



Triple "L" Oil Services
A Free Zone Company

TLOS

C 675 – 9L - 4

Specifications	English	Metric
Tool OD	6-3/4 in	172 mm
Number of Lobes	9:10	9:10
Number of Stages	4	4
Bit Box Connection	4-1/2 Reg	4-1/2 Reg
Top Box Connection	4-1/2 Reg	4-1/2 Reg
Flow Rate	200 - 650 gpm	12 - 41 L/s
Full Load Bit Speed	55 - 180 rpm	55 - 180 rpm
Maximum Torque	12,400 ft-lbs	16,812 N-m
Maximum Power	321 hp	239 kw
Full Load Diff. Pressure	600 psi	4.1 mpa
Max Diff. Pressure across Bit	2,000 psi	13.8 mpa
Bit to Bend	76 in	1,939 mm
Maximum Weight on Bit	40,000 lbs	18,000 kg
Maximum Bit Pull	200,000 lbs	90,000 kg
Weight	2,135 lbs	968 kg
Length	270 in	6,858 mm



D 675 – 9L – 2

Specifications	English	Metric
Tool OD	6-3/4 in	171.4 mm
Number of Lobes	9:10	9:10
Number of Stages	2	2
Bit Box Connection	4-1/2 REG	4-1/2 REG
Top Box Connection	4-1/2 IF	4-1/2 IF
Flow Rate	250 - 800 gpm	946 – 3,028 L/min
Full Load Bit Speed	55 - 185 rpm	55 – 185 rpm
Maximum Torque	6,700 ft-lbs	9,084 N-m
Maximum Power	145.7 hp	108.6 kw
Full Load Diff. Pressure	700 psi	4.8 mpa
Max Diff. Pressure across Bit	1,500 psi	10.34 mpa
Bit to Bend	71.52 in	1,820 mm
Maximum Weight on Bit	50,000 lbs	22,680 kg
Maximum Bit Pull	200,000 Lbs	90,718.5 kg
Weight	1,803 lbs	818 kg
Length	260.52 in	6,610 mm





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Number of Lobes	9:10	9:10
Number of Stages	4	4
Bit Box Connection	4-1/2 REG	4-1/2 REG
Top Box Connection	4-1/2 IF	4-1/2 IF
Flow Rate	250 - 800 gpm	946 – 3,028 L/min
Full Load Bit Speed	55 - 185 rpm	55 – 185 rpm
Maximum Torque	13,000 ft-lbs	17,626 N-m
Maximum Power	236.0 hp	176 kw
Full Load Diff. Pressure	800 psi	5.51 mpa
Max Diff. Pressure across Bit	1,500 psi	10.34 mpa
Bit to Bend	71.52 in	1,820 mm
Maximum Weight on Bit	50,000 lbs	22,680 kg
Maximum Bit Pull	200,000 Lbs	90,718.5 kg
Weight	2,475 lbs	1,626 kg
Length	353.4 in	8,980 mm





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C 675 – 1L - 4

Specifications	English	Metric
Tool OD	6-3/4 in	172 mm
Number of Lobes	1:2	1:2
Number of Stages	4	4
Bit Box Connection	4-1/2 Reg	4-1/2 Reg
Top Box Connection	4-1/2 Reg	4-1/2 Reg
Flow Rate	200 - 500 gpm	12.4 - 32 L/s
Full Load Bit Speed	180 - 455 rpm	180 – 455 rpm
Maximum Torque	4,500 ft-lbs	6,097 N-m
Maximum Power	143 hp	107 kw
Full Load Diff. Pressure	600 psi	5.2 mpa
Max Diff. Pressure across Bit	2,000 psi	13.8 mpa
Bit to Bend	76 in	1,939 mm
Maximum Weight on Bit	40,000 lbs	18,000 kg
Maximum Bit Pull	200,000 lbs	90,000 kg
Weight	2,156 lbs	978 kg
Length	261 in	6,663 mm





Triple "L" Oil Services
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TLOS

C 675 – 3L - 6

Specifications	English	Metric
Tool OD	6-3/4 in	172 mm
Number of Lobes	3:4	3:4
Number of Stages	6	6
Bit Box Connection	4-1/2 Reg	4-1/2 Reg
Top Box Connection	4-1/2 Reg	4-1/2 Reg
Flow Rate	220 - 660 gpm	13.2 – 41.6 L/s
Full Load Bit Speed	105 - 260 rpm	105 - 260 rpm
Maximum Torque	15,000 ft-lbs	20,337 N-m
Maximum Power	360 hp	268 kw
Full Load Diff. Pressure	600 psi	4.1 mpa
Max Diff. Pressure across Bit	2,000 psi	13.8 mpa
Bit to Bend	76 in	1,939 mm
Maximum Weight on Bit	40,000 lbs	18,000 kg
Maximum Bit Pull	200,000 lbs	90,000 kg
Weight	2,135 lbs	968 kg
Length	329 in	8,232 mm



