



MOTOR SPECIFICATIONS

CAMSCOUT®



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CAMScout® double stabilized, single stabilized, and slick options are available with the following power sections:

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CAMScout® double stabilized, single stabilized, and slick options are available with the following power sections:

Power Section
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<u>8" Mud Lube (B) 8/9 4.0</u>
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CAMSCOUT®



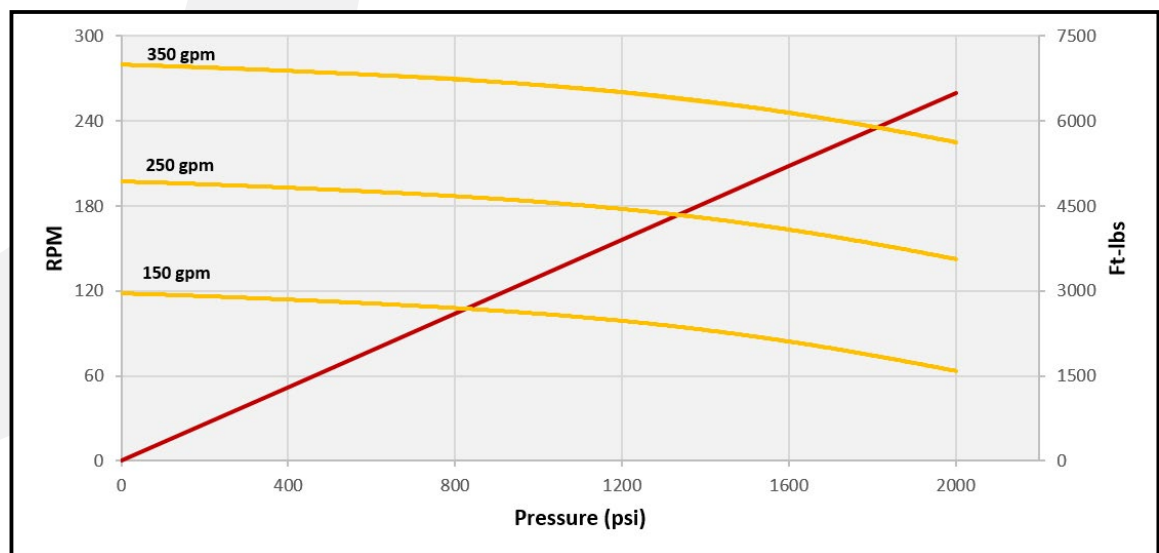
5" Mud Lube (B) 6/7 8.0

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	403" (10.23)
CAMScout Nominal Length	388" (9.85 m)
Weight	2,000 lbs (907 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	150-350 gpm (568- 1,325 l/min)
Revolutions	0.79 rev/gal 0.209 rev/l
Max Differential Pressure	1880 psi (12,962 kPa)
Max Torque	6,110 ft-lbf (8,284 Nm)
Stall Differential Pressure	2,820 psi (19,443 kPa)
Stall Torque	9,165 ft-lbf (12,426 Nm)
Torque Slope	3.3 ft-lbs/psi (0.649 Nm/kPa)
Off-Bottom Pressure	183 psi (1,262 kPa)

Specifications	Tool Size - 5" (127 mm)
Hole Size	5-7/8" - 7-7/8" (127 mm - 178 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1 (25 mm)
Maximum W.O.B. - Dynamic	36,000 lbf (16,014 daN)
Maximum W.O.B. - Static	101,000 lbsf (44,927 daN)
Maximum Bit Overpull	125,000 lbsf (55,602 daN)
Absolute Overpull	535,000 lbf (237,980 daN)
Bearing Section Torque Capacity	14,000 ft-lbf (18,981 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	62" (1,574 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	13,600 ft-lbf (18,439 Nm)
Float Type (Standard) Float Type (CET 43)	4R 3-1/2" IF



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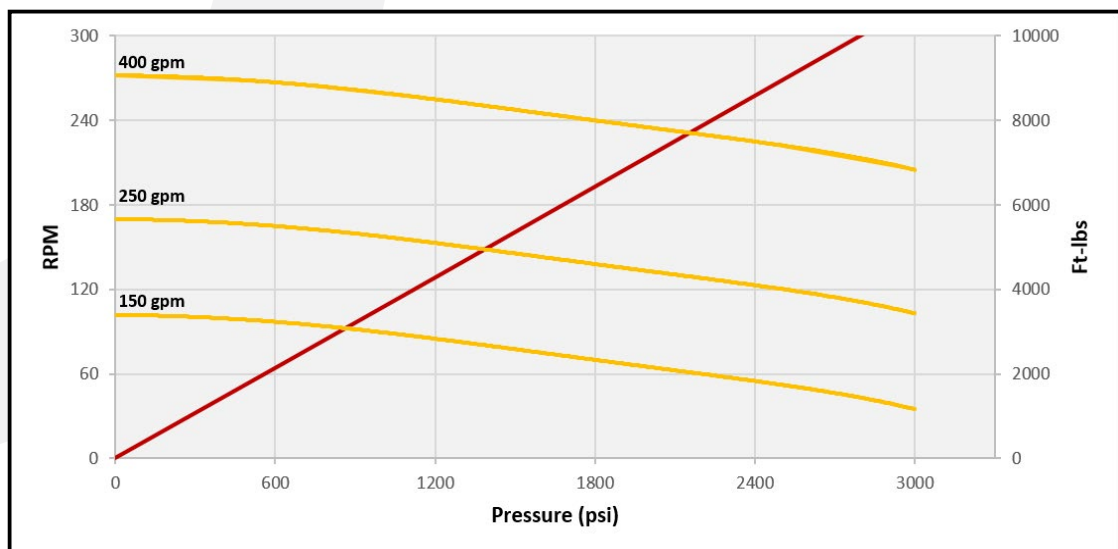
5" Mud Lube (B) 6/7 8.8

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	423" (10.74 m)
CAMScout Nominal Length	418" (10.62 m)
Weight	2,300 lbs (1043 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	150-400 gpm (568- 1,514 l/min)
Revolutions	0.68 rev/gal 0.180 rev/l
Max Differential Pressure	2240 psi (15,444 kPa)
Max Torque	8,014 ft-lbf (10,865 Nm)
Stall Differential Pressure	3,360 psi (23,166 kPa)
Stall Torque	12,021 ft-lbf (16,298 Nm)
Torque Slope	3.6 ft-lbs/psi (0.708 Nm/kPa)
Off-Bottom Pressure	131 psi (903 kPa)

Specifications	Tool Size - 5" (127 mm)
Hole Size	5-7/8" - 7-7/8" (127 mm - 178 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1 (25 mm)
Maximum W.O.B. - Dynamic	36,000 lbf (16,014 daN)
Maximum W.O.B. - Static	101,000 lbf (44,927 daN)
Maximum Bit Overpull	125,000 lbf (55,602 daN)
Absolute Overpull	535,000 lbf (237,980 daN)
Bearing Section Torque Capacity	14,000 ft-lbs (18,981 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	62" (1,574 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	13,600 ft-lbf (18,439 Nm)
Float Type (Standard) Float Type (CET 43)	4R 3-1/2" IF



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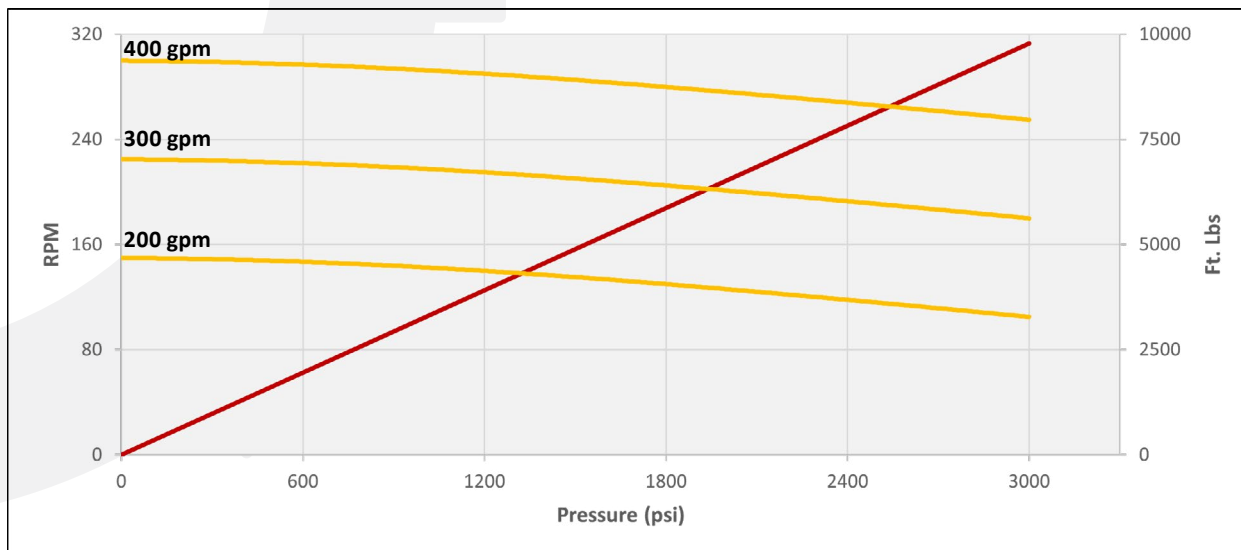
5" Mud Lube (B) 6/7 10.9

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	428" (10.87 m)
CAMScout Nominal Length	413" (10.49 m)
Weight	2,000 lbs (907 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	200-400 gpm (757- 1,514 l/min)
Revolutions	0.75 rev/gal 0.198 rev/l
Max Differential Pressure	2570 psi (17,720 kPa)
Max Torque	8,380 ft-lbf (11,362 Nm)
Stall Differential Pressure	4,040 psi (27,855 kPa)
Stall Torque	13,200 ft-lbf (17,897 Nm)
Torque Slope	3.3 ft-lbs/psi (0.649 Nm/kPa)
Off-Bottom Pressure	200 psi (1,379 kPa)

Specifications	Tool Size - 5" (127 mm)
Hole Size	5-7/8" - 7-7/8" (127 mm - 178 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1 (25 mm)
Maximum W.O.B. - Dynamic	36,000 lbf (16,014 daN)
Maximum W.O.B. - Static	101,000 lbf (44,927 daN)
Maximum Bit Overpull	125,000 lbf (55,602 daN)
Absolute Overpull	535,000 lbf (237,980 daN)
Bearing Section Torque Capacity	14,000 ft-lbf (18,981 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	62" (1,574 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	13,600 ft-lbf (18,439 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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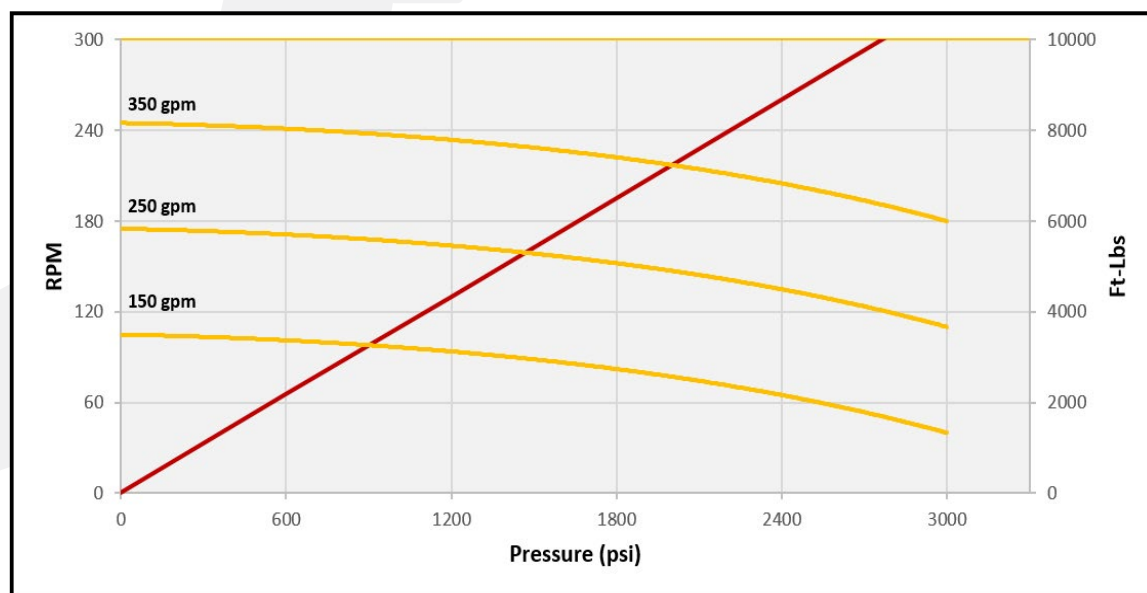
5" Mud Lube (B) 7/8 8.2

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	401" (10.18 m)
CAMScout Nominal Length	386" (9.80 m)
Weight	2,200 lbs (998 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	150-350 gpm (568- 1,324 l/min)
Revolutions	0.7 rev/gal 0.185 rev/l
Max Differential Pressure	1850 psi (12,755 kPa)
Max Torque	6,700 ft-lbf (9,083 Nm)
Stall Differential Pressure	2,775 psi (19,132 kPa)
Stall Torque	10,050 ft-lbf (13,625 Nm)
Torque Slope	3.6 ft-lbs/psi (0.708 Nm/kPa)
Off-Bottom Pressure	171 psi (1,179 kPa)

