



APE SERVICE BULLETIN

DEEP FOUNDATION SOLUTIONS

VIBRATORY HAMMER • POWER UNIT • AUGER SYSTEMS • DIESEL & HYDRAULIC HAMMERS
 • DRILL RIGS • HYDRAULIC PILING RIGS • WICK DRAIN INSTALLERS • LEAD SYSTEMS

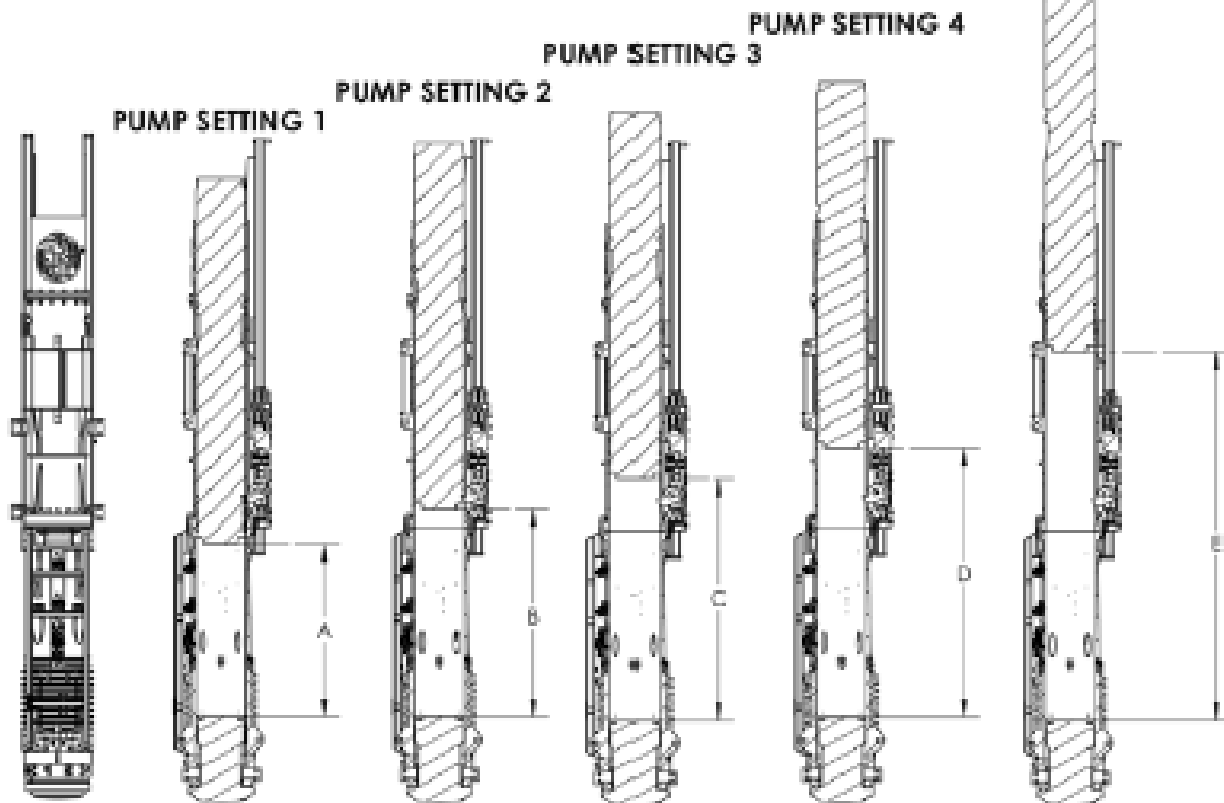


Diesel Hammer Pump Settings #42

Diesel Hammer Strokes, There are 4 pump settings. See chart below for pump settings to stroke range

