

▼ BRP/BRC Single-Acting Pull Cylinders

Shown from left to right: BRP106L, BRP106C



Rated Pressure: 70MPa

Rated Tonnage: 2.5-50ton

Stroke Range: 127-154mm

- High-strength alloy steel construction
- Built-in ram stop prevents over-stroke extension
- The overall paint treatment enhances the overall recognizability and corrosion resistance.
- All units equipped with CEJN quick couplers and dust caps
- High-grade polyurethane seals are adopted, featuring good sealing performance, wear resistance and long service life.
- Industrial-grade dust seals reduce contamination and extend the service life of the hydraulic cylinder.
- 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

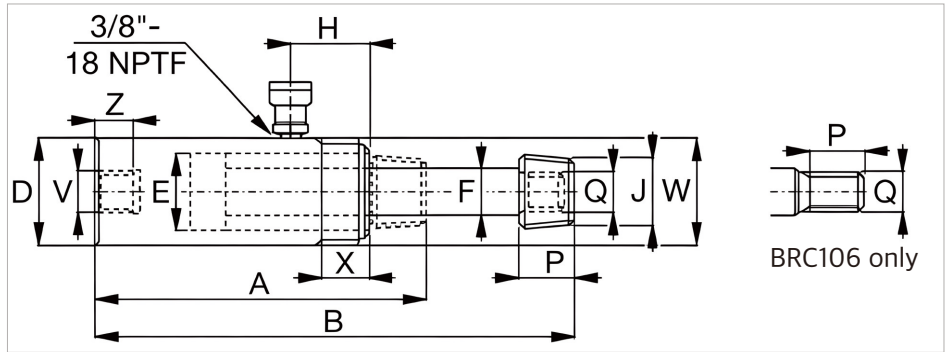


Model	Base Mounting Hole V	Locking Ring Thread W	Locking Ring Thread Length X (mm)	Mounting Thread Length Z (mm)
BRC25	3/4"-14 NPT	1 1/2"-16 UN	24	17
BRC46	1 1/4"-11 1/2 NPT	2 1/4"-14 UN	26	24
BRC106	M30x2	M85x2	25	24

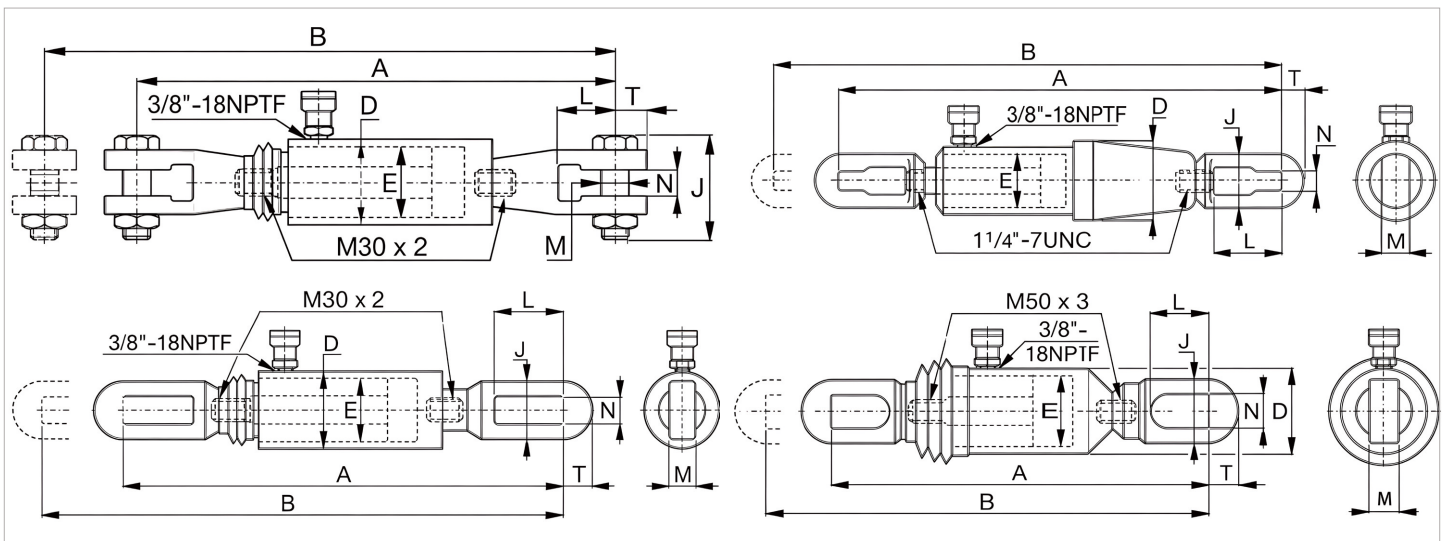


Attachments and Accessories

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.



Cylinder Tonnage (kN)	Stroke (mm)	Model	Effective Area (cm ²)	Oil Volume (cm ³)	Body Height A (mm)	Extended Height B (mm)	Outer Dia. D (mm)	Inner Bore E (mm)	Plunger Dia. F (mm)	Distance from Top to Oil Port H (mm)	Oil Port Thread J (NPT)	Plunger Thread Length P (mm)	External Plunger Thread Q	Weight (kg)
2.5(24)	127	BRC25	3.5	45	264	391	48	28	19	45	3/4"-14	28	1 1/16"-24	1.8
5(51)	140	BRC46	7.3	101	301	441	57	42	30	42	1 1/4"-11 1/2	32	1 3/16"-16	4.5
10(105)	151	BRC106	15	228	289	440	85	54	31	39	-	25	M30x2	9.5



Cylinder Capacity (Ton/kN)	Stroke (mm)	Model	Effective Cylinder Area (cm ²)	Oil Capacity (cm ³)	Body Height A (mm)	Extended Height B (mm)	Outer Dia. D (mm)	Inner Bore E (mm)	Link Height J (mm)	Link Opening L (mm)	Link Thickness M (mm)	Link Width N (mm)	Slot to Link End T (mm)	Weight (kg)
10(110)	150	BRP106C	15.8	238	601	751	85	54.1	105	87	30	35	32	15.3
10(110)	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