Specifications	Tool Size - 5" (127 mm)
Hole Size	5-7/8" - 7-7/8" (127 mm - 178 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1 (25 mm)
Maximum W.O.B. - Dynamic	36,000 lbf (16,014 daN)
Maximum W.O.B. - Static	101,000 lbf (44,927 daN)
Maximum Bit Overpull	125,000 lbf (55,602 daN)
Absolute Overpull	535,000 lbf (237,980 daN)
Bearing Section Torque Capacity	14,000 ft-lbf (18,981 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	62" (1,574 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	13,600 ft-lbf (18,439 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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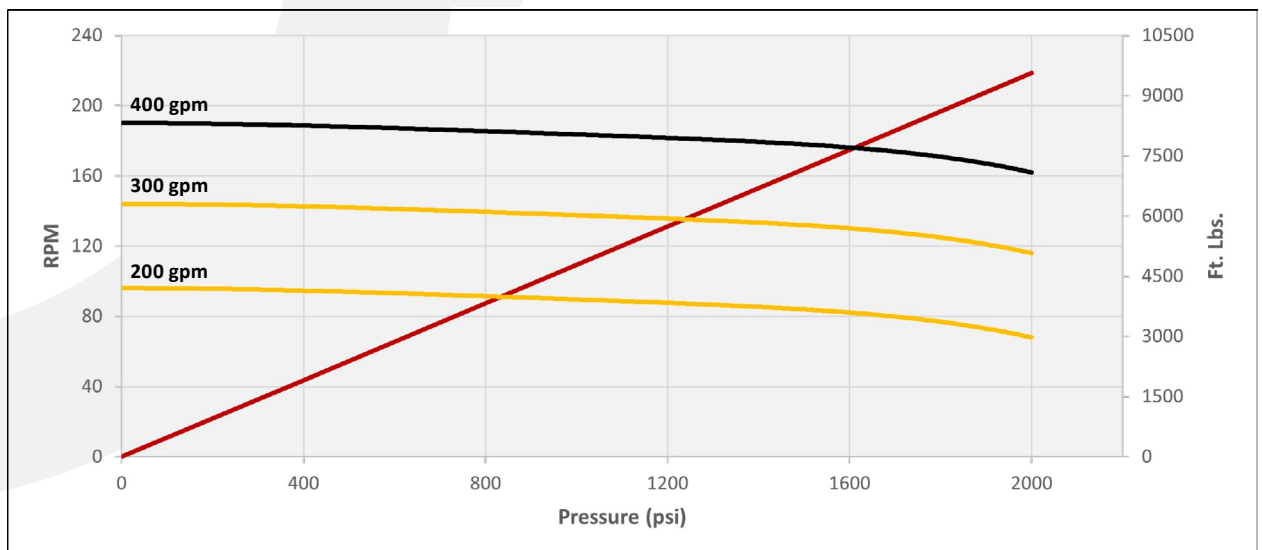
5" Mud Lube (B) 7/8 8.3

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	428" (10.87 m)
CAMScout Nominal Length	413" (10.49 m)
Weight	1,900 lbs (862 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	200-400 gpm (757- 1,514 l/min)
Revolutions	048 rev/gal 0.127 rev/l
Max Differential Pressure	1960 psi (13,513 kPa)
Max Torque	9,370 ft-lbf (12,704 Nm)
Stall Differential Pressure	3,080 psi (21,236 kPa)
Stall Torque	14,050 ft-lbf (19,049 Nm)
Torque Slope	3.6 ft-lbs/psi (0.708 Nm/kPa)
Off-Bottom Pressure	160 psi (1,103 kPa)

Specifications	Tool Size - 5" (127 mm)
Hole Size	5-7/8" - 7-7/8" (127 mm - 178 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1 (25 mm)
Maximum W.O.B. - Dynamic	36,000 lbf (16,014 daN)
Maximum W.O.B. - Static	101,000 lbf (44,927 daN)
Maximum Bit Overpull	125,000 lbf (55,602 daN)
Absolute Overpull	535,000 lbf (237,980 daN)
Bearing Section Torque Capacity	14,000 ft-lbf (18,981 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	62" (1,574 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	13,600 ft-lbf (18,439 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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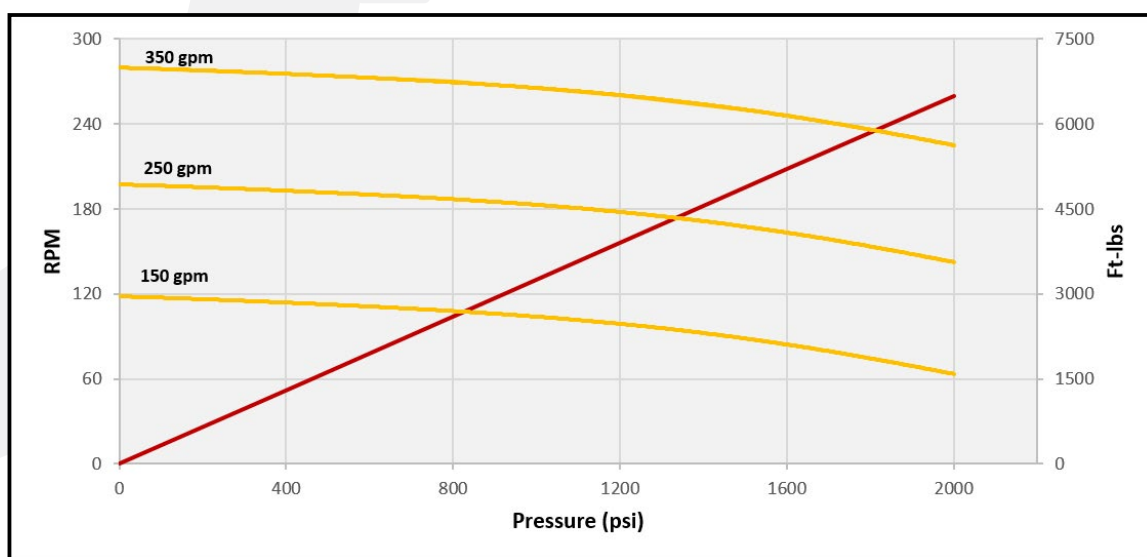
5-3/4" Mud Lube (B) 6/7 8.0

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	410" (10.41 m)
CAMScout Nominal Length	395" (10.03 m)
Weight	2,000 lbs (907 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	150-350 gpm (568- 1,325 l/min)
Revolutions	0.79 rev/gal 0.209 rev/l
Max Differential Pressure	1880 psi (12,962 kPa)
Max Torque	6,110 ft-lbf (8,284 Nm)
Stall Differential Pressure	2,820 psi (19,443 kPa)
Stall Torque	9,165 ft-lbf (12,426 Nm)
Torque Slope	3.3 ft-lbs/psi (0.649 Nm/kPa)
Off-Bottom Pressure	183 psi (1,262 kPa)

Specifications	Tool Size - 5-3/4" (127 mm)
Hole Size	6-3/4" - 7-7/8" (152 mm - 179 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1-1/4" (25 mm)
Maximum W.O.B. - Dynamic	41,500 lbf (18,460 daN)
Maximum W.O.B. - Static	116,000 lbf (51,599 daN)
Maximum Bit Overpull	132,000 lbf (58,171 daN)
Absolute Overpull	615,000 lbf (273,565 daN)
Bearing Section Torque Capacity	19,000 ft-lbf (25,760 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	N/A
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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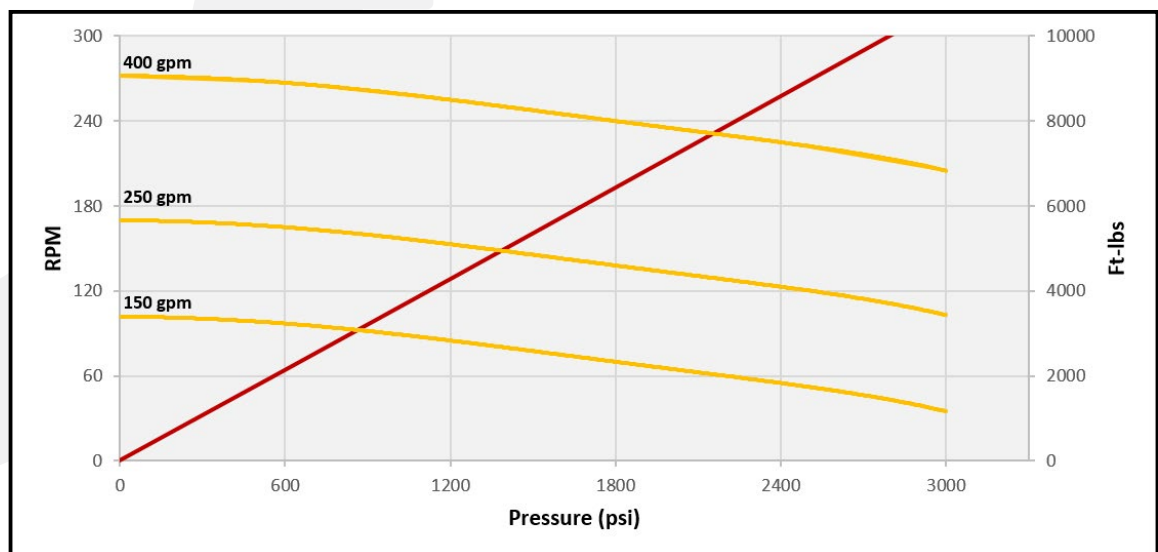
5-3/4" Mud Lube (B) 6/7 8.8

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	426" (10.82 m)
CAMScout Nominal Length	411" (10.43 m)
Weight	2,300 lbs (1043 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	150-400 gpm (568- 1,514 l/min)
Revolutions	0.68 rev/gal 0.180 rev/l
Max Differential Pressure	2240 psi (15,444 kPa)
Max Torque	8,014 ft-lbf (10,865 Nm)
Stall Differential Pressure	3,360 psi (23,166 kPa)
Stall Torque	12,021 ft-lbf (16,298 Nm)
Torque Slope	3.6 ft-lbs/psi (0.708 Nm/kPa)
Off-Bottom Pressure	131 psi (903 kPa)

Specifications	Tool Size - 5-3/4" (127 mm)
Hole Size	6-3/4" - 7-7/8" (152 mm - 179 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1-1/4 (25 mm)
Maximum W.O.B. - Dynamic	41,500 lbf (18,460 daN)
Maximum W.O.B. - Static	116,000 lbf (51,599 daN)
Maximum Bit Overpull	132,000 lbf (58,717 daN)
Absolute Overpull	615,000 lbf (273,565 daN)
Bearing Section Torque Capacity	19,000 ft-lbf (25,760 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	N/A
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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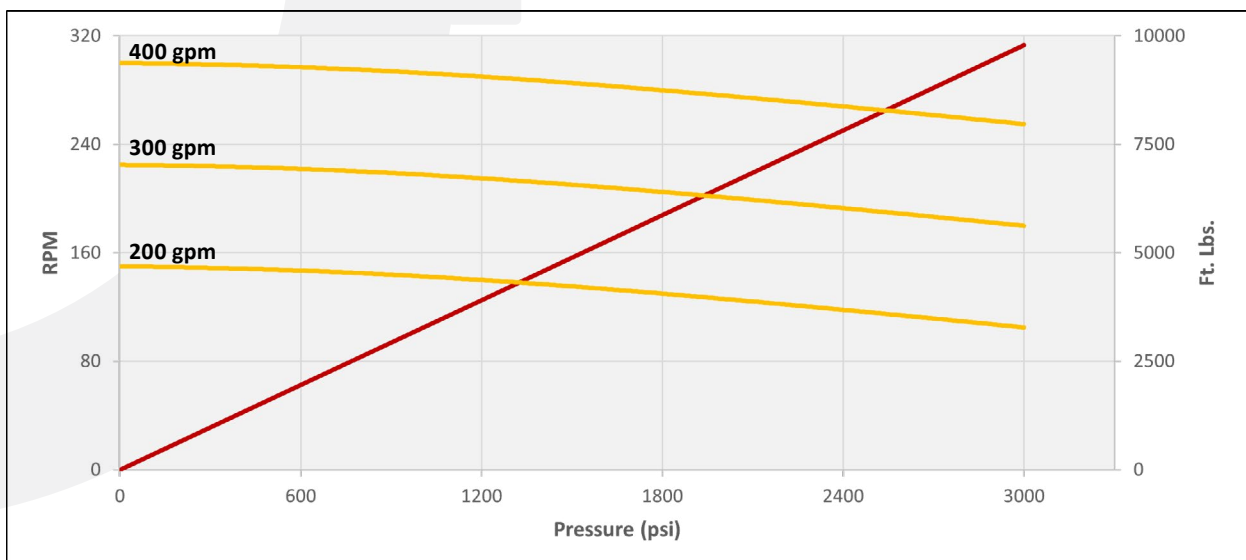


5-3/4" Mud Lube (B) 6/7 10.9 MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	428" (10.87 m)
CAMScout Nominal Length	413" (10.49 m)
Weight	2,200 lbs (998 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	200-400 gpm (757- 1,514 l/min)
Revolutions	0.75 rev/gal 0.198 rev/l
Max Differential Pressure	2,570 psi (17,720 kPa)
Max Torque	8,380 ft-lbf (11,362 Nm)
Stall Differential Pressure	4,040 psi (27,855 kPa)
Stall Torque	13,200 ft-lbf (17,897 Nm)
Torque Slope	3.3 ft-lbs/psi (0.649 Nm/kPa)
Off-Bottom Pressure	200 psi (1,379 kPa)

