

Plunger Lift Selection Guide



FlowcoTM
Production Solutions

*Built to Optimize*SM

BYPASS PLUNGER SELECTION GUIDE

2-3/8

Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Static Fall Rate
5 Slot	750-1200	50-325	2500 Ft/Min+
4 Slot X-Wide	650-1000	20-150	2300 Ft/Min+
4 Slot Regular	500-900	15-80	2100 Ft/Min+
3 Slot	350-800	10-50	1900 Ft/Min+
2 Slot Wide	250-750	5-50	1800 Ft/Min+
2 Slot Regular	250-600	1-40	1700 Ft/Min+
2 Slot Medium	200-500	1-25	1500 Ft/Min+
2 Slot Small	150-300	1-25	1100/Ft/Min+

2-7/8

Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Static Fall Rate
HyperFlow	800-2000	75-800	3200 Ft/Min+
5 Slot	750-1800	50-700	2800 Ft/Min+
4 Slot X-Wide	650-1600	20-300	2650 Ft/Min+
4 Slot Regular	500-1400	15-80	2400 Ft/Min+
3 Slot	350-950	10-50	2100 Ft/Min+
2 Slot Wide	250-750	5-50	1800 Ft/Min+
2 Slot Regular	250-600	1-40	1700 Ft/Min+

2-3/8

Ball
and
Sleeve

Plunger Type	Ball Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)
6" Sleeve	SS Ball/Z-Ball	250-400	1-25
9" Sleeve	SS Ball/Cobalt/Tungsten	350-750	10-100
12" Sleeve	SS Ball/Cobalt/Tungsten/ Heavy Tungsten	700-1200	50-150
18" Sleeve	Cobalt/Tungsten/ Heavy Tungsten	800-1200	125-325

2-7/8

Ball
and
Sleeve

Plunger Type	Ball Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)
6" Sleeve	SS Ball/Z-Ball	275-450	1-25
9" Sleeve	SS Ball/Cobalt/Tungsten	350-900	10-100
12" Sleeve	SS Ball/Cobalt/Tungsten/ Heavy Tungsten	800-1500	50-150
18" Sleeve	Cobalt/Tungsten/ Heavy Tungsten	950-1800	125-700

SLIDING SLEEVE PLUNGER SELECTION GUIDE

2-3/8

Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Static Fall Rate	Weight/ LBS	Length /IN	O.D. Options
8 Port (Tommy Gun)	150 - 1000	20 - 75	2000 Ft/Min+	6 lbs.	16"	1.90 and 1.877
5 Slot Sliding Sleeve	150 - 1000	20 - 75	1800 Ft/Min+	6 lbs.	16"	1.90 and 1.878
4 Slot Sliding Sleeve	150 - 750	20 - 60	1500 Ft/Min+	6 lbs	16"	1.90 and 1.879
3 Slot Sliding Sleeve	150 - 650	20 - 45	1200 Ft/Min+	6 lbs.	16"	1.90 and 1.880
2 Slot Sliding Sleeve	150 - 500	10 - 30	900 Ft/Min+	6 lbs.	16"	1.90 and 1.881

2-7/8

Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Static Fall Rate	Weight/ LBS	Length /IN	O.D. Options
8 Port (Tommy Gun)	150 - 1200	20 - 80	2200 Ft/Min+	10 lbs.	16.5	2.340 and 2.320
5 Slot Sliding Sleeve	150 - 1100	20 - 80	1950 Ft/Min+	10 lbs.	16.5	2.340 and 2.320
4 Slot Sliding Sleeve	150 - 850	20 - 70	1600 Ft/Min+	10 lbs.	16.5	2.340 and 2.320
3 Slot Sliding Sleeve	150 - 750	20 - 55	1300 Ft/Min+	10 lbs.	16.5	2.340 and 2.320
2 Slot Sliding Sleeve	150 - 600	10 - 40	1000 Ft/Min+	10 lbs.	16.5	2.340 and 2.320

	Weight/LBS	Length/IN	O.D. Options
	9	19.5	1.900, 1.885
	9	19.5	1.900, 1.885
	9	19.5	1.900, 1.885
	9	19.5	1.900, 1.885
	9	19.5	1.900, 1.885
	9	19.5	1.900, 1.885
	9	19.5	1.900, 1.885
	9	19.5	1.900, 1.885

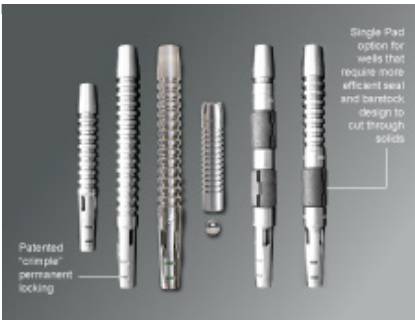
	Weight/LBS	Length/IN	O.D. Options
	12	19.5	2.340, 2.320
	12	19.5	2.340, 2.320
	12	19.5	2.340, 2.320
	12	19.5	2.340, 2.320
	12	19.5	2.340, 2.320
	12	19.5	2.340, 2.320
	12	19.5	2.340, 2.320
	12	19.5	2.340, 2.320

k.)	Static Fall Rate	Weight/LBS	Length/IN	O.D. Options
	2000 Ft/Min+	3	6.0	1.900, 1.885
	2500 Ft/Min+	4	9.0	1.900, 1.885
	2800 Ft/Min+	5	12.0	1.900, 1.885
	3000 Ft/Min+	7	18.0	1.900, 1.885

x.)	Static Fall Rate	Weight/LBS	Length/IN	O.D. Options
	2300 Ft/Min+	4	6.0	2.340, 2.320
	2700 Ft/Min+	6	9.0	2.340, 2.320
	3000 Ft/Min+	8	12.0	2.340, 2.320
	3200 Ft/Min+	12	18.0	2.340, 2.320

For questions, service, or to request a well analysis, call us at **281.528.6298**, send an email to **info@flowcosolutions.com**, or fill out a design request securely online at: **www.flowcosolutions.com**.

