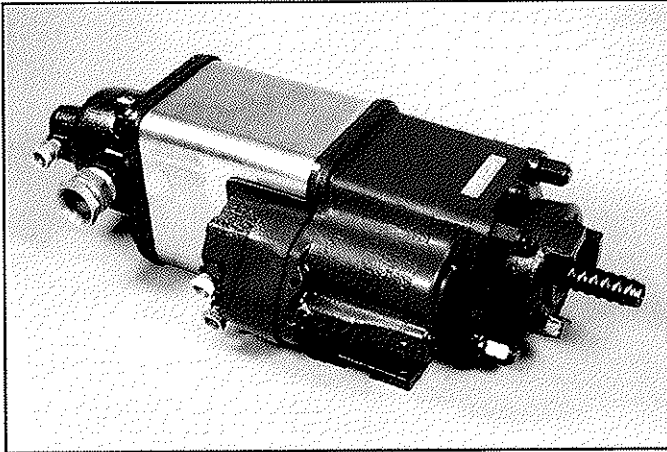


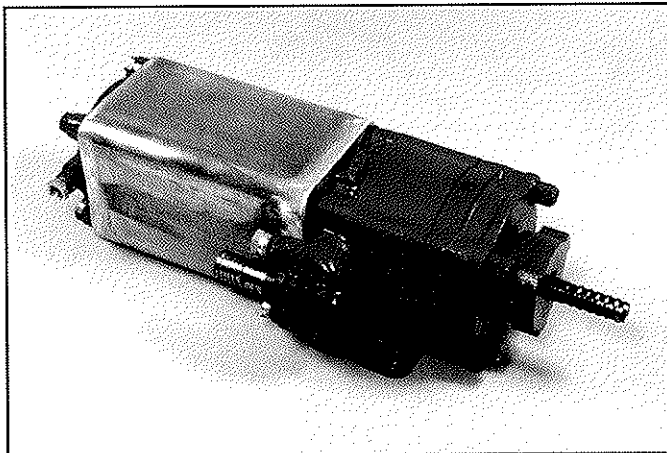


CANNON CVR SERIES PNEUMATIC ROCK DRILLS

FOR SURFACE AND UNDERGROUND APPLICATIONS



The **CVR-460 ROCK DRILL** is recommended for holes in the 2 inch to 4 inch range.



The **CVR-250 ROCK DRILL** is applicable for holes in the 1½ to 3 inch range.

CVR-460 APPLICATIONS

For use on surface track drills or underground long hole drilling rigs drilling holes in the 2 inch through 4 inch diameter range. Compact design, simple 4-bolt attachment and low weight facilitate mounting on virtually all air track drills and on underground chain and screw feeds.

Typical Mountings include the Joy Ram and Extendable Boom Ram, Ingersoll Rand CM, ECM 250 and 350 and LM-200; Gardner Denver ATD-3100 and -3800.

Striking Bars in 1¼, 1½, and 1¾ inch sizes are readily available from most drill accessory suppliers.

Although some rock drill manufacturers have concentrated their research and development on hydraulic drills, the majority of rock drills presently in use are pneumatic. The reasons are clear: In comparison with hydraulic drills, pneumatic drills offer important advantages in lower initial investment, economy of operation, and reduced repair and maintenance requirements. Cannon Industries has recognized these considerable advantages in developing a new line of pneumatic rock drills.

Five years of innovative Cannon engineering and exhaustive field testing has resulted in the new CVR series of pneumatic rock drills, now available in two versions. Both models offer higher performance than competitive drills in the same class as well as significant reduction in compressed air usage. Simply stated, with Cannon rock drills the bottom line is *more footage drilled at less cost.*

FEWER PARTS FOR DAY AFTER DAY RELIABILITY

The simplicity of the valveless percussion cycle and the reliability of a gear type air motor for rotation minimizes maintenance. The sturdy, field-proved construction of Cannon CVR series rock drills (which include an integral muffler for quieter operation) assures years of dependable service under the most severe conditions.