Specifications	Tool Size - 5-3/4" (127 mm)
Hole Size	6-3/4" - 7-7/8" (152 mm - 179 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1-1/4 (25 mm)
Maximum W.O.B. - Dynamic	41,500 lbf (18,460 daN)
Maximum W.O.B. - Static	116,000 lbf (51,599 daN)
Maximum Bit Overpull	132,000 lbf (58,717 daN)
Absolute Overpull	615,000 lbf (273,565 daN)
Bearing Section Torque Capacity	19,000 ft-lbf (25,760 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	N/A
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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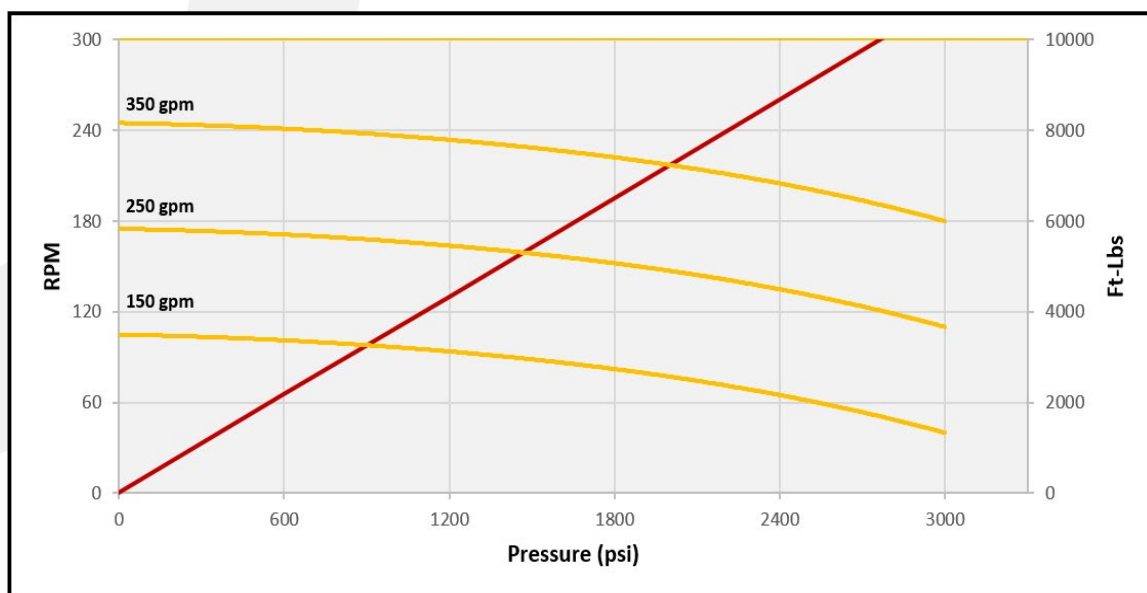
5-3/4" Mud Lube (B) 7/8 8.2

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	401" (10.18")
CAMScout Nominal Length	386" (9.80 m)
Weight	2,200 lbs (998 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	150-350 gpm (568- 1,324 l/min)
Revolutions	0.7 rev/gal 0.185 rev/l
Max Differential Pressure	1850 psi (12,755 kPa)
Max Torque	6,700 ft-lbf (9,083 Nm)
Stall Differential Pressure	2,775 psi (19,132 kPa)
Stall Torque	10,050 ft-lbf (13,625 Nm)
Torque Slope	3.6 ft-lbs/psi (0.708 Nm/kPa)
Off-Bottom Pressure	171 psi (1,179 kPa)

Specifications	Tool Size - 5-3/4" (178 mm)
Hole Size	6-3/4" - 7-7/8" (152 mm - 178 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1-1/4" (25.4 mm)
Maximum W.O.B. - Dynamic	41,500 lbf (18,460 daN)
Maximum W.O.B. - Static	116,000 lbf (51,599 daN)
Maximum Bit Overpull	132,000 lbf (58,717 daN)
Absolute Overpull	615,000 lbf (273,565 daN)
Bearing Section Torque Capacity	19,000 ft-lbf (25,760 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	N/A
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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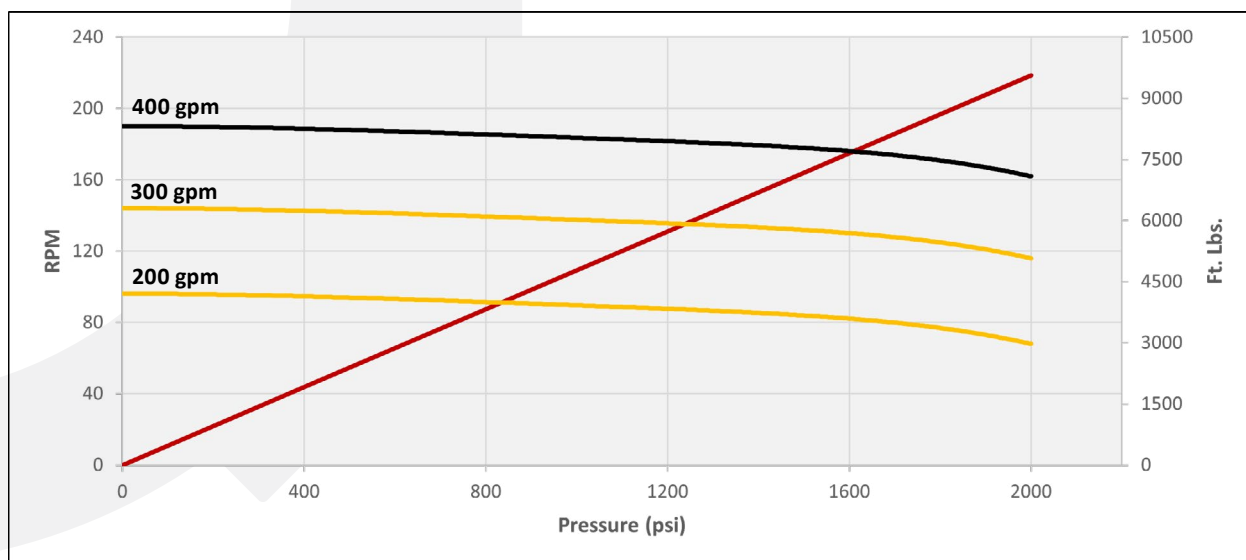


5-3/4" Mud Lube (B) 7/8 8.3

MOTOR SPECIFICATIONS

Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	428" (10.87 m)
CAMScout Nominal Length	413" (10.49 m)
Weight	2,100 lbs (956 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	200-400 gpm (757- 1,515 l/min)
Revolutions	048 rev/gal 0.127 rev/l
Max Differential Pressure	1960 psi (13,514 kPa)
Max Torque	9,370 ft-lbf (12,704 Nm)
Stall Differential Pressure	3,080 psi (21,235 kPa)
Stall Torque	14,750 ft-lbf (19,998 Nm)
Torque Slope	4.8 ft-lbs/psi (0.994 Nm/kPa)
Off-Bottom Pressure	160 psi (1,103 kPa)

Specifications	Tool Size - 5-3/4" (178 mm)
Hole Size	6-3/4" - 7-7/8" (152 mm - 178 mm)
Bit Box	3-1/2" REG
Mandrel Bore	1-1/4" (25.4 mm)
Maximum W.O.B. - Dynamic	41,500 lbf (18,460 daN)
Maximum W.O.B. - Static	116,000 lbf (51,599 daN)
Maximum Bit Overpull	132,000 lbf (58,717 daN)
Absolute Overpull	615,000 lbf (273,565 daN)
Bearing Section Torque Capacity	19,000 ft-lbf (25,760 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	N/A
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type (Standard)	4R
Float Type (CET 43)	3-1/2" IF



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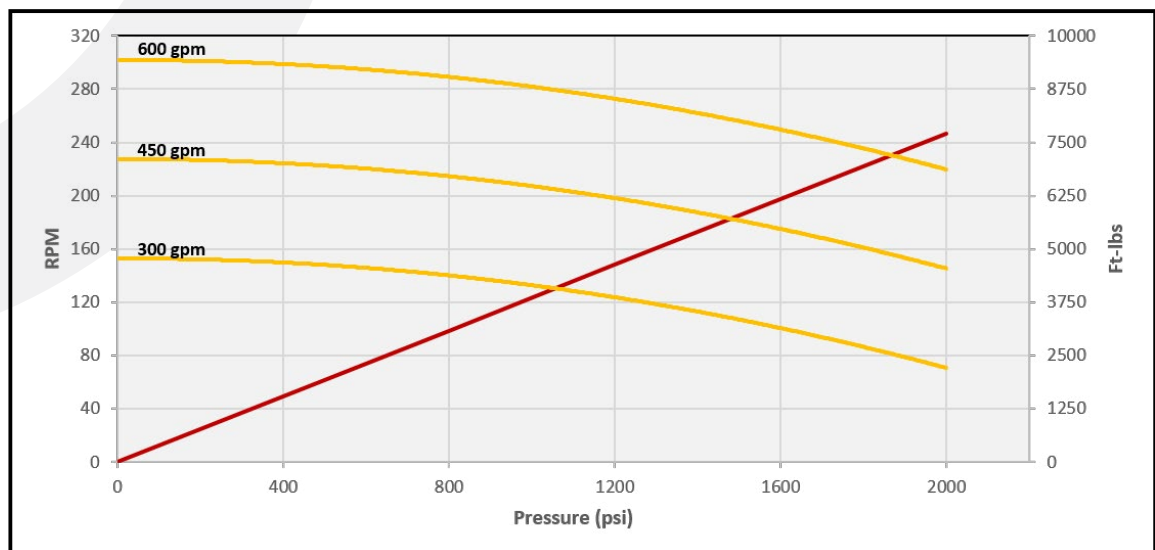


6-1/2" Mud Lube (B) 4/5 7.0 MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	384" (9.75 m)
CAMScout Nominal Length	369" (9.37 m)
Weight	2,580 lbs (1,170 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-600 gpm (1,136 - 2,271 l/min)
Revolutions	0.497 rev/gal (0.131 rev/l)
Max Differential Pressure	2,360 psi (16,272 kPa)
Max Torque	9,090 ft-lbf (12,324 Nm)
Stall Differential Pressure	3540 psi (24,407 kPa)
Stall Torque	13,635 ft-lbf (18,487 Nm)
Torque Slope	3.9 ft-lbs/psi (0.767 Nm/kPa)
Off-Bottom Pressure	256 psi (1,765 kPa)

Specifications	Tool Size - 6-1/2" (165 mm)
Hole Size	7-7/8" - 9-7/8" (200 mm - 251 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,172 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (376,141 daN)
Bearing Section Torque Capacity	35,000 ft-lbf (47,454 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	67-3/4" (1721 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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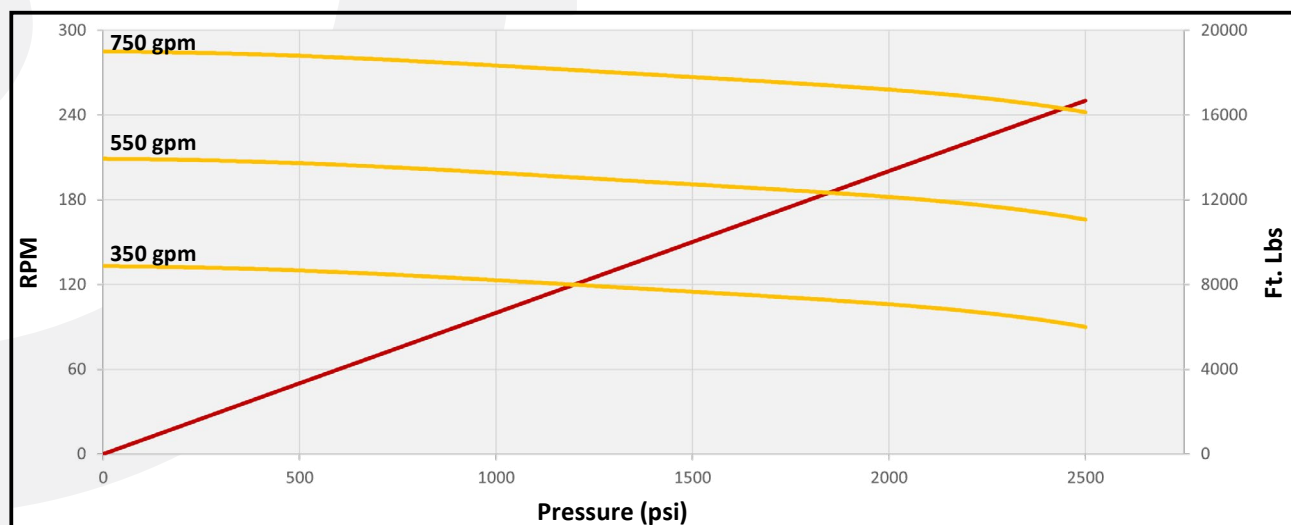