C 675 – 5L - 4

Specifications	English	Metric
Tool OD	6-3/4 in	172 mm
Number of Lobes	5:6	5:6
Number of Stages	4	4
Bit Box Connection	4-1/2 Reg	4-1/2 Reg
Top Box Connection	4-1/2 Reg	4-1/2 Reg
Flow Rate	220 - 500 gpm	14 - 32 L/s
Full Load Bit Speed	80 - 180 rpm	80 - 180 rpm
Maximum Torque	5,535 ft-lbs	7,500 N-m
Maximum Power	143 hp	107 kw
Full Load Diff. Pressure	600 psi	5.2 mpa
Max Diff. Pressure across Bit	2,000 psi	13.8 mpa
Bit to Bend	76 in	1,939 mm
Maximum Weight on Bit	40,000 lbs	18,000 kg
Maximum Bit Pull	200,000 lbs	90,000 kg
Weight	2,156 lbs	978 kg
Length	261 in	6,663 mm





Triple "L" Oil Services
A Free Zone Company

TLOS

C 675 – 5L - 5

Specifications	English	Metric
Tool OD	6-3/4 in	172 mm
Number of Lobes	5:6	5:6
Number of Stages	5	5
Bit Box Connection	4-1/2 Reg	4-1/2 Reg
Top Box Connection	4-1/2 Reg	4-1/2 Reg
Flow Rate	220 - 500 gpm	14 - 32 L/s
Full Load Bit Speed	80 - 180 rpm	80 - 180 rpm
Maximum Torque	6,690 ft-lbs	9,070 N-m
Maximum Power	173 hp	129 kw
Full Load Diff. Pressure	750 psi	5.2 mpa
Max Diff. Pressure across Bit	2,000 psi	13.8 mpa
Bit to Bend	76 in	1,939 mm
Maximum Weight on Bit	40,000 lbs	18,000 kg
Maximum Bit Pull	200,000 lbs	90,000 kg
Weight	2,517 lbs	1,142 kg
Length	295 in	7,493 mm





Triple "L" Oil Services
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TLOS

C 675 – 5L - 6

Specifications	English	Metric
Tool OD	6-3/4 in	172 mm
Number of Lobes	5:6	5:6
Number of Stages	6	6
Bit Box Connection	4-1/2 Reg	4-1/2 Reg
Top Box Connection	4-1/2 Reg	4-1/2 Reg
Flow Rate	220 - 500 gpm	14 - 32 L/s
Full Load Bit Speed	80 - 180 rpm	80 - 180 rpm
Maximum Torque	7,840 ft-lbs	10,630 N-m
Maximum Power	203 hp	151 kw
Full Load Diff. Pressure	900 psi	6.2 mpa
Max Diff. Pressure across Bit	2,000 psi	13.8 mpa
Bit to Bend	76 in	1,939 mm
Maximum Weight on Bit	40,000 lbs	18,000 kg
Maximum Bit Pull	200,000 lbs	90,000 kg
Weight	2,878 lbs	1,306 kg
Length	329 in	8,323 mm





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TLOS

C 675 – 9L - 2

Specifications	English	Metric
Tool OD	6-3/4 in	172 mm
Number of Lobes	9:10	9:10
Number of Stages	2	2
Bit Box Connection	4-1/2 Reg	4-1/2 Reg
Top Box Connection	4-1/2 Reg	4-1/2 Reg
Flow Rate	200 - 650 gpm	12 - 41 L/s
Full Load Bit Speed	55 - 180 rpm	55 - 180 rpm
Maximum Torque	8,000 ft-lbs	10,847 N-m
Maximum Power	207 hp	154 kw
Full Load Diff. Pressure	300 psi	2.1 mpa
Max Diff. Pressure across Bit	2,000 psi	13.8 mpa
Bit to Bend	76 in	1,939 mm
Maximum Weight on Bit	40,000 lbs	18,000 kg
Maximum Bit Pull	200,000 lbs	90,000 kg
Weight	1,795 lbs	814 kg
Length	204 in	5,182 mm