A local service expert will respond to your questions and provide timely assistance.



BYPASS PLUNGERS

High-Efficiency and Continuous-Flow

SLIDING SLEEVE PLUNGERS

No Shifting Mechanism nor Extra Springs



FAST FALL PLUNGER SELECTION GUIDE

2-3/8

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Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Static Fall Rate	Weight/LBS	Length /IN	O.D. Options
SRF BYPASS BAR STOCK	150-500	1-75	1000 Ft/Min+	8	16	1.900, 1.885
2 Port 12" BAR STOCK	175-350	1-50	450 Ft/Min+	5	12	1.900, 1.885
2 Port 16" BAR STOCK	175-350	1-50	500 Ft/Min+	9	16	1.900, 1.885
4 Port 12" BAR STOCK	350-500	1-75	550 Ft/Min+	5	12	1.900, 1.885
4 Port 16" BAR STOCK	350-500	1-75	600 Ft/Min+	9	16	1.900, 1.885
2 Port Single Pad	150-300	1-30	350 Ft/Min+	6	10	2.030, 1.850*
2 Port Dual Pad	150-300	1-40	300 Ft/Min+	9	14	2.030, 1.850*

*PADS EXPANDED AND COLLAPSED O.D. (will vary .010-.015)

Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Static Fall Rate	Weight/LBS	Length /IN	O.D. Options
SRF BYPASS BAR STOCK	150-500	1-75	1000 Ft/Min+	11	16	2.340, 2.320
2 Port 12" BAR STOCK	175-350	1-50	550 Ft/Min+	10	14	2.340, 2.320
2 Port 16" BAR STOCK	175-350	1-50	600 Ft/Min+	12	16	2.340, 2.320
4 Port 12" BAR STOCK	350-500	1-75	600 Ft/Min+	10	14	2.340, 2.320
4 Port 16" BAR STOCK	350-500	1-75	650 Ft/Min+	12	16	2.340, 2.320
2 Port Single Pad	150-300	1-30	375 Ft/Min+	9	12	2.470-2.315*
2 Port Dual Pad	150-300	1-40	350 Ft/Min+	14	17	2.470-2.315*

*PADS EXPANDED AND COLLAPSED O.D. (will vary .010-.015)

CONVENTIONAL PLUNGER SELECTION GUIDE

2-3/8

2-7/8

Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Weight/LBS	Length /IN	O.D. Options
12" BAR STOCK, HOLLOW	50-300	1-25	6	12	1.900, 1.885
16" BAR STOCK, HOLLOW	50-300	1-35	9	16	1.900, 1.885
12" BAR STOCK, SOLID	50-300	1-25	8	12	1.900, 1.885
16" BAR STOCK, SOLID	50-300	1-35	10	16	1.900, 1.885
Single Pad	20-250	1-20	6	10	2.030-1.850*
Dual Pad	20-250	1-25	9	14	2.030, 1.850*
Triple Pad	20-250	1-25	13	18	2.030, 1.850*
Brush	20-200	1-20	9	19	1.935

Plunger Type	MCF/Day (Min./Max.)	BBLS/Day (Min./Max.)	Weight/LBS	Length /IN	O.D. Options
12" BAR STOCK, HOLLOW	50-300	1-25	10	14	2.340, 2.320
16" BAR STOCK, HOLLOW	50-300	1-35	12	16	2.340, 2.320
12" BAR STOCK, SOLID	50-300	1-20	11	14	2.340, 2.320
16" BAR STOCK, SOLID	50-300	1-30	14	16	2.340, 2.320
Single Pad	20-250	1-25	9	12	2.470-2.315*
Dual Pad	20-250	1-25	11	17	2.470-2.315*
Brush	20-200	1-20	14	18.5	2.365

*PADS EXPANDED AND COLLAPSED O.D.

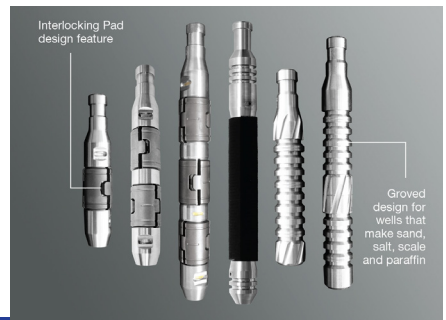


FAST FALL PLUNGERS

Fall Quick and Controlled

CONVENTIONAL PLUNGERS

Tough, Durable, and Dependable





Flowco
Pressure Sensor

Designed, Engineered
and Manufactured
by Flowco in the U.S.A.



Flowco Production Solutions is one of the premier artificial-lift companies in North America and Canada with service centers and regional expertise in most major basins. We manufacture our own tools to exacting industry standards right here in the USA. Our service and our product quality set us apart from our competition. Let us earn your business.

Map of Flowco locations:



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To see a list and location of our field offices, manufacturing centers, and regional service centers, scan the QR code above.