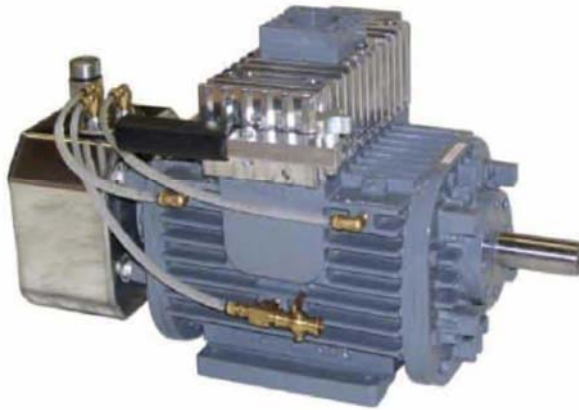


**NAHUM MARTABIT LTDA**

Ingeniería: procesos, térmica y piping  
A. Varas 175, of. 609, tel. 363 0382, fax 236 8673, [www. termo.cl](http://www.termo.cl), Email: [termotec@gtinternet.com](mailto:termotec@gtinternet.com), Stgo

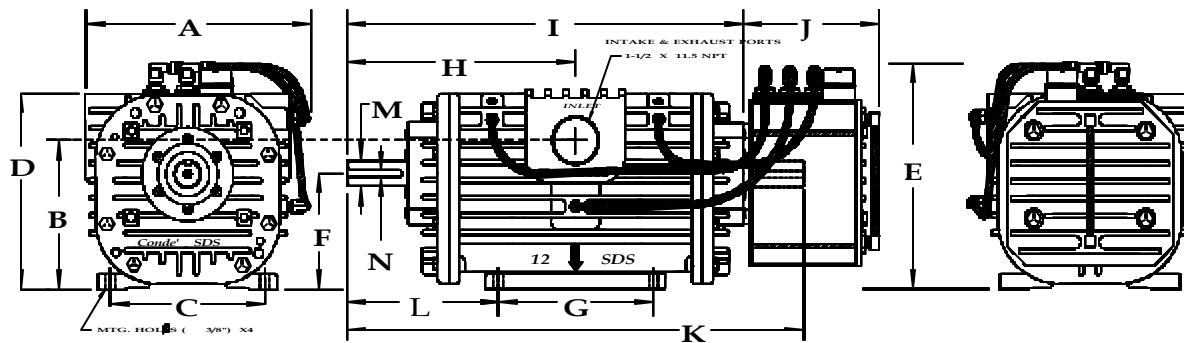
**TERMOTEC**

Equipos Industriales: térmicos y de vacíos.



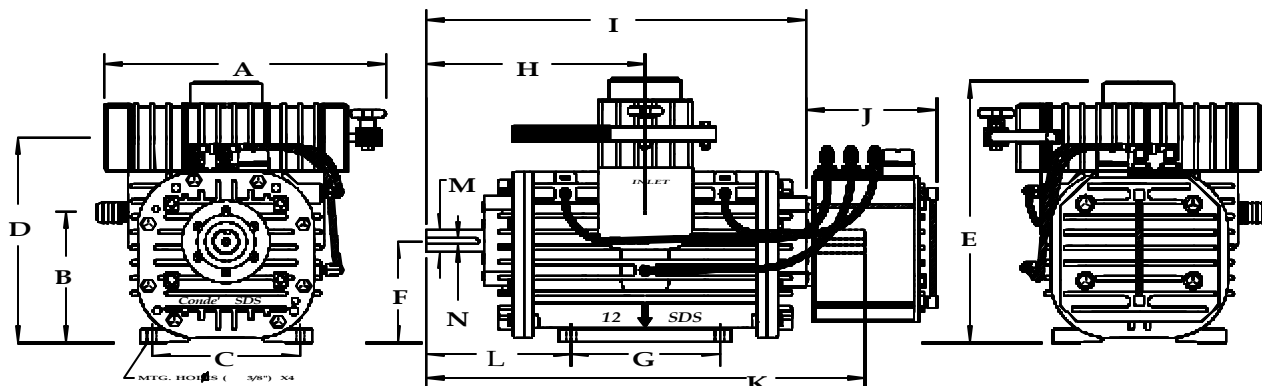
- **Double Shaft Design**  
Pump can be driven either clockwise or counter-clockwise rotation.
- **O-Ring Seals**  
Prevents any oil leakage and eliminates oil mess.
- **Automatic Oiling**  
Condé Automatic Oilers require no adjustment. Simply add oil.
- **Available in Vacuum Only or Vacuum/Pressure**  
Vacuum/Pressure models include built-in check valve to hold tank volume.
- **Low Profile - Compact Design**  
Installs neatly where other pumps can't go.
- **Versatile Oiler Design**  
Oiler can be mounted on either end of pump or remote mounted.
- **Sealed bearings require no maintenance.**
- **End thrust protection to prevent end plate to rotor wear.**

