

BRC, BRP-Series, Pull Cylinders

ENERPAC

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



- 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.

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.

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Attachments and Accessories

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

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

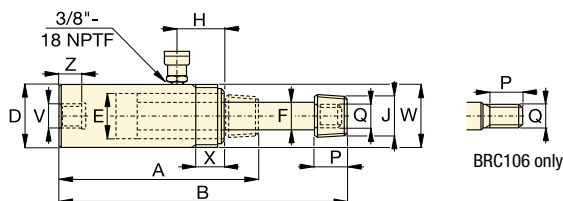


▼ To lift a load bearing mast into place, BRP-Series cylinders were used to tension the supporting cables.



Single-Acting, Pull Cylinders

BRC Cylinder Mounting Dimensions (mm)				
Model Number	Base Mounting Hole V	Collar Thread W	Collar Thd. Lgth. X	Mtg. Thd. Lgth. Z
BRC-25	3/4"-14 NPT	1 1/2" - 16 UN	24	17
BRC-46	1 1/4"-11 1/2 NPT	2 1/4" - 14 UN	26	24
BRC-106	M30 x 2	M85 x 2	25	24



BRC25, 46, 106

BRC, BRP Series

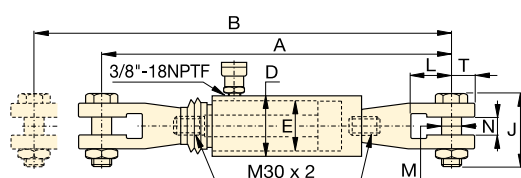


Capacity:
2,5 - 50 ton

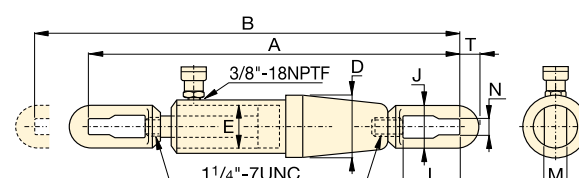
Stroke:
127 - 154 mm

Maximum Operating Pressure:
700 bar

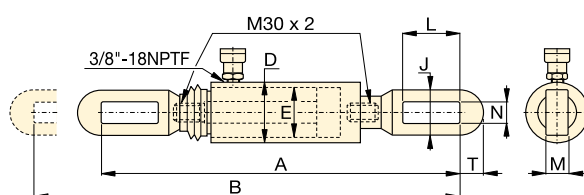
Cylinder Capacity	Stroke	Model Number	Cylinder Effective Area	Oil Capacity	Coll. Height	Ext. Height	Outside Dia.	Cylinder Bore Dia.	Plunger Dia.	Top to Inlet Port H	Saddle Diameter J	Plunger Thread Length P	Plunger Outside Thread Q	
ton (kN)	(mm)		(cm²)	(cm³)	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	(mm)	(NPT)	(mm)	(mm)	(kg)
2,5 (24)	127	BRC25	3,5	45	264	391	48	28,4	19,0	45	3/4" - 14	28	1 1/16" - 24	1,8
5 (51)	140	BRC46	7,3	101	301	441	57	42,9	30,2	42	1 1/4" - 11 1/2	32	1 3/16" - 16	4,5
10 (105)	151	BRC106	15,0	228	289	440	85	54,1	31,8	39	-	25	M30x2	9,5



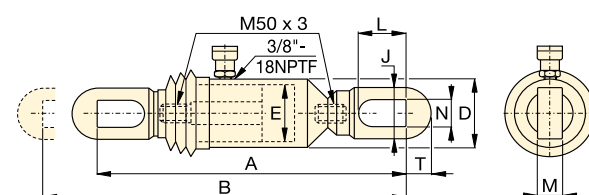
BRP106C



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	
ton (kN)	(mm)		(cm²)	(cm³)	A (mm)	B (mm)	D (mm)	E (mm)	J (mm)	(mm)	(mm)	(mm)	(mm)	(kg)
10 (110)	150	BRP106C	15,8	238	601	751	85	54,1	105	87	30	35	32	15,3
	150	BRP106L	15,8	238	573	723	85	54,1	64	119	22	30	32	13,3
30 (325)	154	BRP306	46,4	715	1110	1264	137	88,9	114	155	35	39	55	63,1
50 (506)	153	BRP606	72,1	1096	718	871	140	110,1	130	151	40	48	65	58,3