



Rodney Industries

2025



# I75C001KIT

## DIESEL PUMP SETS

# MACHINE DETAILS & PERFORMANCE DATA

# I75C001KIT

## IVECO MOTORS SERIES NEF WITH CAPRARI PUMP

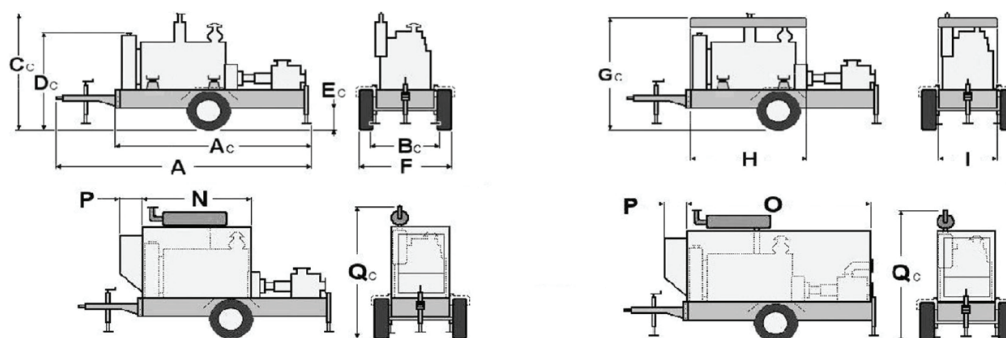


### STANDARD EQUIPMENT

- 4 cylinder water-cooled IVECO MOTORS diesel engine, complete with engine liquids.
- Caprari MEC-MG 80/3G Pump.
- Mounted on two pneumatic wheels trolley, with 360 litre built in tank.
- Centrifugal flanged pump coupled to the engine through flexible joint.
- Battery.
- ELCOS CEM 250/00 control panel with electric system, engine control device, transducer for high pressure and low pressure alarm, 24 hour timer.
- Control board mod. CIM 130 FPT for ENTA engines.
- ABS roof.
- Engine running indicator light on roof.
- Work light for around unit.

| Machine Options       | Code   |
|-----------------------|--------|
| Priming System Kirpy  | 406053 |
| Electric Priming Pump | EPP    |

| Computer Options         | Code          |
|--------------------------|---------------|
| Upgrade to Elcos CIM 131 | CIM131UPGRADE |
| Upgrade to Elcos CIM 137 | CIM137UPGRADE |



### WEIGHTS AND DIMENSIONS

| SIZE (cm) |       |       |       |       |    |     |     |     |     |     |     |    |       |
|-----------|-------|-------|-------|-------|----|-----|-----|-----|-----|-----|-----|----|-------|
| A         | Ac    | Bc    | Cc    | Dc    | Ec | F   | Gc  | H   | I   | N   | O   | P  | Qc    |
| 345.9     | 211.5 | 122.9 | 229.6 | 150.6 | 34 | 145 | 180 | 130 | 100 | 128 | 200 | 40 | 227.5 |

