

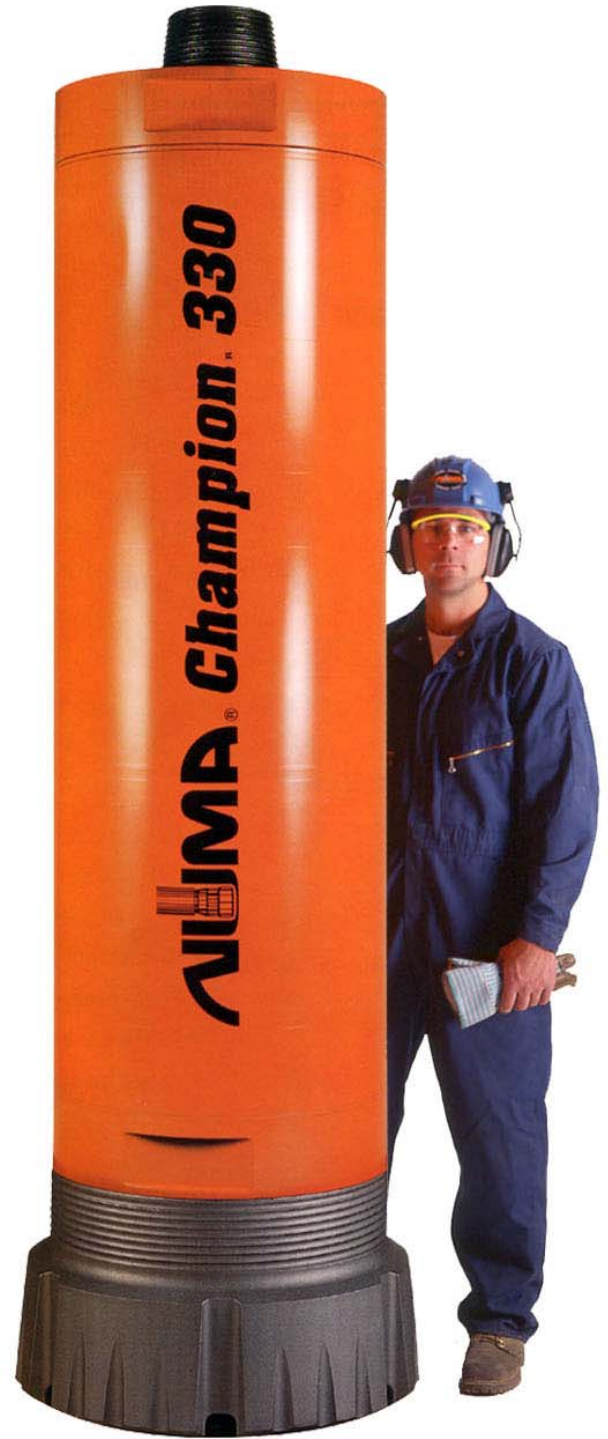
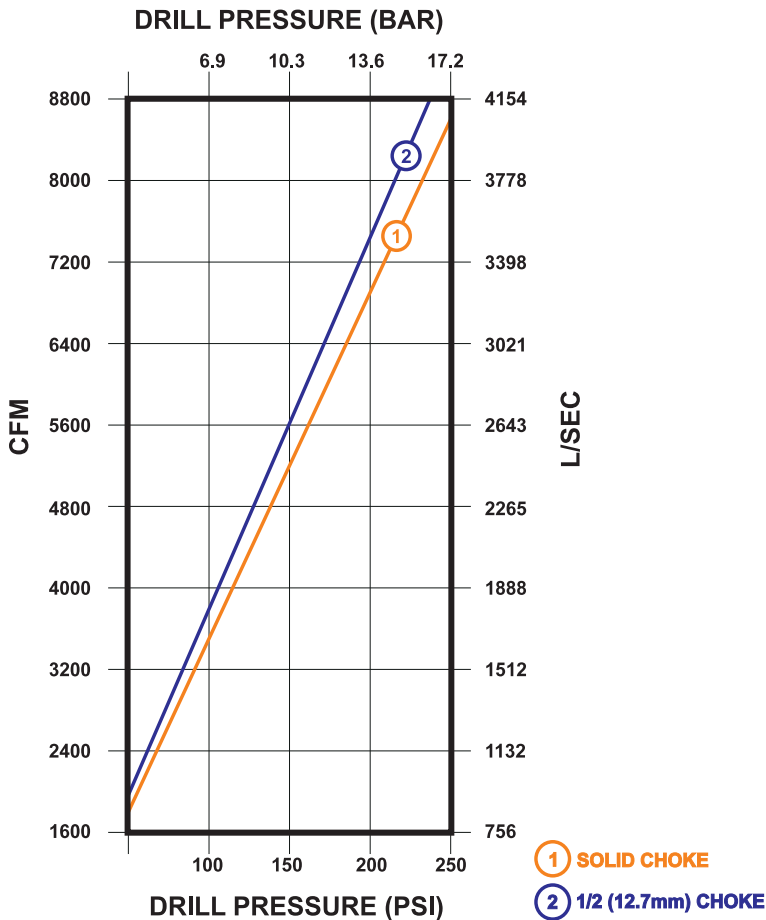


