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HORIZONTAL TECHNOLOGY of CANADA, INC.
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 Website: www.HorizontalTech.com
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Downhole Drilling Motor 375 - 910 - 4.0

- 3-3/4" OD
- 9:10 Lobe
- 4.0 Stage
- Slow Speed
- High Torque

Flow Rate	*Rev/Gal
60 GPM	0.83
100 GPM	1.00
140 GPM	1.07

Motor Specifications	English	Metric
Model Number	375 - 910 - 4	
Rotor Lobes / Stator Lobes	9 / 10	
Number of Stages	4.0	
Outer Diameter	3-3/4 in	95 mm
Weight	379 lbs	172 kgs
Length	12.4 ft	3.79 m
Full Load Bit Speed	50 - 150 rpm	
Flow Rate	60 - 140 gpm	227 - 530 lpm
Peak Torque	1,550 ft-lbs	2,100 N-m
Peak Developed Power	33 hp	25 kw
Bit to Bend	46 in	1,168 mm
Full Load Differential Pressure	600 psi	4,140 kpa
Peak Torque Differential Pressure	800 psi	5,520 kpa
Maximum Bit Pressure Drop	1,500 psi	10,300 kpa
Maximum Weight on Bit	12,000 lbs	53 kN
Maximum Pull to-Run Motor	70,000 lbs	226 kN
Pull to Yield Motor	200,000 lbs	890 kN
Upper Box Connection	2-7/8 REG	
Lower Bit Box Connection	2-7/8 REG	

375 - 910 - 4 BUILD RATE TABLE(Degrees / 100ft)

ABH SET ANGLE	SLICK BEARING HOUSING				STABILIZED BEARING HOUSING			
	HOLE SIZE				HOLE SIZE			
	4-3/4"	5"	5-1/2"	5-7/8"	4-3/4"	5"	5-1/2"	5-7/8"
.35					4.79	5.66	7.38	8.66
.69	1.51				9.03	9.88	11.59	12.86
1.04	6.96	4.70	.29		13.38	14.24	15.93	17.19
1.37	12.09	9.83	5.40	2.15	17.49	18.34	20.02	21.27
1.69	17.07	14.80	10.35	7.09	21.48	22.32	23.99	25.23
2.0	21.90	19.62	15.16	11.89	25.34	26.17	27.83	29.06
2.29	26.41	24.13	19.65	16.37	28.95	29.78	31.42	32.65
2.57	30.77	28.48	23.99	20.70	32.44	33.26	34.90	36.11
2.83	34.82	32.52	28.02	24.72	35.68	36.50	38.12	39.33
3.06	38.40	36.10	31.58	28.27	38.55	39.36	40.97	42.18
3.28	41.82	39.52	34.99	31.67	41.29	42.10	43.70	44.90
3.46	44.63	42.31	37.78	34.46	43.54	44.34	45.94	47.13
3.63	47.27	44.96	40.42	37.09	45.65	46.45	48.05	49.23
3.76	49.30	46.98	42.43	39.10	47.28	48.07	49.66	50.84
3.86	50.85	48.53	43.98	40.64	48.52	49.32	50.90	52.08
3.94	52.10	49.78	45.22	41.88	49.52	50.31	51.89	53.07
3.98	52.72	50.40	45.84	42.50	50.02	50.81	52.39	53.56
4.0	53.03	50.71	46.15	42.81	50.27	51.06	52.64	53.81

