/4"-14	1.13	1 1/16"-24	4
5 (5.6)	5.50	BRC46	1.13	6.21	11.88	17.38	2.25	1.69	1.19	1.69	1 1/4"-11 1/2	1.25	1 3/16"-16	10
10 (11.6)	5.95	BRC106	2.32	13.80	11.38	17.33	3.35	2.13	1.25	1.57	-	1.02	M30 x 2	21



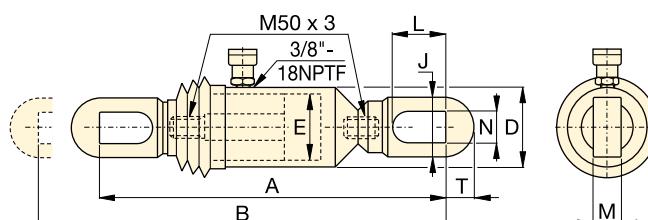
BRP106C



BRP306



BRP106L



BRP606

Cylinder Capacity	Stroke	Model Number	Cylinder Effective Area	Oil Capacity	Coll. Height	Ext. Height	Outside Dia.	Cyl. Bore Dia.	Link Height	Link Opening L	Link Thickness M	Link Width N	Slot to Link End T	Weight
tons (maximum)	(in)		(in ²)	(in ³)	A (in)	B (in)	D (in)	E (in)	J (in)	L (in)	M (in)	N (in)	T (in)	(lbs)
10 (11.6)	5.91	BRP106C	2.45	14.58	23.66	29.57	3.35	2.13	4.13	3.43	1.18	1.38	1.28	34
	5.91		2.45	14.58	22.56	28.46	3.35	2.13	2.52	4.69	0.87	1.19	1.26	29
30 (35.96)	6.06	BRP306	7.19	43.63	43.71	49.71	5.39	3.50	4.49	6.10	1.38	1.54	2.17	139
60 (55.8)	6.02	BRP606	11.17	67.02	28.28	34.28	5.51	4.33	5.12	5.93	1.58	1.89	2.56	129