6-1/2" Mud Lube (B) 5/6 9.6 MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	457" (11.60 m)
CAMScout Nominal Length	442" (11.22 m)
Weight	3,365 lbs (1,526 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	350-750 gpm (1,325 - 2,839 l/min)
Revolutions	0.38 rev/gal (0.100 rev/l)
Max Differential Pressure	2,260 psi (15,582 kPa)
Max Torque	15,080 ft-lbf (20,446 Nm)
Stall Differential Pressure	3,560 psi (24,545 kPa)
Stall Torque	23,740 ft-lbf (32,187 Nm)
Torque Slope	6.7 ft-lbs/psi (1.318 Nm/kPa)
Off-Bottom Pressure	240 psi (1,655 kPa)

Specifications	Tool Size - 6-1/2" (165 mm)
Hole Size	7-7/8" - 9-7/8" (200 mm - 251 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,172 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (376,141 daN)
Bearing Section Torque Capacity	35,000 ft-lbf (47,454 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	67-3/4" (1721 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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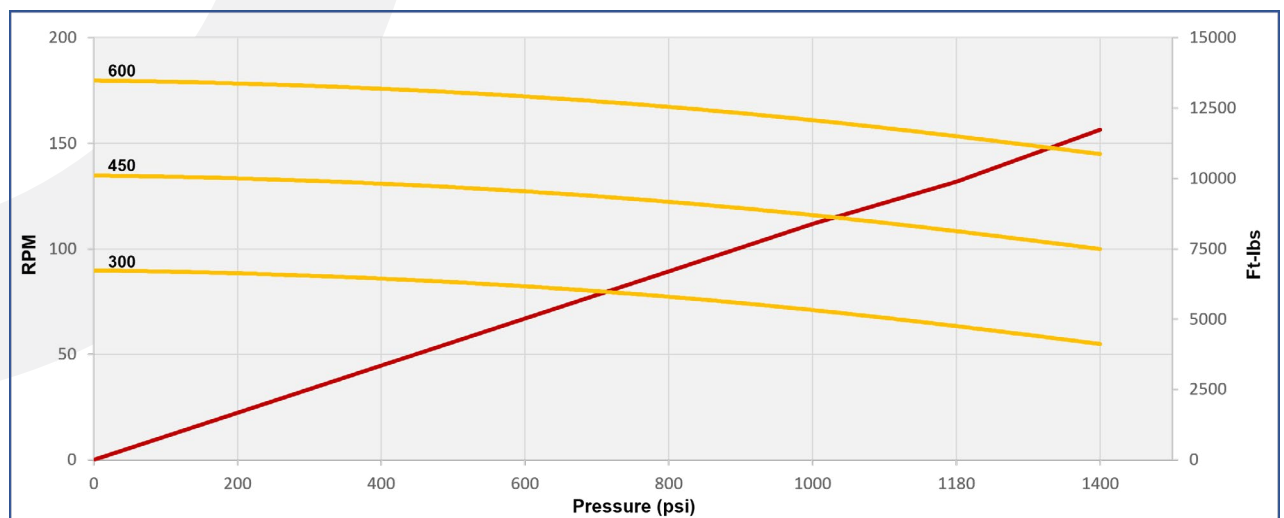


6-1/2" Mud Lube (B) 6/7 5.0 MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	415.5" (10.55 m)
CAMScout Nominal Length	400.5" (10.17 m)
Weight	2,639 lbs (1,132 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-600 gpm 1,135 - 2,271 l/min)
Revolutions	0.300 rev/gal (0.079 rev/l)
Max Differential Pressure	1,180 psi (8,136 kPa)
Max Torque	9,850 ft-lbf (13,326 Nm)
Stall Differential Pressure	1,860 psi (12,824 kPa)
Stall Torque	15,510 ft-lbf (21,029 Nm)
Torque Slope	8.38 ft-lbs/psi (1.648 Nm/kPa)
Off-Bottom Pressure	160 psi (1,103 kPa)

Specifications	Tool Size - 6-1/2" (165 mm)
Hole Size	7-7/8" - 9-7/8" (200 mm - 251 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,172 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (375,875 daN)
Bearing Section Torque Capacity	35,000 ft-lbf (47,454 Nm)
Bit-to-Bend Fixed	48" (914 mm)
Bit-to-Bend Adjustable	67-3/4" (1721 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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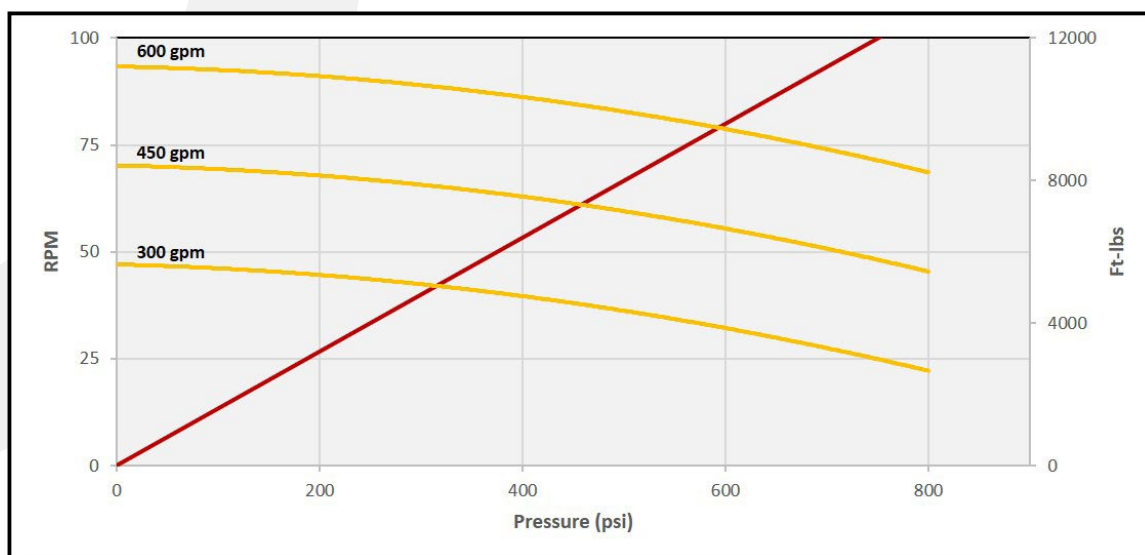


6-1/2" Mud Lube (B) 7/8 3.0 Slow MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	378" (9.60 m)
CAMScout Nominal Length	363" (9.22 m)
Weight	2,570 lbs (1,166 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-600 gpm 1,135 - 2,271 l/min)
Revolutions	0.155 rev/gal (0.041 rev/l)
Max Differential Pressure	680 psi (4,688 kPa)
Max Torque	10,880 ft-lbf (14,751 Nm)
Stall Differential Pressure	1,020 psi (7,032 kPa)
Stall Torque	16,320 ft-lbf (22,127 Nm)
Torque Slope	16.0 ft-lbs/psi (3.146 Nm/kPa)
Off-Bottom Pressure	137 psi (945 kPa)

Specifications	Tool Size - 6-1/2" (165 mm)
Hole Size	7-7/8" - 9-7/8" (200 mm - 251 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,172 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (375,875 daN)
Bearing Section Torque Capacity	38,000 ft-lbf (51,521 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	67-3/4" (1,721 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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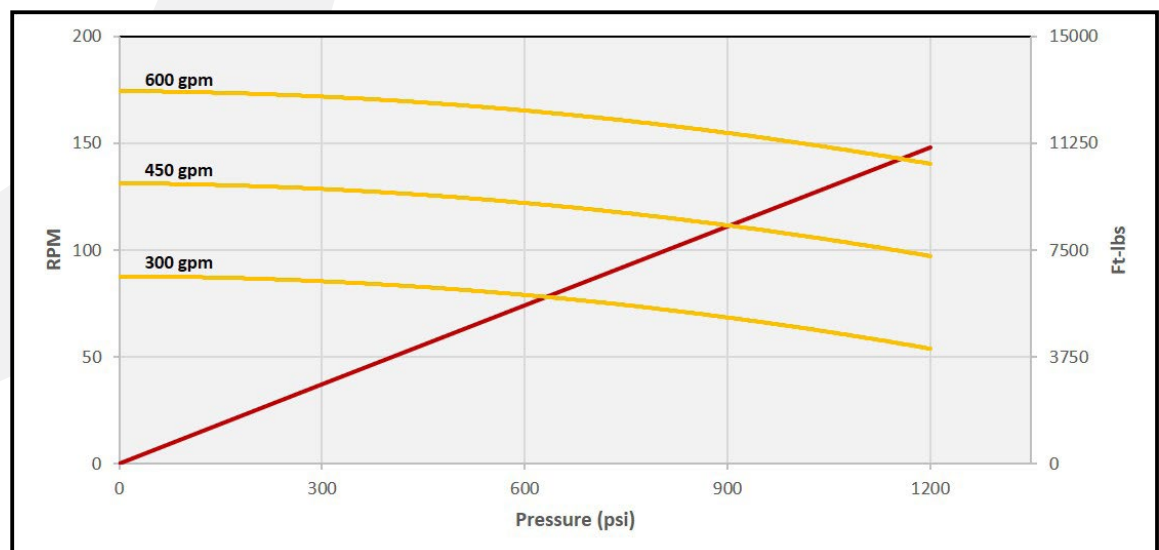


6-1/2" Mud Lube (B) 7/8 5.0 MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	369" (9.37 m)
CAMScout Nominal Length	354" (8.99 m)
Weight	2,495 lbs (1,132 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-600 gpm 1,135 - 2,271 l/min)
Revolutions	0.288 rev/gal (0.076 rev/l)
Max Differential Pressure	1,130 psi (7,791 kPa)
Max Torque	10,460 ft-lbf (14,182 Nm)
Stall Differential Pressure	1,695 psi (11,686 kPa)
Stall Torque	15,690 ft-lbf (21,273 Nm)
Torque Slope	9.3 ft-lbs/psi (1.829 Nm/kPa)
Off-Bottom Pressure	193 psi (1,330 kPa)

Specifications	Tool Size - 6-1/2" (165 mm)
Hole Size	7-7/8" - 9-7/8" (200 mm - 251 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,172 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (375,875 daN)
Bearing Section Torque Capacity	35,000 ft-lbf (47,454 Nm)
Bit-to-Bend Fixed	48" (914 mm)
Bit-to-Bend Adjustable	67-3/4" (1721 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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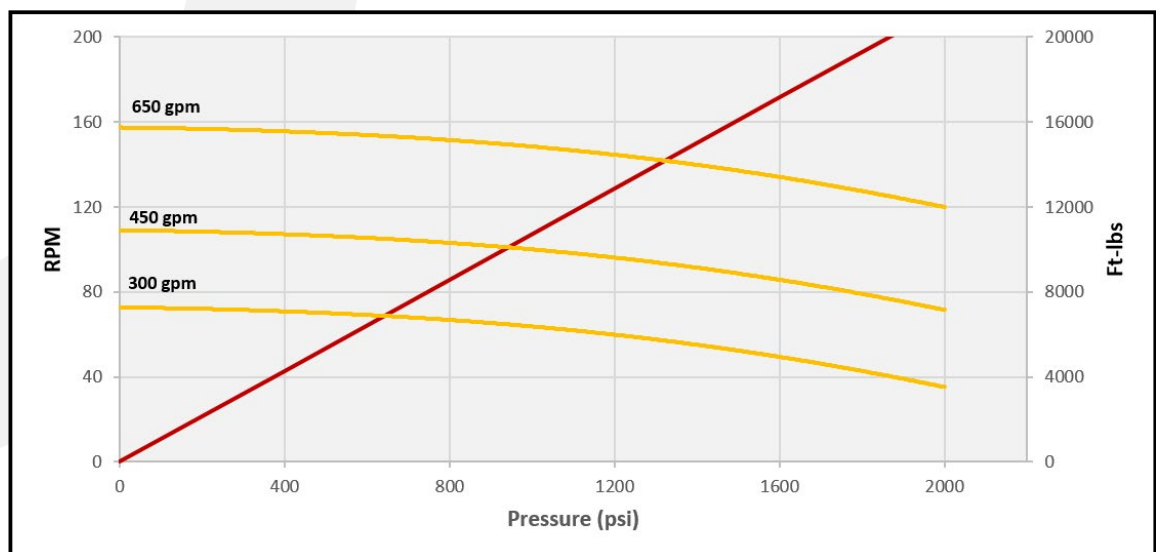
6-1/2" Mud Lube (B) 7/8 5.7

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	434" (11.02 m)
CAMScout Nominal Length	419" (10.64 m)
Weight	2,600 lbs (1,179 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-650 gpm (1,136- 2461 l/min)
Revolutions	0.242 rev/gal 0.064rev/l
Max Differential Pressure	1280 psi (8,825 kPa)
Max Torque	13,270 ft-lbf (17,992 Nm)
Stall Differential Pressure	1,920 psi (13,237 kPa)
Stall Torque	20,580 ft-lbf (27,903 Nm)
Torque Slope	10.7 ft-lbs/psi (2.104 Nm/kPa)
Off-Bottom Pressure	150 psi (1,034 kPa)

