

F-1600Mud Pump



Dirección: Calle 94A # 11A-66 Oficina 101, Bogotá - Colombia
Teléfono: (57-1)5200634 / 3173674843
[www. Sepinternacional.com](http://www.Sepinternacional.com)



F series mud pump offered by SEP is tough and field-proven is specifically equipped to meet almost any customer requirement. This is backed by our warranty and field support program. And the **SEP F-1600** pump is one of the most acceptable and developed mud pump.

SEP F-1600 mud pump is a kind of F series, triplex single-acting piston mud pump. **SEP-1600** mud pump is made of high quality material, according to API 7 K specifications.

Specification

..	Rated input power	1600HP (1193 KW)
..	Rated Stroke	120 SPM
..	Max. liner Dia.	7" (177.8 mm)
..	Rated Stroke distance	12" (3 0 4 . 8 mm)
..	Gear Ratio:	4.206:1
..	Suction pipe size:	12" (304.8 mm), Flanged
..	Discharge pipe size:	API 5 1/8" (130mm) Flanged, 5000psi
..	Valve chamber size:	API 7"
..	Lubrication:	Forced and splash
..	Discharge flow and pressure:	please reference table 1 and table 2

Table 1: Pressure parameter for mud pump **SEP F- 1300**

Diameter of Liner	7"	6 3/4"	6 1/2"	6"	5 1/2"	5"
Rated pressure (Mpa-psi)	3430 psi 23.6MPa	3690 psi 25.4 MPa	3978 psi 27.4 MPa	4668 psi 32.2 MPa	5000 psi 34.5 MPa	5000 psi 34.5 MPa

Table 2: Discharge parameter for mud pump **SEP F- 1300**

Stroke (spm)	Rated Power		Discharge Capacity GPM					
	Kw	HP	7 "	6 3/4"	6 1/2"	6"	5 1/2'	5"
130	1293	1734	780	725	672	573	481	398
120*	1193*	1600*	720	669	621	529	444	367
110	1094	1467	660	613	569	485	407	337
100	995	1334	600	558	517	441	370	306
90	895	1200	540	502	465	397	333	275
80	796	1067	480	446	414	353	296	245
70	696	933	420	390	362	308	259	214
1			6.00	5.58	5.17	4.41	3.07	3.06

Notes:

1. Calculated as per volumetric efficiency (100%) and mechanical efficiency (90%).
 2. shows rated stroke numbers while operating.
- * shows rated stroke numbers while operating



Equipment scope

- .. Mud pump with a liner
- .. Damper and safety valve
- .. Completed with spare parts and special tools and fits



- .. We also maintain spare parts for you all requirements.



Please contact us if you need more information!

S.E.P Internacional

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Drilling Tools & Drilling Equipment Solutions

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