

NEWTON SUBSEA ROV GRIPPER / BLUEYE QUICK CONNECT EDITION

SKU: BR-GRIP-NEWT

The Newton ROV Gripper is an optional add-on to the Blueye X3 and X1 underwater drones which enhances the ROVs capability to retrieve objects, attach recovery lines, or free a snagged tether. With the new custom made Quick Connect solution you can now easily remove and attach the Newton gripper, without having to disconnect from the Guest Port.



Supplier: Blue Robotics

TECHNICAL SPECIFICATIONS

Mechanical Specifications

| | |
|-------------------------------------|-------------------|
| Grip Force (at tip) | 97 N / 22 lbf |
| Grip Force (in middle) | 124 N / 28 lbf |
| Push-rod Axial Load Rating | 3 kg / 6.6 lb |
| Minimum Linear Piston Travel | 13.5 mm / 0.53 in |
| Jaw Opening | 62 mm / 2.44 in |
| Time to Open/Close | 1.6 s |

Physical Specifications

| | |
|-----------------------------------|-------------------|
| Housing Material | Aluminum 6061-T6 |
| Pressure Rating | 300 m / 984 ft |
| Overall Length (Closed) | 294 mm / 11.57 in |
| Overall Length (Open) | 300 mm / 11.81 in |
| Body Primary Diameter | 35 mm / 1.38 in |
| Weight in Air (w/ cable) | 616 g / 21.9 oz |
| Weight in Water (w/ cable) | 260 g / 9.2 oz |