Champion[®] 330 Down Hole Hammer

FEATURES

- Valveless down hole hammer design
- Hardened non-ported piston case
- Designed to operate at pressures to 200 PSI (13.6 Bar)
- Plate drive system to eliminate spline wear and galling
- Typical vertical and horizontal applications include: caissons, piles/rock sockets, tunneling under roads, foundation drilling and other jobs where large volume rock excavation is required

AIR CONSUMPTION

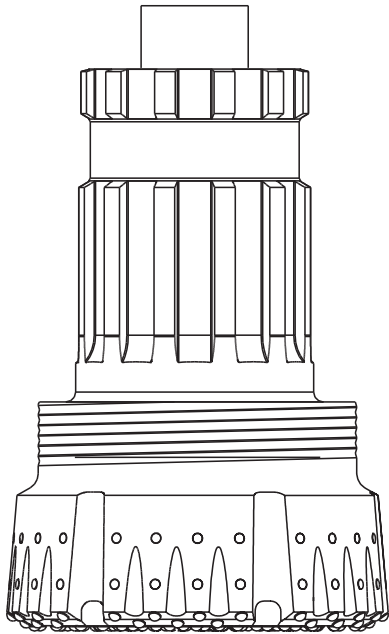


SPECIFICATIONS

Diameter	28"	711 mm
Bore	20"	508 mm
Stroke	5"	127 mm
Weight (Hammer only)	12,556 lbs.	5695 kg
Length (Shoulder to Shoulder)	89-1/2"	227 cm
Length (Shoulder to Bit Face)	105-1/2"	268 cm
A.P.I. Reg. Threads	10 BECO Pin	
•	925 blows per minute at 200 PSI (13.6 Bar)	
•	Suitable for drilling holes from 33" to 43" (838 mm to 1092 mm) in diameter	
•	Accepts C330 bit shank	

Down Hole Button Bits

Champion® 330



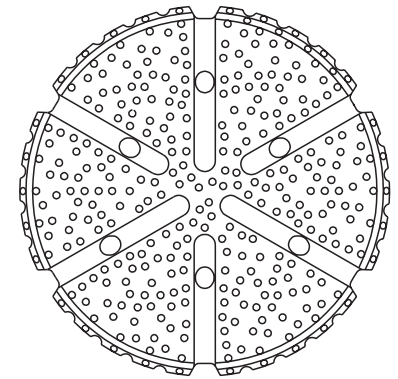
C330 Bit Shank

DIAMETER
inches (millimeters)

WEIGHT*
pounds (kilograms)

FACES AVAILABLE

33"	(838 mm)	5000 lbs.	(2273 kg)
34"	(864 mm)	5125 lbs.	(2329 kg)
36"	(914 mm)	5300 lbs.	(2409 kg)
38"	(965 mm)	6740 lbs.	(3064 kg)
39-1/2"	(1003 mm)	6925 lbs.	(3148 kg)
42"	(1067 mm)	7332 lbs.	(3333 kg)
43"	(1092 mm)	7500 lbs.	(3409 kg)



Concave / Flat

* Bit weights are approximate

FEATURES

- Concave or Flat face design for advanced hole cleaning capabilities
- 3/4" (19 mm) diameter carbide buttons throughout face
- Several grades and types of carbide are available
- Significantly larger spline area for exceptional strength and transfer of torque
- Plate drive system for increased spline life
- Side wear buttons are standard on all bits
- Other bit sizes may be available upon request

For More Information Contact:

Bob Lancaster
Northeast USA
(860) 933-1715

Ted Foust
Mid-Atlantic USA
(717) 579-7809

Carl Chidester
Appalachian USA
(304) 203-2408

Jeff Hay
Southeast USA
(478) 279-4834

Virginia Lenox
Western USA
(325) 456-0695

Kathy Wagoner
Oil & Gas
Western USA
(325) 456-0407

Bruce Palmer
U.S. Construction
Latin America
(860) 234-4823

Chris Beare
Europe - Middle East
Africa - India
+44 (0) 7785 934 361

Ian Speer
Australia
+61 (0) 400 077 165