

	RCX45 - STD		RCX55 - STD		RX55 - STD		RX60 - STD		RX65 - STD		RX80 - STD		RX120 - STD	
	91002323		91001422		91001307		91001245		91001205		91001332		91002560	
	RCX45 w/4 Remet Box Connection		RCX55 w/4-1/2 Remet Box Connection		RX55 w/3-1/2 API Reg Pin Connection & Cutting Backhead		RX60 w/3-1/2 API Reg Pin Connection		RX65 w/3-1/2 API Reg Pin Connection & Cutting Backhead		RX80 w/4-1/2 API Reg Pin Connection		RX120 w/6-5/8 API Reg Pin Connection	
APPLICATION SUITABILITY														
Geotechnical/Foundation														
Waterwell/Geothermal					✓		✓				✓			✓
Quarry/Mining					✓		✓		✓		✓			✓
Mineral Exploration	✓		✓											
Oil/Gas							✓				✓			✓
AVAILABLE OPTIONS:														
Bit Retainer											✓			✓
GENERAL SPECIFICATIONS:	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
Connection	4 Remet Box		4-1/2 Remet Box		3-1/2 API Reg Pin		3-1/2 API Reg Pin		3-1/2 API Reg Pin		4-1/2 API Reg Pin		6-5/8 API Reg Pin	
Bit Shank	RCX45		RCX55		RX5		RX6		RX6		RX8		RX120	
Reversible Casing	No		No		No		No		No		Yes		Yes	
Outside Diameter	4.56	115.8	5.25	133.4	5.00	127.0	5.60	142.2	5.88	149.4	7.13	181.1	11.20	284.5
Length w/o Bit Shoulder to Shoulder	35.2	894.6	35.2	894.3	30.50	773.9	30.90	784.9	30.90	784.9	35.50	900.4	46.7	1186.9
Length w/Bit Extended	38.5	977.4	38.1	968.5	34.50	877.1	34.40	873.8	34.40	873.8	40.20	1020.6	52.5	1333.8
Length w/Bit Retracted	37.1	942.3	36.9	938.3	33.40	847.1	33.40	848.4	33.40	848.4	38.90	987.6	50.4	1280.9
Weight w/o Bit	108	49.1	132	60.0	124.00	56.4	153.00	69.5	173.00	78.6	289.00	131.4	933	424.1
Backhead Across Flats (in.)	1-3/4 x 3.35 AF		1-3/4 x 4-1/4 AF		1-3/4 x 4 AF		2 x 4 AF		2 x 4 AF		1-3/4 x 5-5/8 AF		2-1/4 x 10 AF	
Minimum Bit Size	4.75	120.7	5.50	139.7	5.50	139.7	6.13	155.7	6.50	165.1	7.88	200.2	12.25	311.2
Maximum Bit Size	5.50	139.7	6.00	152.4	6.00	152.4	6.75	171.5	6.75	171.5	10.00	254.0	22.00	558.8
Bore	3.960	100.58	4.500	114.3	4.125	104.78	4.625	117.48	4.625	117.48	5.875	149.23	9.50	241.30
Piston Weight	22.1	10	30	13.6	29.00	13.2	35.00	15.9	35.00	15.9	72.60	33.0	239	108.6
Stroke	3.25	82.6	3.25	82.6	3.25	82.6	3.50	88.9	3.50	88.9	3.50	88.9	3.50	88.9
Maximum Pressure Differential (psig & bar)	500.0	34.5	500.0	34.5	500.0	34.5	350.0	24.1	350.0	24.1	350.00	24.1	350.00	24.1
Maximum Choke Diameter	0.00	0.00	0.00	0.00	0.00	0.0	0.38	9.53	0.38	9.53	0.88	22.23	0.88	22.23
Make-up Torque (ft-lb & N-m)	4500	6093	5000	6770	5000	6770	6000	8124	6000	8124	8000	10832	12000	16248
AIR CONSUMPTION:														
100 psi/6,9 bar (scfm & m <sup>3</sup> /min)	140	4.0	155	4.4	155	4.4	305	8.6	305	8.6	358	10.1	804	22.7
100 psi (bpm)	1350	1350	1350	1350	1116	1116	1461	1461	1461	1461	830	830	585	585
150 psi/10,3 bar (scfm & m <sup>3</sup> /min)	231	6.5	257	7.3	257	7.3	431	12.2	431	12.2	571	16.1	1248	35.3
150 psi (bpm)	1532	1532	1532	1532	1266	1266	1576	1576	1576	1576	947	947	695	695
200 psi/13,8 bar (scfm & m <sup>3</sup> /min)	337	9.5	374	10.6	374	10.6	561	15.8	561	15.8	808	22.8	1680	47.5
200 psi (bpm)	1695	1695	1695	1695	1401	1401	1691	1691	1691	1691	1063	1063	805	805
250 psi/17,2 bar (scfm & m <sup>3</sup> /min)	457	12.9	508	14.3	508	14.3	695	19.6	695	19.6	1067	30.2	2100	59.3
250 psi (bpm)	1840	1840	1840	1840	1521	1521	1806	1806	1806	1806	1180	1180	915	915
300 psi/20,7 bar (scfm & m <sup>3</sup> /min)	591	16.7	657	18.6	657	18.6	832	23.5	832	23.5	1350	38.1	2508	70.8
300 psi (bpm)	1967	1967	1967	1967	1626	1626	1921	1921	1921	1921	1297	1297	1025	1025
350 psi/24,1 bar (scfm & m <sup>3</sup> /min)	739	20.9	822	23.2	822	23.2	973	27.5	973	27.5	1656	46.8	2904	82.0
350 psi (bpm)	2076	2076	2076	2076	1716	1716	2036	2036	2036	2036	1414	1414	1135	1135