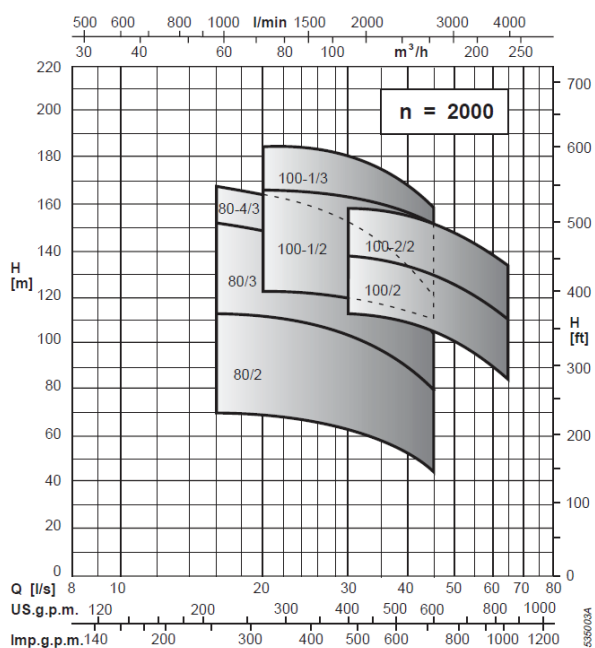
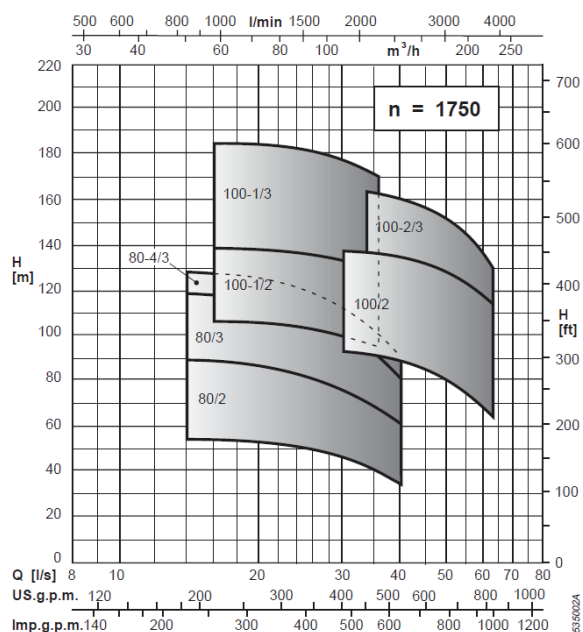
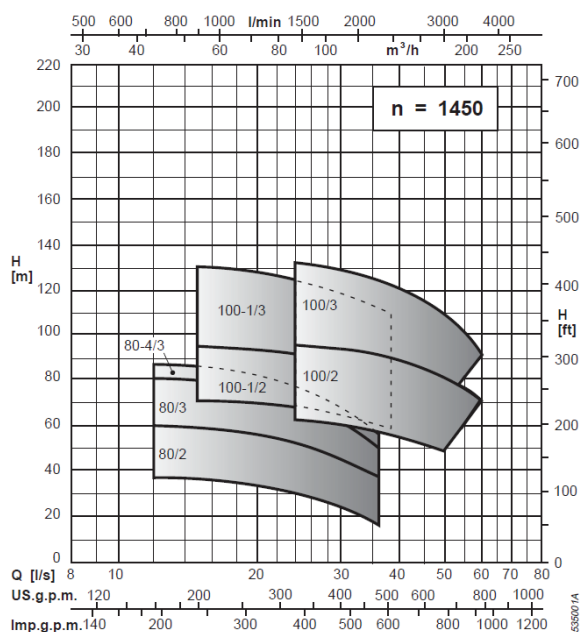
\* Please note dimensions are to be used as a guide only.



# 175C001KIT

IVECO MOTORS SERIES NEF  
WITH CAPRARI PUMP

## CAPRARI PUMP MEC-MG 80/3G PUMP PERFORMANCE RANGE





# 175C001KIT

IVECO MOTORS SERIES NEF  
WITH CAPRARI PUMP

## CAPRARI PUMP MEC-MG 80/3G

### GENERAL PUMP DATA

#### Capacity at 1450 N [min-1]

|                 |                          |       |   |     |     |      |      |      |      |      |      |      |
|-----------------|--------------------------|-------|---|-----|-----|------|------|------|------|------|------|------|
| DNa<br>x<br>DNm | Impellers<br>Combination | l/s   | 0 | 12  | 15  | 20   | 25   | 30   | 32   | 34   | 36   | 38   |
|                 |                          | m³/h  | 0 | 36  | 54  | 72   | 90   | 108  | 115  | 122  | 130  | 137  |
| mm              |                          | l/min | 0 | 600 | 900 | 1200 | 1500 | 1800 | 1920 | 2040 | 2160 | 2280 |

|             |   |    |     |      |      |     |     |      |      |      |      |  |
|-------------|---|----|-----|------|------|-----|-----|------|------|------|------|--|
| 100 x<br>80 | G | m  | 65  | 66   | 63   | 58  | 51  | 42.5 | 38.5 | 34.5 | 30   |  |
|             |   | KW | 9.1 | 11.8 | 13.5 | 16  | 18  | 20   | 20.5 | 21   | 21.5 |  |
| NPSH m      |   |    |     | 1,8  | 2    | 2.2 | 3.6 | 4.6  | 5.1  | 6    | 7    |  |