Specifications	Tool Size - 6-1/2" (152 mm)
Hole Size	7-7/8" - 9-7/8" (178 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (25 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,171 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (375,874 daN)
Bearing Section Torque Capacity	35,000 ft-lbf (47,453 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	67-7/8" (1,702 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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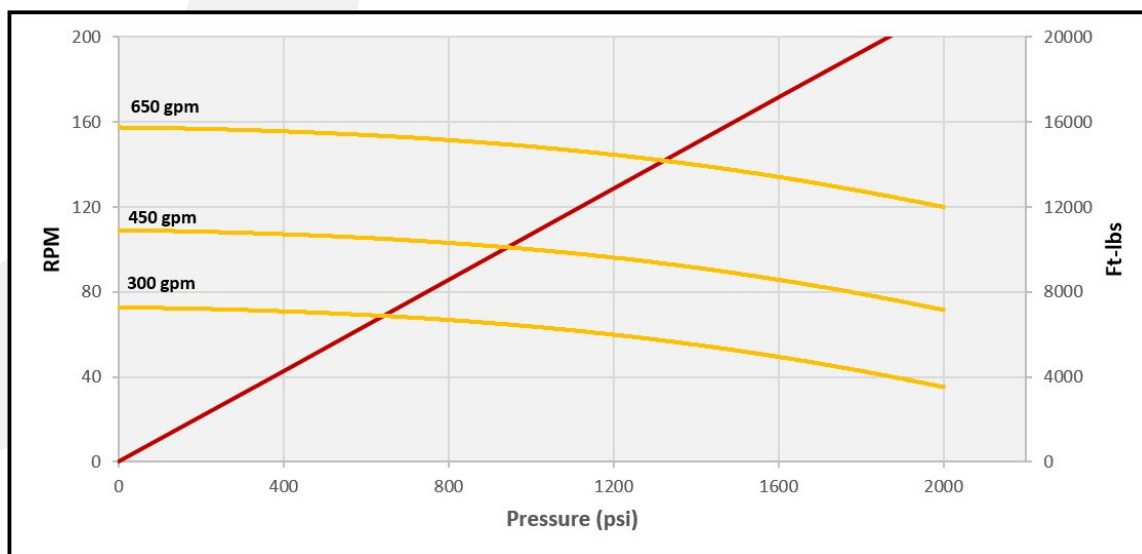
6-5/8" Mud Lube (B) 6/7 7.6

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	459" (11.65 m)
CAMScout Nominal Length	444" (11.28 m)
Weight	2,825 lbs (1,281 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-700 gpm (1,136- 2650 l/min)
Revolutions	0.315 rev/gal 0.083 rev/l
Max Differential Pressure	1808 psi (20,199 kPa)
Max Torque	14,898 ft-lbf (17,992 Nm)
Stall Differential Pressure	2,712 psi (18,699 kPa)
Stall Torque	22,347 ft-lbf (30,298 Nm)
Torque Slope	8.24 ft-lbs/psi (1.620 Nm/kPa)
Off-Bottom Pressure	400 psi (2,758 kPa)

Specifications	Tool Size - 6-1/2" (152 mm)
Hole Size	7-7/8" - 9-7/8" (178 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (25 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,171 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (375,874 daN)
Bearing Section Torque Capacity	35,000 ft-lbf (47,453 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	67-7/8" (1,702 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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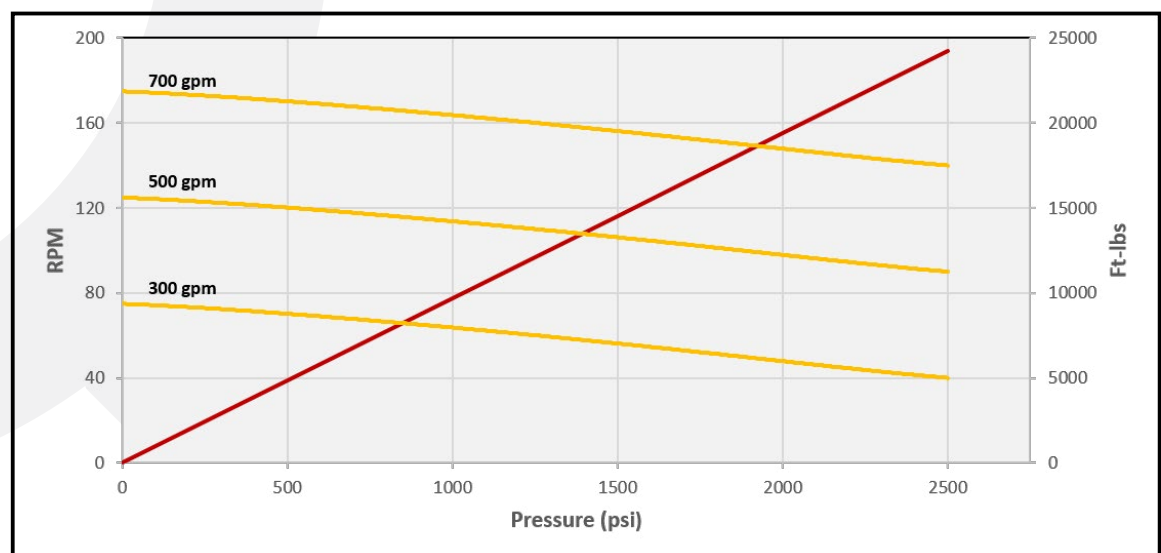
6-5/8" Mud Lube (B) 7/8 6.9

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	448" (11.38 m)
CAMScout Nominal Length	433" (10.99 m)
Weight	4,200 lbs (1,905 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-750 gpm (1,136- 2,839 l/min)
Revolutions	0.25 rev/gal 0.066 rev/l
Max Differential Pressure	1960 psi (13,514 kPa)
Max Torque	19,010 ft-lbf (25,774 Nm)
Stall Differential Pressure	2,940 psi (20,270 kPa)
Stall Torque	28,515 ft-lbf (38,661 Nm)
Torque Slope	9.7 ft-lbs/psi (1.907 Nm/kPa)
Off-Bottom Pressure	127 psi (876 kPa)

Specifications	Tool Size - 6-1/2" (152 mm)
Hole Size	7-7/8" - 9-7/8" (178 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (25 mm)
Maximum W.O.B. - Dynamic	56,000 lbf (24,910 daN)
Maximum W.O.B. - Static	160,000 lbf (71,171 daN)
Maximum Bit Overpull	197,000 lbf (87,630 daN)
Absolute Overpull	845,000 lbf (375,874 daN)
Bearing Section Torque Capacity	35,000 ft-lbf (47,453 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	67-7/8" (1,702 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	27,000 ft-lbf (36,607 Nm)
Float Type	5R



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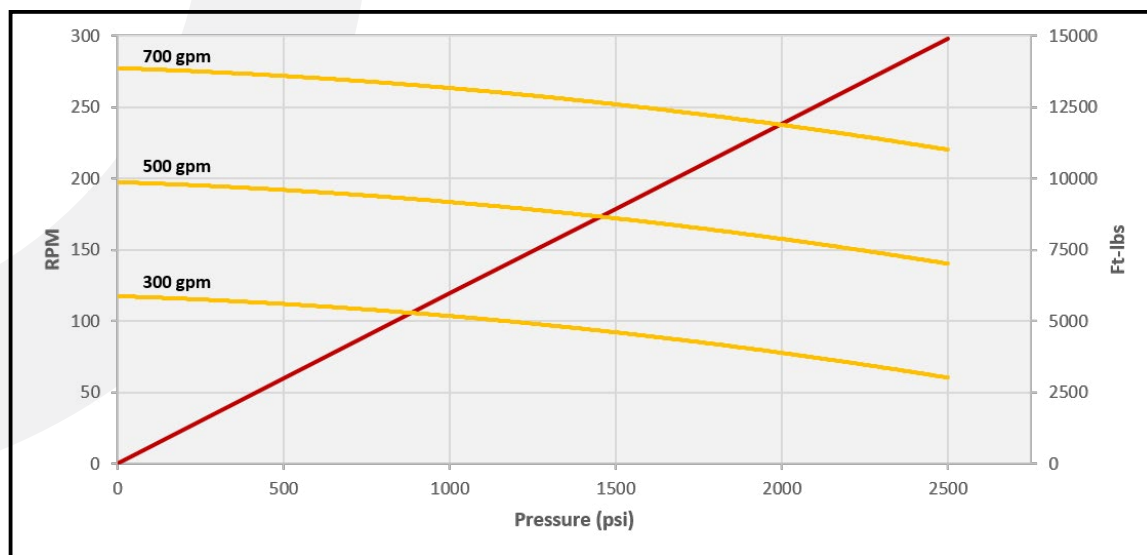
7-1/8" Mud Lube (B) 5/6 9.4

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	448" (11.38 m)
CAMScout Nominal Length	433' (10.99 m)
Weight	4,500 lbs (2041 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-700 gpm (1,136- 2,650 l/min)
Revolutions	0.4 rev/gal 0.106 rev/l
Max Differential Pressure	1880 psi (12,962 kPa)
Max Torque	11,214 ft-lbf (15,204 Nm)
Stall Differential Pressure	2,820 psi (19,443 kPa)
Stall Torque	16,821 ft-lbf (22,806 Nm)
Torque Slope	6.0 ft-lbs/psi (1.180 Nm/kPa)
Off-Bottom Pressure	128 psi (883 kPa)

Specifications	Tool Size - 7-1/8" (178 mm)
Hole Size	8-3/8" - 9-7/8" (203 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-3/4" (25 mm)
Maximum W.O.B. - Dynamic	58,000 lbf (25,800 daN)
Maximum W.O.B. - Static	164,000 lbf (72,951 daN)
Maximum Bit Overpull	202,000 lbf (89,854 daN)
Absolute Overpull	865,000 lbf (384,771 daN)
Bearing Section Torque Capacity	43,000 ft-lbf (58,300 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	69-1/4" (1,753 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	31,000 ft-lbf (42,030 Nm)
Float Type	5R

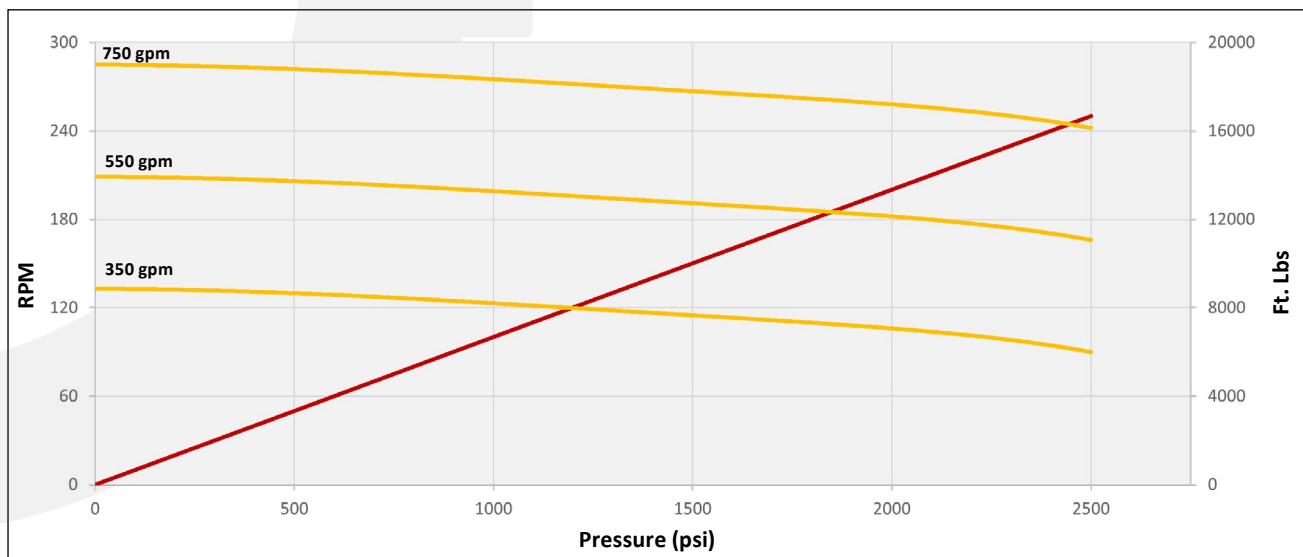


7-1/8" Mud Lube (B) 5/6 9.6

MOTOR SPECIFICATIONS

Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	457" (11.60 m)
CAMScout Nominal Length	442' (11.22 m)
Weight	3,665 lbs (1,526 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	350-750 gpm (1,325- 2,839 l/min)
Revolutions	0.38 rev/gal 0.100 rev/l
Max Differential Pressure	2,260 psi (15,582 kPa)
Max Torque	15,080 ft-lbf (20,446 Nm)
Stall Differential Pressure	3,560 psi (24,545 kPa)
Stall Torque	23740 ft-lbf (32,187 Nm)
Torque Slope	6.7 ft-lbs/psi (1.318 Nm/kPa)
Off-Bottom Pressure	240 psi (1,654 kPa)

Specifications	Tool Size - 7-1/8" (178 mm)
Hole Size	8-3/8" - 9-7/8" (203 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	58,000 lbf (25,800 daN)
Maximum W.O.B. - Static	164,000 lbf (72,951 daN)
Maximum Bit Overpull	202,000 lbf (89,854 daN)
Absolute Overpull	865,000 lbf (384,771 daN)
Bearing Section Torque Capacity	43,000 ft-lbf (58,300 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	69-1/4" (1,753 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	31,000 ft-lbf (42,030 Nm)
Float Type	5R



