



**DATA SHEET
POSITIVE
DISPLACEMENT PUMP**

| | |
|------------|------|
| SPEC. | |
| DATE | REV. |
| 11/02/2019 | |

| | | | | |
|-----------------------------|-------------------------------------|-------------------|-----------------------|---------|
| PUMP MODEL | | M55 | ITEM TYPE | 8-MAG |
| OPERATING CONDITIONS | | | | |
| FLUID HANDLED | n.a. | | SUCTION PRESSURE | 0,1 bar |
| PUMPING TEMP. | n.a. | °C | DIFFERENTIAL PRESSURE | 5 bar |
| VISCOSITY AT P.T. | n.a. | cSt | SUCTION LIFT | m |
| DENSITY AT P.T. | n.a. | kg/m ³ | WORKING | |
| DISCHARGE PRESSURE | 5,1 | bar | SITE | n.a. |
| PERFORMANCES | | | | |
| CAPACITY | 4 | mc/h | ABSORBED POWER | 0,91 kW |
| TOTAL HEAD | 5 | bar | INSTALLED POWER | 1,73 kW |
| SPEED | 160 | rpm | EFFICIENCY | 71 % |
| CONSTRUCTION DATA | | | | |
| MATERIALI | CASING | cast iron | | |
| | IMPELLER | aisi 304 | | |
| | SHAFT | aisi 304 | | |
| | BASE | cast iron | | |
| SEAL | Magnetic | | TYPE | |
| SUCTION/DISCHARGE NOZZLES | | 2" | | |
| BEARINGS | | Ball | | |
| COUPLING | <input checked="" type="checkbox"/> | | | |
| BASEPLATE | <input checked="" type="checkbox"/> | | | |
| REDUCTOR | <input checked="" type="checkbox"/> | TYPE | RCV 202 | |
| GEARBOX | <input type="checkbox"/> | TYPE | | |
| LUBRIFICATION | Permanent Grease | | | |
| ELECTRIC MOTOR | | | | |
| MANUFACTURER | RAEL | | | |
| RATED POWER | 1,73 kW | TYPE | RL-90L4 | |
| VOLTS/PHASE/FREQ. | 277v-480v/4/60 | SHAPE | B5 | |
| PROTEZIONE | IP55 | INSULATION CLASS | F | |
| ACCESSORIES | | | | |
| BY-PASS VALVE | <input checked="" type="checkbox"/> | RATED PRESSURE | 5 | bar |
| HEATING COVER | <input type="checkbox"/> | | | |
| FILTER | <input type="checkbox"/> | | | |

NOTE: