

8"

Dominator 850 DW

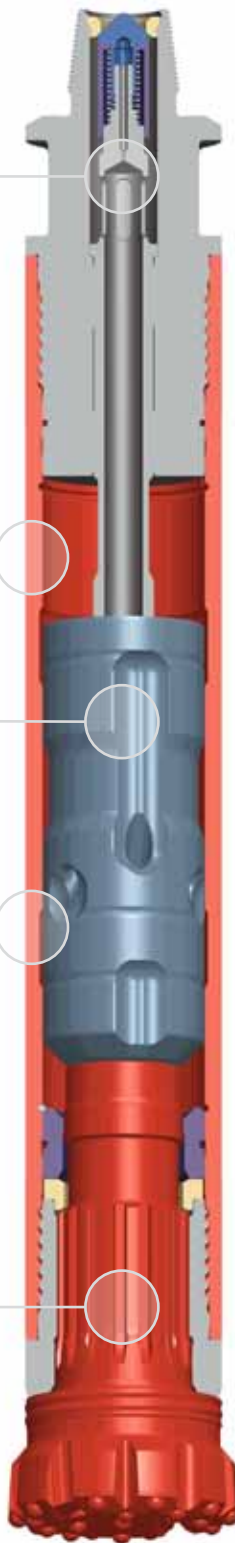
One piece top-adaptor reduces internal parts. No make up required. External N.R.V. for easy maintenance.

Revised chamber volumes and cycle timing to optimize performance.

Simplified piston geometry for improved balance and location within the cylinder.

Reversible cylinder.

IR QL80 shank reduces contact stresses and wear rates.

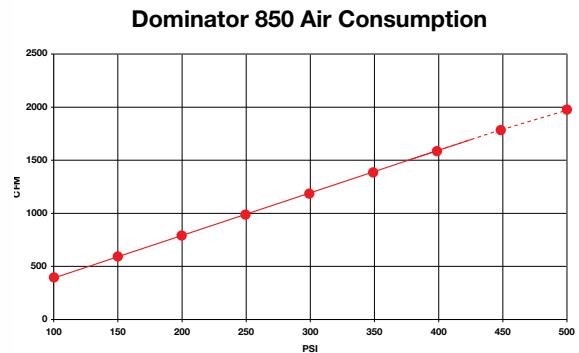


The Dominator 850 DW has been designed for high performance drilling in hard to medium rock formations, particularly mining applications. Its class leading performance has been achieved with a larger/heavier piston and a valveless air cycle providing a 50% increase in stroke. As well as a reversible cylinder for prolonged hammer life, the Dominator 850 DW benefits from a QL80 shank design. The one piece top-adaptor with N.R.V. (Non-Return-Valve) makes it easy to maintain and service the hammer. This hammer has few internal parts which makes on site servicing easy with minimum tools needed.

Suitable for operation at air pressures of 100 - 435 psi (7 - 30 bar).

Drilling diameters of 222 - 270mm (8 3/4 - 10 5/8").

Air Consumption



Available Shanks

IR QL 80



Hammer Overview

Hammer Type	Dominator 850 DW
Part Number	600314
Shank	Ingersoll Rand QL 80
Top Thread	4. 1/2" Api Reg Pin
Flat Hammer Size	125mm (4.921")
Weight	210 Kg
Outside Diameter	192mm (7.559")
Make Up Length	1281mm (50.433")
Recommended Minimum Thrust	800kg (1760 Lbs)
Recommended Maximum Thrust	2000kg (4400 Lbs)

Parts List

Hammer Type		Dominator 850 DW		
Shank		QL80	SK32	RK55
Model Number		600245	Contents	
Item	Description	Part Number	Quantities	
1	Thread Protector	207295	-	-
2	Snap Ring	783034	2	2
3	N.R.V. Seat	602887	-	1
4	O'Ring	768150	2	2
5	N.R.V.	602285	-	1
6	N.R.V. Cover	603696	-	1
7	N.R.V. Spring	760108	2	2
8	Top-Adaptor	603353	-	-
9	Spacer	603358	1	1
10	O'Ring	768169	2	2
11	Piston	603349	-	-
12	Cylinder	603765	-	-
13	Snap Ring	783039	2	2
14	O'Ring	768169	2	2
15	Bit Guide Bush	603767	-	1
16	Bit Ring	603359	-	1
17	Chuck Spacer	603358	1	1
18	Chuck	603357	-	1
19	End Cap	741027	-	-
SK	Service Kit	SK32		
RK	Repair Kit	RK55		
	Foot Valve	603334		
	Body	603342		
	Pusher	603341		

Drill Bits

Part Number	Diameter		Face Design	Type	Buttons Qty	Over Weight Size (Kg)
	mm	Inch				
Ingersoll Rand Shank - QL 80						
653062	222	8.3/4	Concave	Domed	14 x 18mm / 10 x 18mm Long	56.8
653239	254	10	Concave	Domed	34x18mm / 12x13mm Retracks	64
653254	270	10.5/8	Concave	Domed	42x18mm / 12x13mm Retracks	69.5
653263	270	10.5/8	Concave	Parabolic	42x18mm / 12x13mm Retracks	69.5

Halco Rock Tools
Quality Management System
is Certified to ISO9001: 2008
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