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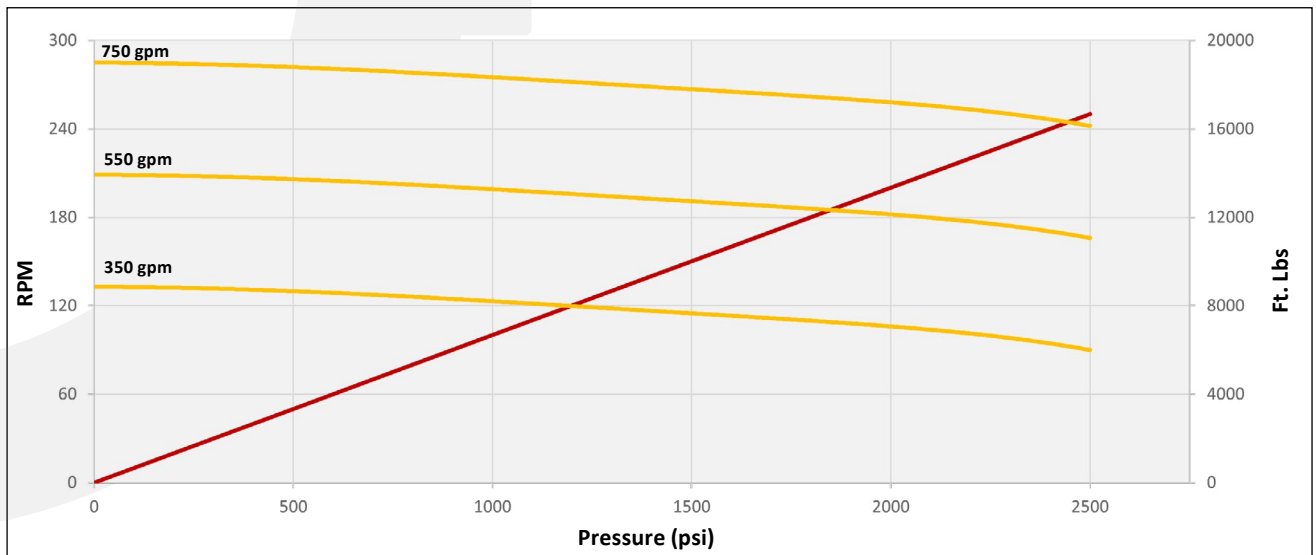
7-1/8" Mud Lube (B) 5/6 9.6

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	457" (11.60 m)
CAMScout Nominal Length	442' (11.22 m)
Weight	3,665 lbs (1,526 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	350-750 gpm (1,325- 2,839 l/min)
Revolutions	0.38 rev/gal 0.100 rev/l
Max Differential Pressure	2,260 psi (15,582 kPa)
Max Torque	15,080 ft-lbf (20,446 Nm)
Stall Differential Pressure	3,560 psi (24,545 kPa)
Stall Torque	23740 ft-lbf (32,187 Nm)
Torque Slope	6.7 ft-lbs/psi (1.318 Nm/kPa)
Off-Bottom Pressure	240 psi (1,654 kPa)

Specifications	Tool Size - 7-1/8" (178 mm)
Hole Size	8-3/8" - 9-7/8" (203 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	58,000 lbf (25,800 daN)
Maximum W.O.B. - Static	164,000 lbf (72,951 daN)
Maximum Bit Overpull	202,000 lbf (89,854 daN)
Absolute Overpull	865,000 lbf (384,771 daN)
Bearing Section Torque Capacity	43,000 ft-lbf (58,300 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	69-1/4" (1,753 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	31,000 ft-lbf (42,030 Nm)
Float Type	5R



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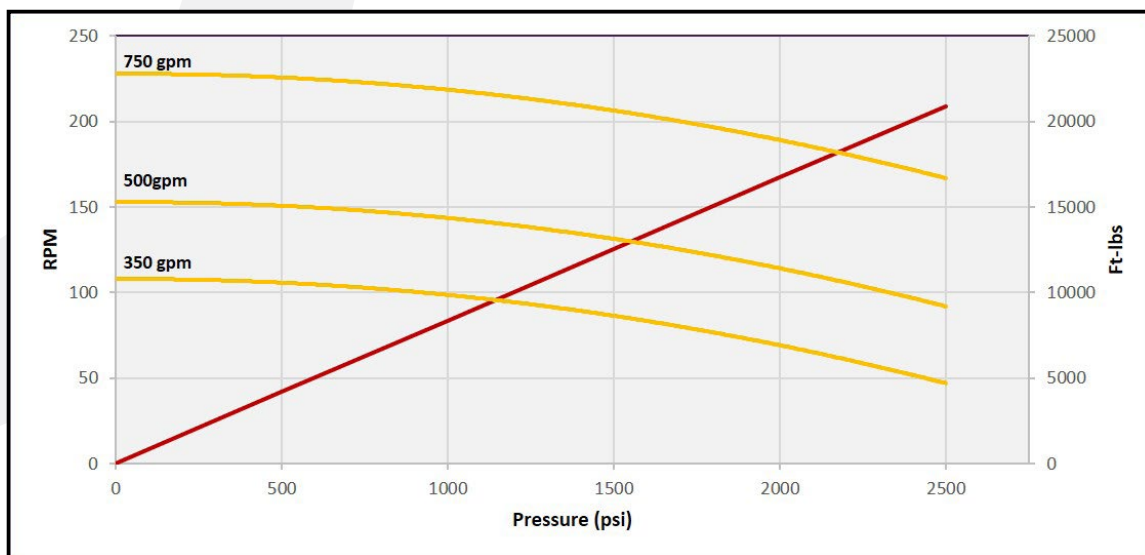
7-1/8" Mud Lube (B) 6/7 8.4

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	448" (11.38 m)
CAMScout / Turbo Scout Nominal Length	433" (10.99 m)
Weight	4,500 lbs (2041 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	350-750 gpm (1,325- 2,839 l/min)
Revolutions	0.30 rev/gal .079 rev/l
Max Differential Pressure	1980 psi (13,652 kPa)
Max Torque	16,550 ft-lbf (22,439 Nm)
Stall Differential Pressure	3,110 psi (21,443 kPa)
Stall Torque	26,060 ft-lbf (35,333 Nm)
Torque Slope	8.4 ft-lbs/psi (1.648 Nm/kPa)
Off-Bottom Pressure	160 psi (1,103 kPa)

Specifications	Tool Size - 7-1/8" (178 mm)
Hole Size	8-3/8" - 9-7/8" (203 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-3/4" (25 mm)
Maximum W.O.B. - Dynamic	58,000 lbf (25,800 daN)
Maximum W.O.B. - Static	164,000 lbf (72,951 daN)
Maximum Bit Overpull	202,000 lbf (89,854 daN)
Absolute Overpull	865,000 lbf (384,771 daN)
Bearing Section Torque Capacity	43,000 ft-lbf (58,300 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	69-1/4" (1,753 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	31,000 ft-lbf (42,030 Nm)
Float Type	5R



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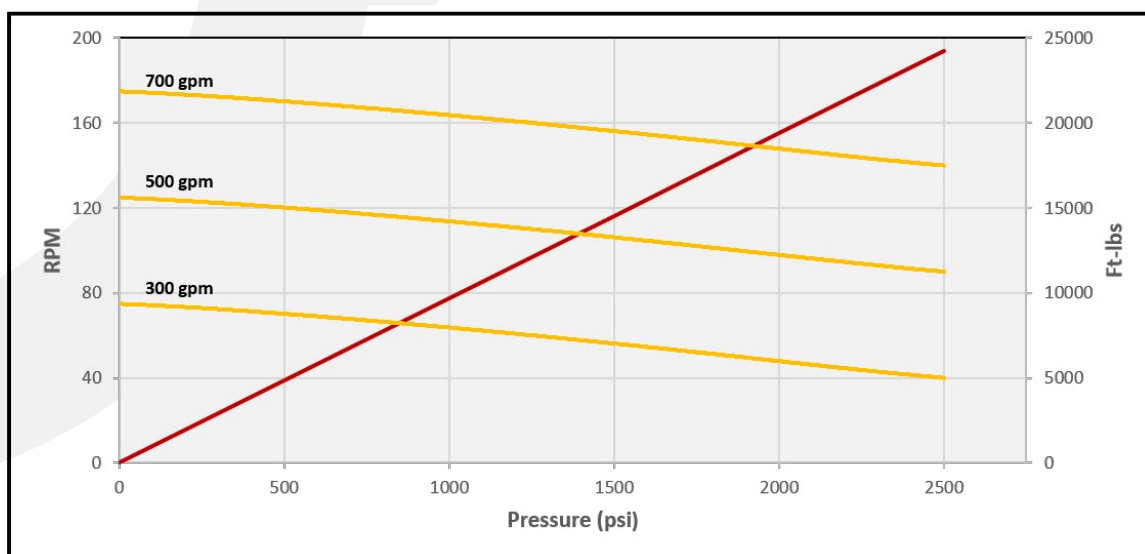
7-1/8" Mud Lube (B) 7/8 6.9

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) Nominal Length	448" (11.38 m)
CAMScout Nominal Length	433" (10.99 m)
Weight	4,500 lbs (2041 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	300-750 gpm (1,136- 2,839 l/min)
Revolutions	0.25 rev/gal 0.066 rev/l
Max Differential Pressure	1960 psi (13,514 kPa)
Max Torque	19,010 ft-lbf (25,774 Nm)
Stall Differential Pressure	2,940 psi (20,270 kPa)
Stall Torque	28,515 ft-lbf (38,661 Nm)
Torque Slope	9.7 ft-lbs/psi (1.907 Nm/kPa)
Off-Bottom Pressure	127 psi (876 kPa)

Specifications	Tool Size - 7-1/8" (178 mm)
Hole Size	8-3/8" - 9-7/8" (203 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-3/4" (25 mm)
Maximum W.O.B. - Dynamic	58,000 lbs (25,800 daN)
Maximum W.O.B. - Static	164,000 lbf (72,951 daN)
Maximum Bit Overpull	202,000 lbf (89,854 daN)
Absolute Overpull	865,000 lbf (384,771 daN)
Bearing Section Torque Capacity	43,000 ft-lbf (58,300 Nm)
Bit-to-Bend Fixed	48" (1,219 mm)
Bit-to-Bend Adjustable	69-1/4" (1,753 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	31,000 ft-lbf (42,030 Nm)
Float Type	5R



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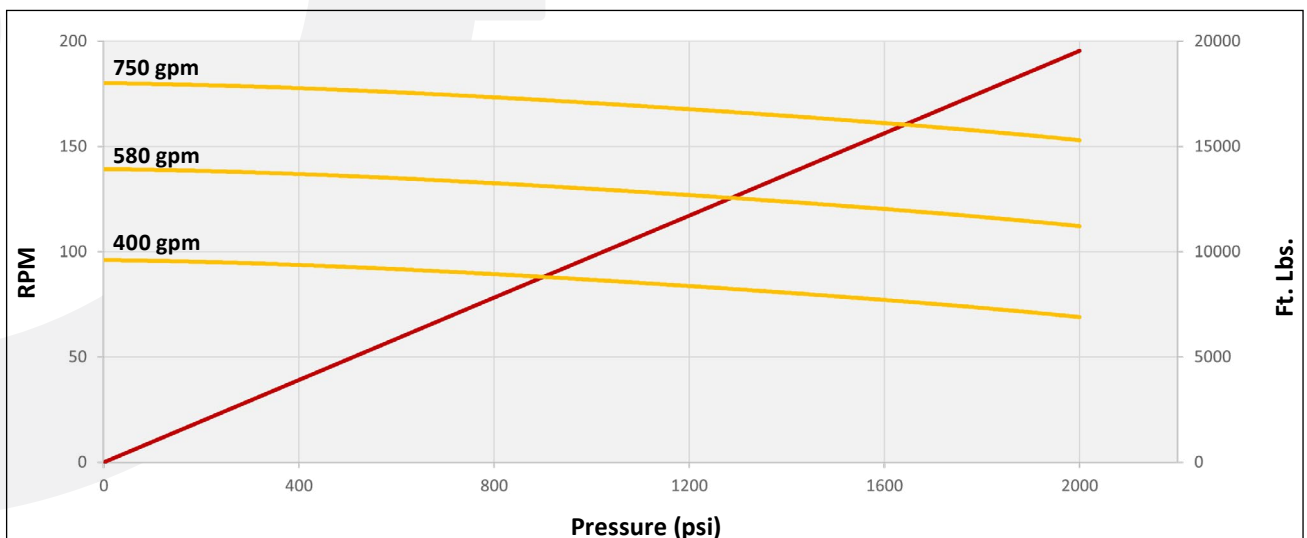
7-1/8" Mud Lube (B) 7/8 8.5

MOTOR SPECIFICATIONS



Physical Details	
Turbo Scout DS (Double Stabilized) Nominal Length	457" (11.60 m)
Turbo Scout Nominal Length	442" (11.22 m)
Weight	3,665 lbs (1,662 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	400-750 gpm (1,514- 2,839 l/min)
Revolutions	0.24 rev/gal 0.063 rev/l
Max Differential Pressure	2,000 psi (13,789 kPa)
Max Torque	19,540 ft-lbf (26,492 Nm)
Stall Differential Pressure	3,150 psi (21,719 kPa)
Stall Torque	30,770 ft-lbf (41,719 Nm)
Torque Slope	9.8 ft-lbs/psi (1.927 Nm/kPa)
Off-Bottom Pressure	200 psi (1,379 kPa)