## DIMENSIONAL SPECIFICATIONS – SDS12



ALL DIMENSIONS IN INCHES

| A     | B     | C     | D     | E     | F      | G     | H       | I      | J     | K        | L       | M     | N                    |
|-------|-------|-------|-------|-------|--------|-------|---------|--------|-------|----------|---------|-------|----------------------|
| 8-7/8 | 5-7/8 | 6-1/4 | 7-3/4 | 9-1/4 | 4-9/16 | 6-1/4 | 9-31/32 | 16-7/8 | 5-1/2 | 19-15/16 | 6-27/32 | 1-1/8 | 1/4 X 1/4<br>2" LGTH |



ALL DIMENSIONS IN INCHES

| A      | B     | C     | D     | E      | F      | G     | H       | I      | J     | K        | L       | M     | N                    |
|--------|-------|-------|-------|--------|--------|-------|---------|--------|-------|----------|---------|-------|----------------------|
| 11-7/8 | 5-7/8 | 6-1/4 | 9-1/4 | 11-3/4 | 4-9/16 | 6-1/4 | 9-31/32 | 16-7/8 | 5-1/2 | 19-15/16 | 6-27/32 | 1-1/8 | 1/4 X 1/4<br>2" LGTH |

## PERFORMANCE SPECIFICATIONS

| Pump RPM | Displacement CFM | SCFM and ACFM @ Vacuum, "Hg |    |    |    |
|----------|------------------|-----------------------------|----|----|----|
|          |                  | 5                           | 10 | 15 | 18 |

|      |     |      |     |     |     |     |     |
|------|-----|------|-----|-----|-----|-----|-----|
| 1750 | 180 | SCFM | 153 | 122 | 90  | 69  | 56  |
| 1750 |     | ACFM | 175 | 173 | 171 | 167 | 162 |
| 1500 | 154 | SCFM | 131 | 104 | 77  | 51  | 42  |
| 1500 |     | ACFM | 149 | 147 | 145 | 141 | 136 |
| 1200 | 123 | SCFM | 104 | 71  | 62  | 47  | 39  |
| 1200 |     | ACFM | 120 | 117 | 115 | 111 | 105 |

| Pump<br>RPM | Free<br>Air | CFM at Pressure (PSIG) |     |     |     |     |
|-------------|-------------|------------------------|-----|-----|-----|-----|
|             |             | 2                      | 4   | 8   | 12  |     |
| 1750        | 180         | 178                    | 176 | 174 | 171 | 168 |

**Speed Range – 1200 to 1750 RPM**  
**Maximum Vacuum – 28" Hg intermittent**  
**Lubrication – Conde Automatic**  
**Maximum Pressure – 20 psig intermittent**  
**Port Size – 1-1/2"**  
**Shaft Diameter – 1-1/8"**  
**Weight Vacuum Only – 119 Lbs.**  
**Weight Vacuum/Pressure – 124 lbs.**