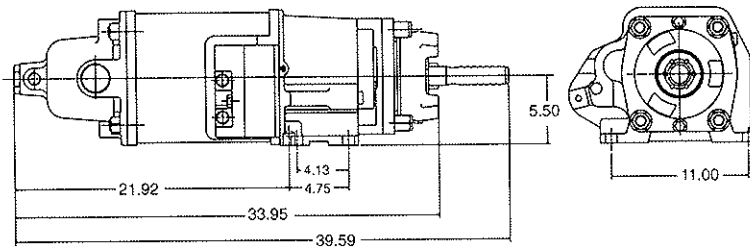
CVR-250 APPLICATIONS

Any underground single pass and long hole drill rig and lightweight surface track drills for 1½ inch through 3 inch diameter holes. Compact design, simple 4-bolt attachment and low weight facilitate mounting on virtually all underground chain and screw feeds and lightweight air track drill chain feeds.

Typical Mountings include replacement of all Gardner Denver air drifters D93, D99, D123, PR-55 through PR-100; Ingersoll Rand VL-120, D-475 both underground and on lightweight LM-100 and LM-200 series track drills and URD-475; Atlas Copco BBC-120F, 115ED and 126 ED.

Striking Bars in 1¼ and 1½ inch sizes are readily available from most drill accessory suppliers.

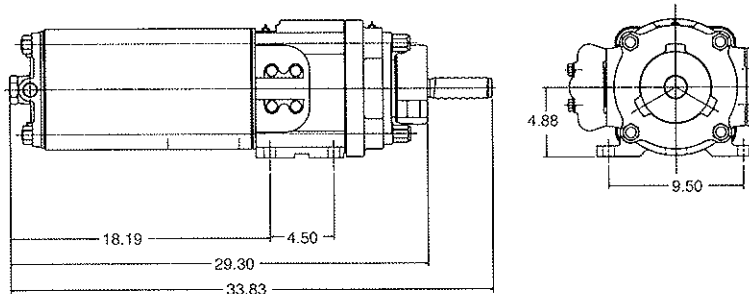
CVR-460 ROCK DRILL



SPECIFICATIONS

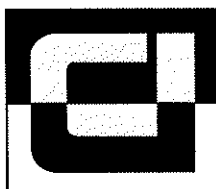
	English	Metric
Weight	400 lbs.	182 kg
Length	33.95 in.	862 mm
Bore	5.25 in.	133 mm
Stroke	2.56 in.	65 mm
Flushing Tube	.63 OD x .50 ID in.	16 x 13 mm
Bit Size Range	2 to 4 in.	51 to 102 mm
Hose Connections		
Percussion	2 in.	51 mm
Rotation	3/4 in.	19 mm
Flush/Blow	3/4 in.	19 mm
Rotation		
Normal	75 to 150 rpm	
Maximum	250 rpm	
Air Pressure and Consumption		
At 100 psi/7 bar	485 cfm	13.7 m3/min.
At 90 psi/6 bar	430 cfm	12.2 m3/min.
Total air consumption is affected by the operator's control of the air blow, generally 115 cfm (3.2 m3/min) additional.		
Steel System		
Standard	1-1/2 in.	38 mm
Optional	1-1/4 in. or 1-3/4 in.	32 mm or 45 mm
	With rope, 32, 38, 45 thread	

CVR-250



SPECIFICATIONS

	English	Metric
Weight	288 lbs.	131 kg
Length	33.83 in.	859 mm
Bore	4.50 in.	114 mm
Stroke	3.25 in.	83 mm
Flushing Tube	.44 OD x .32 ID in.	11 x 8 mm
Bit Size Range	1-1/2 to 3 in.	38 to 76 mm
Shank Adapters	1-1/2 in.	38 mm
Hose Connections		
Percussion	1-1/2 in.	38 mm
Rotation	3/4 in.	19 mm
Flush/Blow	3/4 in.	19 mm
Rotation		
Normal	100 to 250 rpm	
Maximum	300 rpm	
Air Pressure and Consumption		
At 100 psi/7 bar	370 cfm	10.5 m3/min.
At 90 psi/6 bar	330 cfm	9.4 m3/min.
Total air consumption is affected by the operator's control of the air blow.		
Steel System		
Standard	1-1/4 in.	32 mm
Optional	1-1/2 in.	38 mm
	With rope or 32/38 thread	



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