Specifications	Tool Size - 7-1/8" (178 mm)
Hole Size	8-3/8" - 9-7/8" (203 mm - 229 mm)
Bit Box	4-1/2" REG
Mandrel Bore	1-1/2" (38 mm)
Maximum W.O.B. - Dynamic	58,000 lbf (25,800 daN)
Maximum W.O.B. - Static	164,000 lbf (72,951 daN)
Maximum Bit Overpull	202,000 lbf (89,854 daN)
Absolute Overpull	865,000 lbf (384,771 daN)
Bearing Section Torque Capacity	43,000 ft-lbf (58,300 Nm)
Bit to Bend Fixed	48" (1,219 mm)
Bit to Bend Adjustable	69-1/4" (1,753 mm)
U-Joint Torque Capacity	31,000 ft-lbf (42,030 Nm)
Float Type	5R



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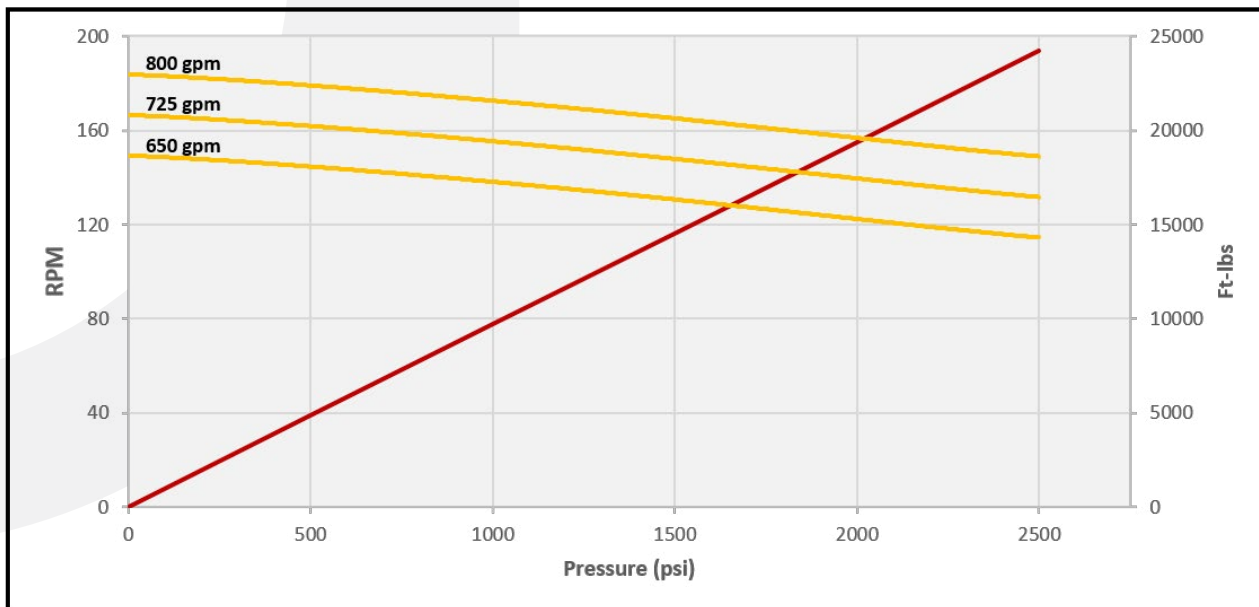
7 1/8" Mud Lube .23 RPG

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	494" (12.55 m)
CAMScout Nominal Length	479" (12.16 m)
Weight	6,000 lbs (2721 kg)
Performance Details	
Flow Range	500-800 gpm (1,892 - 3028 l/min)
Revolutions	0.23 rev/gal 0.061 rev/l
Max Differential Pressure	1950 psi (13,445 kPa)
Max Torque	18,915 ft-lbf (25,645 Nm)
Stall Differential Pressure	2,925 psi (20,167 kPa)
Stall Torque	28,373 ft-lbf (38,469 Nm)
Torque Slope	9.7 ft-lbs/psi (1.907 Nm/kPa)
Off-Bottom Pressure	127 psi (876 kPa)

Specifications	Tool Size - 7-1/8" (181 mm)
Hole Size	8-1/2" - 10-5/8" (216 mm - 254mm)
Bit Box	6-5/8" REG
Mandrel Bore	1-3/4" (38 mm)
Maximum W.O.B. - Dynamic	58,000 lbf (25,800 daN)
Maximum W.O.B. - Static	164,000 lbf (72,951 daN)
Maximum Bit Overpull	202,000 lbf (89,854 daN)
Absolute Overpull	865,000 lbf (384,771 daN)
Bearing Section Torque Capacity	43,000 ft-lbf (58,300 Nm)
Bit-to-Bend Fixed	52" (1,321 mm)
Bit-to-Bend Adjustable	73-1/4" (2,159 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	40,000 ft-lbf (54,233 Nm)
Float Type	5R



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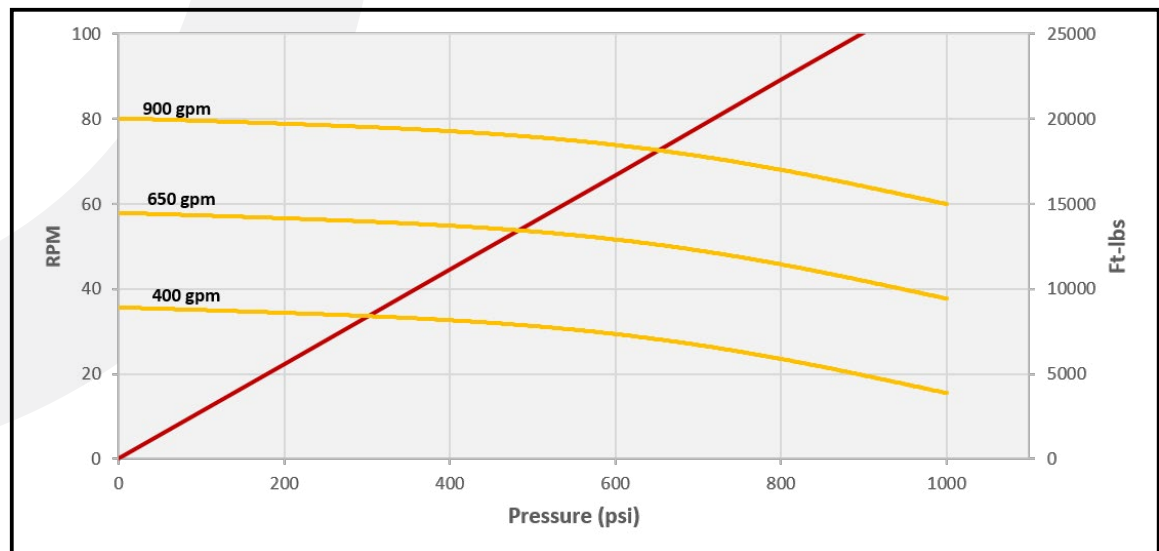
8" Mud Lube (B) 7/8 3.4

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) CAMScout Nominal Length	510.38" (12.96 m)
Weight	6,443 lbs (2,922 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	400-900 gpm (1,514- 3,407 l/min)
Revolutions	0.089 rev/gal 0.024 rev/l
Max Differential Pressure	770 psi (5,309 kPa)
Max Torque	21,450 ft-lbf (29,082 Nm)
Stall Differential Pressure	1,150 psi (7,929 kPa)
Stall Torque	32,180 ft-lbf (43,630 Nm)
Torque Slope	28.04 ft-lbs/psi (5.514 Nm/kPa)
Off-Bottom Pressure	200 psi (1,379 kPa)

Specifications	Tool Size - 8" (203 mm)
Hole Size	9-7/8" - 12-1/4" (229 mm - 305 mm)
Bit Box	6-5/8" REG
Mandrel Bore	2" (51 mm)
Maximum W.O.B. - Dynamic	81,000 lbf (36,031 daN)
Maximum W.O.B. - Static	228,000 lbf (101,420 daN)
Maximum Bit Overpull	282,000 lbf (125,440 daN)
Absolute Overpull	1,206,000 lbf (536,457 daN)
Bearing Section Torque Capacity	55,000 ft-lbf (74,570 Nm)
Bit-to-Bend Fixed	65" (1,651 mm)
Bit-to-Bend Adjustable	88" (2,235 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	40,000 ft-lbf (54,233 Nm)
Float Type	5F - 6R



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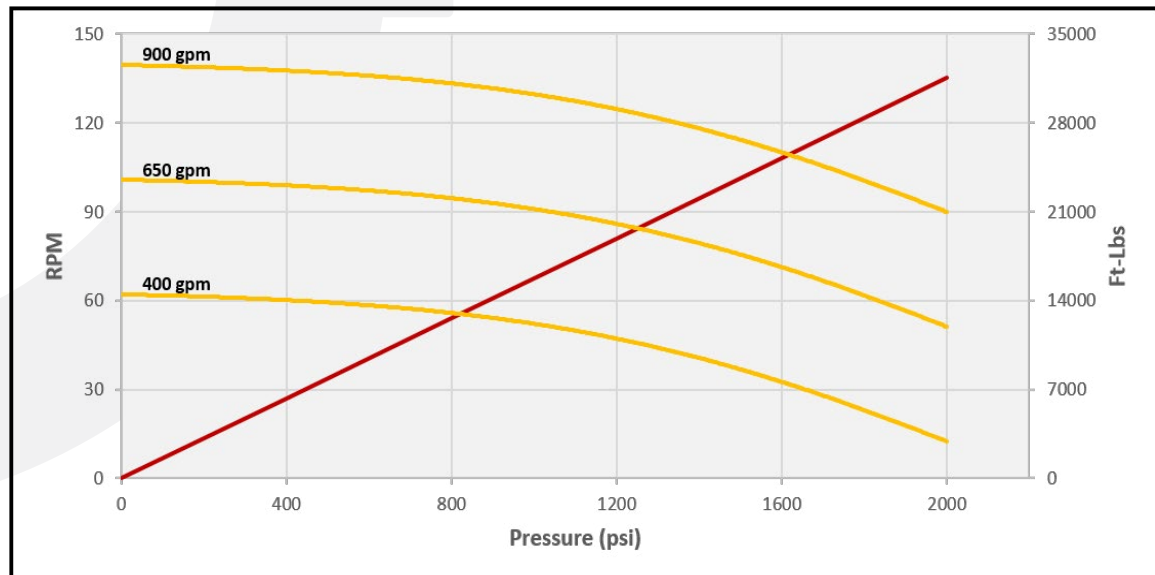
8" Mud Lube (B) 7/8 4.0

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) CAMScout Nominal Length	413.63" (10.50 m)
Weight	4,493 lbs (2,038 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	400-900 gpm (1,514- 3,407 l/min)
Revolutions	0.155 rev/gal (0.041 rev/l)
Max Differential Pressure	940 psi (6,481 kPa)
Max Torque	14,830 ft-lbf (20,107 Nm)
Stall Differential Pressure	1490 psi (10,273 kPa)
Stall Torque	23,500 ft-lbf (31,658 Nm)
Torque Slope	15.7 ft-lbs/psi (3.087 Nm/kPa)
Off-Bottom Pressure	150 psi (1,039kPa)

Specifications	Tool Size - 8" (203 mm)
Hole Size	9-7/8" - 12-1/4" (229 mm - 305 mm)
Bit Box	6-5/8" REG
Mandrel Bore	2" (51 mm)
Maximum W.O.B. - Dynamic	81,000 lbf (36,031 daN)
Maximum W.O.B. - Static	228,000 lbf (101,419 daN)
Maximum Bit Overpull	282,000 lbf (125,440 daN)
Absolute Overpull	1,206,000 lbf (536,456 daN)
Bearing Section Torque Capacity	55,000 ft-lbf (74,570 Nm)
Bit-to-Bend Fixed	65" (1,651 mm)
Bit-to-Bend Adjustable	88" (2,235 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	40,000 ft-lbf (54,233 Nm)
Float Type	5F - 6R



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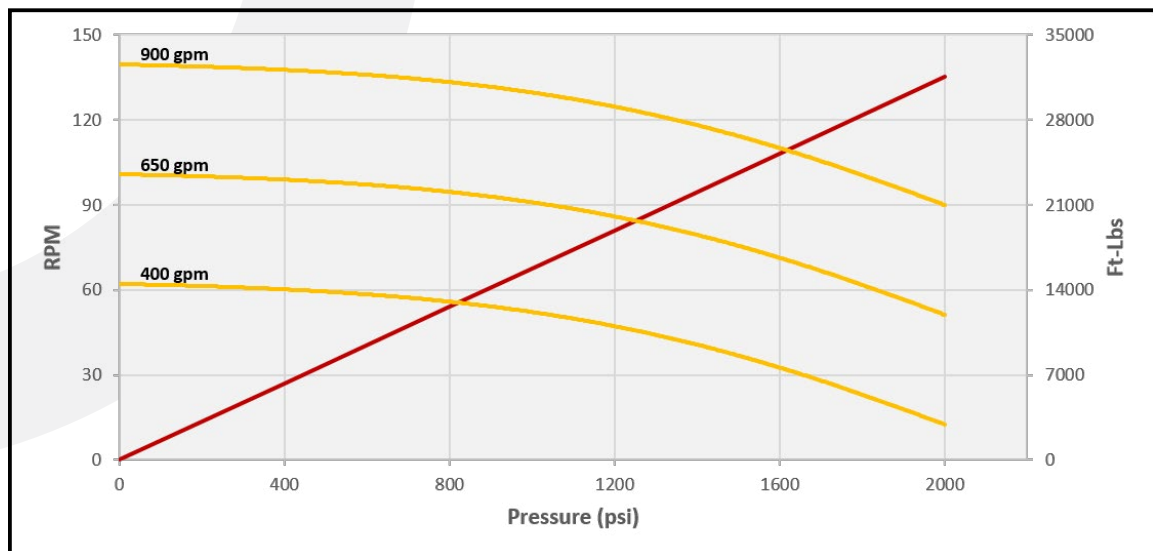
8" Mud Lube (B) 7/8 5.9

