

Decompressors

Thanks to the particular geometrical shape of the Ferrari slurry tanker decompressors, the rotary motion driven to the rotor creates, at its speed of rotation of 1.000-1.100 RPM, a depression effect on the pipeline connected to the decompressor; this effect has generated through the alternating vane action being in the rotor slots, which enter in contact, due to friction, with the inside wall of the cylinder body.

A oil-bath twin-gear multiplier increases the rotary motion of the motor power takeoff (tractor with PTO 540 RPM). Automatic standard drop-feed lubrication; on request it is supplied the force-feed lubrication system through a gear type oil pump.



| TECHNICAL INFORMATION | FMDV | FMS | FS | AM |
|----------------------------------|----------------|----------------|----------------|----------------|
| TRACTOR NOMINAL POWER hp - Kw | 40-50 29-36 | 50-60 36-43 | 60-70 43-51 | 70-80 51-58 |
| CAPACITY MAX Lt/min | 6.500 | 8.500 | 10.500 | 13.000 |
| ROTOR RPM MAX | 1.200 | 1.200 | 1.200 | 1.200 |
| TRANSMISSION GEAR | 1/2,42 | 1/2,42 | 1/2 | 1/2 |
| EMPTY MAX % | 90 | 90 | 90 | 90 |
| WORK PRESSION Bar | 1,5 | 1,5 | 1,5 | 1,5 |
| ABSORBED POWER EMPTY KW | 9 | 14 | 19 | 25 |
| ABSORBED POWER KW | 20 | 25 | 29 | 39 |
| TOTAL WEIGHT Kg | 117 | 137 | 193 | 230 |

The data above have been collected after carrying out some tests in our lab and are to be considered approximate.