

## DOWN HOLE MOTOR

Complete down hole motor positive displacement equipped with dump valve assy to run in straight – hole to use with rock or PDC bit , suitable to work in ( fresh mud, salt mud , or oil base mud) at temperature up to 150 c suitable to work in drilling fluids(10 >PH>6) mud weight(1.8g/cm<sup>3</sup>)(15ppg) particulates less than 2% chlorine content up to 180000

item	OD(IN)	thread connection box up & down	flow rate l/sec	RPM	working torque(N.M)	QTY
1	6 3/4	4 1/2 REG	20-30	100-250	5000-6000	4
2	8	6 5/8 REG	30-40	70-200	10000-15000	4

### SPARE PARTS FOR TWO YEARS OPERATION

#### REMARKS

- Supplier should be provide special tooling for maintenance
- All drill motors should be equipped with a mud lubricated bearing system
- Complete motor maintenance manuals should be supplied to SPC
- The rotor is machined out of high quality alloy steel and is surface treated for abrasion and corrosion resistance.
- The stator consist of a high quality alloy steel tube with an internally bonded elastomer .
- The bearings assembly is composed of radial and axial bearing which are used to stabilize the drive shaft while loaded.
- The rubber is highly resistant to abrasion and hydrocarbons .
- Threads gauges are manufactured in accordance with API5B .
- API5B certificate should be enclosed with the technical offers .
- The offer should be enclosed with ISO certificate.
- Origin county and the manufacturer , should be mentioned .
- The offer should be enclosed with relevant catalogue .
- values of working torque & flow rate and RPM included in the mentioned are accepted
- All equipment should be new and not renewed
- Supplier shall provide 2 copies of s/p and maintenance procedure catalogs and should be enclosed with the shipments