

## Model G8T-120 W/Diesel Engine Rotary Gear Pump Unit

### Pump Unit Include:

- Model G8T-120 Rotary gear pump FM Approved.
- CLARKE Brand Diesel Engine UL listed and FM Approved.
- High Flexible Coupling.
- Diesel Engine Accessories: 24V DC Battery, Exhaust Connector, Muffler.
- Carbon Steel Coupling Guard RAL3000(standard) or other color on request.
- Carbon Steel Base Plate, RAL3000(standard) or other color on request.

### Technical Data:

Max. Discharge Pressure: 20bar  
 Speed: 1450RPM  
 Connection Dia: DN100(114.3mm O.D)  
 Connection Type: Groove, Flange, Thread  
 Voltage: 220V/50HZ  
 Oil Tank: On Request

### Performance

Speed	G8T-120	
1800rpm	Flow Rate (Water)	Power
Pressure	L/min	Kw
5.0	1063.7	22.00
5.5	1058.2	22.98
6.0	1052.9	23.95
6.5	1047.8	24.93
7.0	1042.8	25.92
7.5	1037.9	26.91
8.0	1033.3	27.90
8.5	1028.9	28.91
9.0	1024.7	29.93
9.5	1020.8	30.96
10.0	1017.1	32.00
10.5	1013.6	33.06
11.0	1010.4	34.13
11.5	1007.5	35.21
12.0	1004.8	36.30
12.5	1002.2	37.41
13.0	999.9	38.52
13.5	997.7	39.63
14.0	995.6	40.75
14.5	993.6	41.88
15.0	991.8	43.00
15.5	990.0	44.12
16.0	988.3	45.25
16.5	986.6	46.37
17.0	985.0	47.48
17.5	983.4	48.59
18.0	981.7	49.70
18.5	980.0	50.79
19.0	978.3	51.87
19.5	976.4	52.94
20.0	974.5	54.00

Speed	G8T-120	
1800rpm	Flow Rate (Foam)	Power
Pressure	L/min	Kw
5.0	869.1	29.00
5.5	865.0	29.98
6.0	860.8	30.96
6.5	856.7	31.95
7.0	852.7	32.95
7.5	848.9	33.95
8.0	845.2	34.96
8.5	841.7	35.97
9.0	838.5	36.98
9.5	835.7	37.99
10.0	833.2	39.00
10.5	831.2	40.01
11.0	829.5	41.01
11.5	828.1	42.01
12.0	827.0	43.02
12.5	826.0	44.02
13.0	825.2	45.01
13.5	824.5	46.01
14.0	823.8	47.01
14.5	823.0	48.00
15.0	822.1	49.00
15.5	821.1	50.00
16.0	819.9	50.99
16.5	818.4	51.99
17.0	816.5	52.99
17.5	814.2	53.98
18.0	811.5	54.98
18.5	808.3	55.99
19.0	804.5	56.99
19.5	800.1	57.99
20.0	794.9	59.00

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### Dimensions