MODEL	PUMP SETTING 1 "A"	PUMP SETTING 2 "B"	PUMP SETTING 3 "C"	PUMP SETTING 4 "D"
D6	5'-4.32"	6'-3.24"	7'-10.56"	9'-6.00"
D8	5'-4.32"	5'-10.20"	8'-9.72"	10'-7.32"
D12	5'-3.84"	6'-11.76"	8'-9.24"	10'-6.84"
D19	5'-4.32"	6'-11.88"	8'-9.48"	10'-7.08"
D25	5'-4.2"	7'-0.75"	9'-6.24"	10'-6.96"
D30	5'-4.2"	7'-9.72"	9'-6.12"	10'-6.84"
D36	5'-4.1"	6'-11.76"	8'-9.36"	10'-6.96"
D46	5'-4.32"	6'-11.76"	8'-9.36"	10'-6.96"
D62	5'-9.48"	7'-10.32"	9'-9.72"	11'-9.84"
D80	7'-1.80"	8'-3.36"	10'-0.84"	11'-2.16"
D100	7'-1.75"	8'-7.56"	10'-0.24"	11'-2.04"
D125	7'-1.80"	8'-4.56"	9'-9.36"	11'-2.16"
D138	7'-1.80"	8'-7.32"	9'-11.40"	11'-2.04"
D160	6'-10.20"	8'-5.88"	9'-3.36"	11'-2.16"
D180	6'-10.08"	8'-7.32"	9'-11.40"	11'-2.16"

STROKE TO CATCH RING



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Diesel Hammer Pump Settings #42

Diesel Hammer Strokes, There are 4 pump settings. See chart below for pump settings to stroke range

D8-42	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	49%	12.9	9,480
PUMP SETTING 2	66%	16.9	10,350
PUMP SETTING 3	83%	21.1	15,570
PUMP SETTING 4	100%	25.4	18,760

D12-42	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	50%	20.5	15,000
PUMP SETTING 2	66%	27.7	19,690
PUMP SETTING 3	83%	33.6	24,760
PUMP SETTING 4	100%	40.5	29,840

D19-42	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	50%	29.2	21,510
PUMP SETTING 2	66%	38.0	28,035
PUMP SETTING 3	83%	47.8	35,260
PUMP SETTING 4	100%	57.6	42,480

D25-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	50%	40.0	29,510
PUMP SETTING 2	74%	58.5	38,830
PUMP SETTING 3	90%	71.1	52,470
PUMP SETTING 4	100%	79.0	58,300

D30-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	50%	47.9	35,400
PUMP SETTING 2	74%	70.0	51,630
PUMP SETTING 3	90%	85.4	62,920
PUMP SETTING 4	100%	94.8	69,923

D36-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	49%	57.6	42,500
PUMP SETTING 2	66%	70.0	55,410
PUMP SETTING 3	83%	85.4	69,680
PUMP SETTING 4	100%	94.8	83,950

D46-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	49%	73.7	54,320
PUMP SETTING 2	66%	96.0	70,805
PUMP SETTING 3	83%	120.7	89,040
PUMP SETTING 4	100%	145.5	107,280

D62-22	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	50%	107.4	79,200
PUMP SETTING 2	66%	145.7	107,490
PUMP SETTING 3	83%	181.9	134,160
PUMP SETTING 4	100%	219.2	161,640

D80-23	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	64%	171.1	126,180
PUMP SETTING 2	74%	196.7	145,100
PUMP SETTING 3	89%	239.8	176,840
PUMP SETTING 4	100%	267.3	197,150

D100-13	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	64%	213.8	157,685
PUMP SETTING 2	77%	257.9	190,210
PUMP SETTING 3	89%	299.7	221,010
PUMP SETTING 4	100%	334.1	246,390

D125-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	64%	267.3	197,150
PUMP SETTING 2	75%	313.2	231,020
PUMP SETTING 3	83%	346.6	255,660
PUMP SETTING 4	100%	417.6	308,025

D138-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	64%	274.8	217,600
PUMP SETTING 2	77%	354.9	261,800
PUMP SETTING 3	89%	410.3	302,600
PUMP SETTING 4	100%	460.9	340,000

D160-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	61%	327.4	241,470
PUMP SETTING 2	76%	406.3	299,630
PUMP SETTING 3	83%	443.6	327,230
PUMP SETTING 4	100%	534.5	394,250

D180-32	FUEL PERCENTAGE	KNM	FT.LBS
PUMP SETTING 1	61%	368.3	271,640
PUMP SETTING 2	77%	463.0	341,500
PUMP SETTING 3	89%	535.2	394,700
PUMP SETTING 4	100%	601.3	443,500



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