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) CamScout Nominal Length	482" (12.24 m)
Weight	6,500 lbs (2948 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	400-900 gpm (1,514- 3,407 l/min)
Revolutions	0.155 rev/gal (0.041 rev/l)
Max Differential Pressure	1390 psi (9,584 kPa)
Max Torque	21,870 ft-lbf (29,652 Nm)
Stall Differential Pressure	2,190 psi (15,100 kPa)
Stall Torque	34,440 ft-lbf (46,694 Nm)
Torque Slope	15.7 ft-lbs/psi (3.087 Nm/kPa)
Off-Bottom Pressure	184 psi (1,269 kPa)

Specifications	Tool Size - 8" (203 mm)
Hole Size	9-7/8" - 12-1/4" (229 mm - 305 mm)
Bit Box	6-5/8" REG
Mandrel Bore	2" (51 mm)
Maximum W.O.B. - Dynamic	86,000 lbf (38,255 daN)
Maximum W.O.B. - Static	240,000 lbf (106,757 daN)
Maximum Bit Overpull	396,000 lbf (176,150 daN)
Absolute Overpull	990,000 lbf (440,374 daN)
Bearing Section Torque Capacity	55,000 ft-lbf (74,570 Nm)
Bit-to-Bend Fixed	47" (1,194 mm)
Bit-to-Bend Adjustable	70" (1,778 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	40,000 ft-lbf (54,233 Nm)
Float Type	5F - 6R



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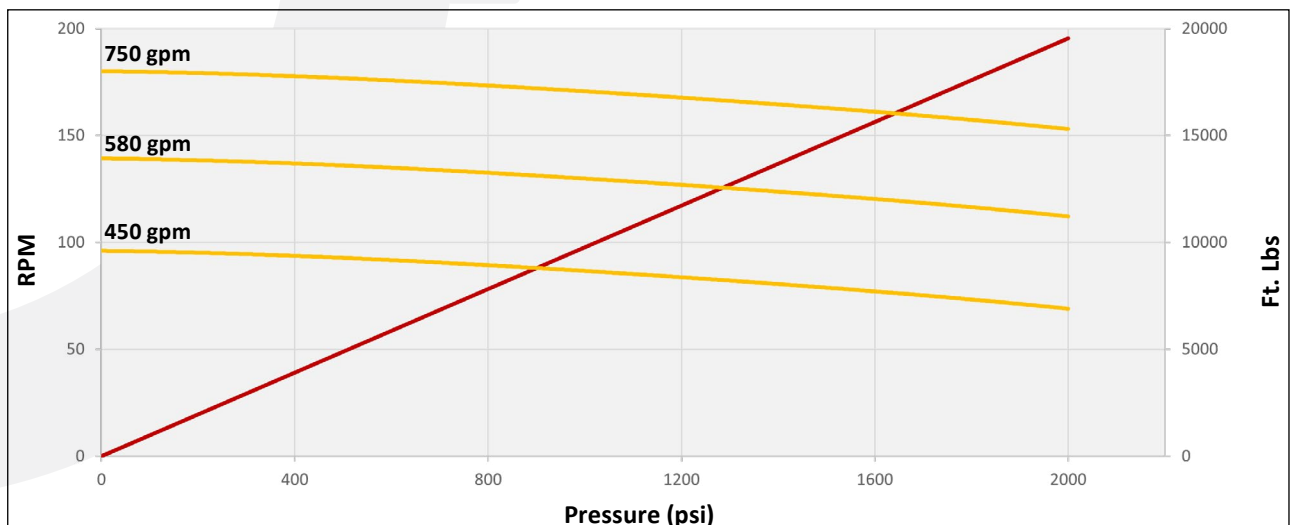
8" Mud Lube (B) 7/8 8.5

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	517" (13.13 m)
CAM Scout Nominal Length	502" (12.75 m)
Weight	4,530 lbs (2,056 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	400-750 gpm (1,514- 2,839 l/min)
Revolutions	0.24 rev/gal 0.063 rev/l
Max Differential Pressure	2,000 psi (12,790 kPa)
Max Torque	19,540 ft-lbf (26,493 Nm)
Stall Differential Pressure	3,150 psi (21,718 kPa)
Stall Torque	30,770 ft-lbf (41,719 Nm)
Torque Slope	9.8 ft-lbs/psi (1.927 Nm/kPa)
Off-Bottom Pressure	200 psi (1,379 kPa)

Specifications	Tool Size - 8" (203 mm)
Hole Size	9-7/8" - 12-1/4" (229 mm - 305 mm)
Bit Box	6-5/8" REG
Mandrel Bore	2" (51 mm)
Maximum W.O.B. - Dynamic	81,000 lbf (36,031 daN)
Maximum W.O.B. - Static	228,000 lbf (101,419 daN)
Maximum Bit Overpull	282,000 lbf (125,440 daN)
Absolute Overpull	1,206,000 lbf (536,456 daN)
Bearing Section Torque Capacity	55,000 ft-lbf (74,570 Nm)
Bit to Bend Fixed	65" (1,651 mm)
Bit to Bend Adjustable	88" (2,235 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	40,000 ft-lbf (54,233 Nm)
Float Type	5F - 6R



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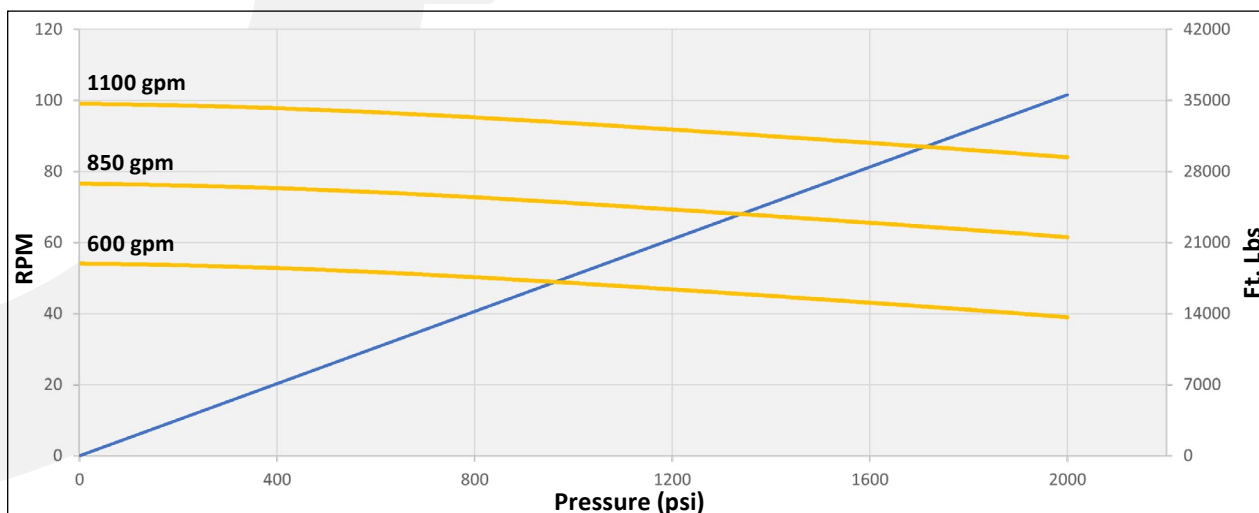
8" Mud Lube (B) 8/9 4.0

MOTOR SPECIFICATIONS



Physical Details	
CAMScout DS (Double Stabilized) Nominal Length	517" (13.13 m)
CAMScout Nominal Length	502" (12.75 m)
Weight	4,530 lbs (2,056 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	600-1100 gpm (2,271- 4,164 l/min)
Revolutions	0.09 rev/gal 0.024 rev/l
Max Differential Pressure	1,158 psi (7,984 kPa)
Max Torque	32,935 ft-lbf (44,654 Nm)
Stall Differential Pressure	1,737 psi (11,976 kPa)
Stall Torque	49,402 ft-lbf (66,980 Nm)
Torque Slope	9.8 ft-lbs/psi (1.927 Nm/kPa)
Off-Bottom Pressure	332 psi (2,289 kPa)

Specifications	Tool Size - 8" (203 mm)
Hole Size	9-7/8" - 12-1/4" (229 mm - 305 mm)
Bit Box	6-5/8" REG
Mandrel Bore	2" (51 mm)
Maximum W.O.B. - Dynamic	81,000 lbf (36,031 daN)
Maximum W.O.B. - Static	228,000 lbf (101,419 daN)
Maximum Bit Overpull	282,000 lbf (125,440 daN)
Absolute Overpull	1,206,000 lbf (536,456 daN)
Bearing Section Torque Capacity	55,000 ft-lbf (74,570 Nm)
Bit to Bend Fixed	65" (1,651 mm)
Bit to Bend Adjustable	88" (2,235 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	40,000 ft-lbf (54,233 Nm)
Float Type	5F - 6R



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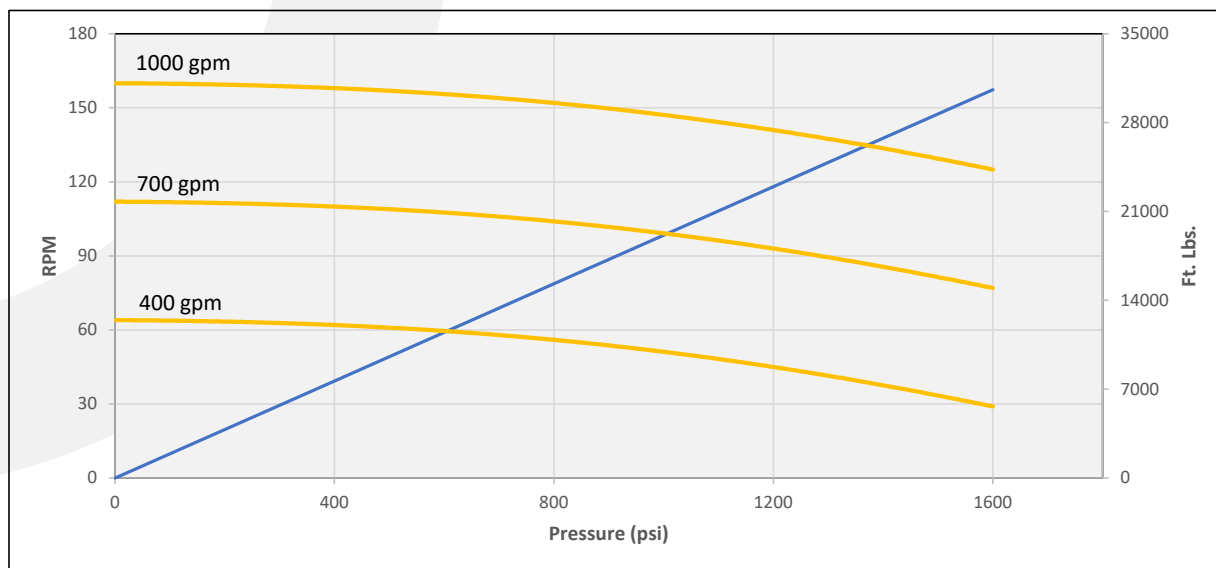
8-1/4" Mud Lube (B) 7/8 7.0

MOTOR SPECIFICATIONS



Physical Details	
CAMScout (Double Stabilized) CAMScout Nominal Length	506.38" (12.6 m)
Weight	6,535 lbs (2,964 kg)
Performance Details	
Bit Speed (No load rpm)	
Flow Range	400-1000 gpm (1,514 - 3,785 l/min)
Revolutions	0.160 rev/gal 0.042 rev/l
Max Differential Pressure	1650 psi (11,376 kPa)
Max Torque	25,210 ft-lbf (34,180 Nm)
Stall Differential Pressure	2,600 psi (17,926 kPa)
Stall Torque	39,700 ft-lbf (53,825 Nm)
Torque Slope	15.3 ft-lbs/psi (3,009 Nm/kPa)
Off-Bottom Pressure	180 psi (1,241 kPa)

Specifications	Tool Size - 8-1/4" (210 mm)
Hole Size	9-7/8" - 12-1/4" (229 mm - 305 mm)
Bit Box	6-5/8" REG
Mandrel Bore	2" (51 mm)
Maximum W.O.B. - Dynamic	81,000 lbf (36,031 daN)
Maximum W.O.B. - Static	228,000 lbf (101,419 daN)
Maximum Bit Overpull	282,000 lbf (125,440 daN)
Absolute Overpull	1,206,000 lbf (536,456 daN)
Bearing Section Torque Capacity	55,000 ft-lbf (74,570 Nm)
Bit-to-Bend Fixed	65" (1,651 mm)
Bit-to-Bend Adjustable	88" (2,235 mm)
CAMScout Bit-to-Bend	See Sales Representative
U-Joint Torque Capacity	40,000 ft-lbf (54,233 Nm)
Float Type	5F - 6R



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