#### Capacity at 1750 N [min-1]

|                 |                          |       |   |     |     |      |      |      |      |      |      |      |
|-----------------|--------------------------|-------|---|-----|-----|------|------|------|------|------|------|------|
| DNa<br>x<br>DNm | Impellers<br>Combination | l/s   | 0 | 14  | 16  | 18   | 20   | 24   | 28   | 32   | 36   | 40   |
|                 |                          | m³/h  | 0 | 50  | 58  | 65   | 72   | 86   | 101  | 115  | 129  | 144  |
| mm              |                          | l/min | 0 | 840 | 960 | 1080 | 1200 | 1440 | 1680 | 1920 | 2160 | 2400 |

|             |   |    |    |      |     |      |      |     |      |      |      |   |
|-------------|---|----|----|------|-----|------|------|-----|------|------|------|---|
| 100 X<br>80 | G | m  | 98 | 99   | 98  | 95   | 93   | 86  | 80   | 71   | 62   |   |
|             |   | KW | 16 | 22.5 | 24  | 25.5 | 27.5 | 30  | 32.5 | 34.5 | 35.5 |   |
| NPSH m      |   |    |    | 2.1  | 2.1 | 2.2  | 2.3  | 2.5 | 2.8  | 3.3  | 4.3  | 6 |

#### Capacity at 2000 N [min-1]

|                 |                          |       |    |     |      |      |      |      |      |      |      |      |
|-----------------|--------------------------|-------|----|-----|------|------|------|------|------|------|------|------|
| DNa<br>x<br>DNm | Impellers<br>Combination | l/s   | 0  | 16  | 18   | 20   | 24   | 28   | 32   | 36   | 40   | 45   |
| m³/h            |                          | 0     | 58 | 65  | 72   | 86   | 101  | 115  | 129  | 144  | 162  |      |
| mm              |                          | l/min | 0  | 960 | 1080 | 1200 | 1440 | 1680 | 1920 | 2160 | 2400 | 2700 |

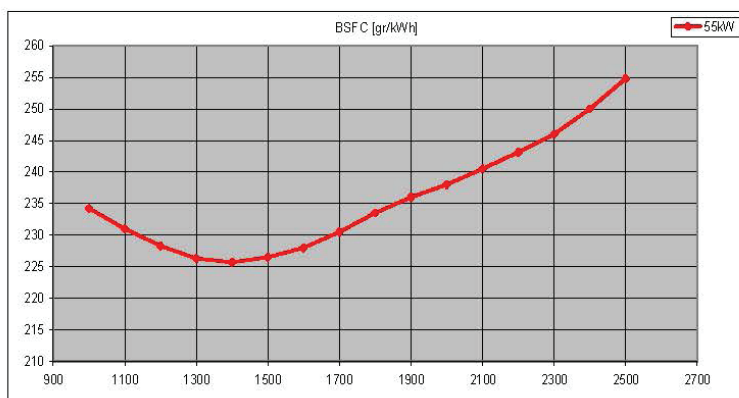
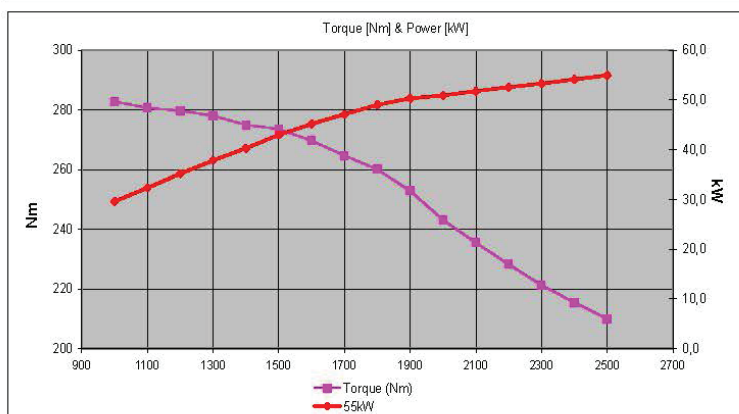
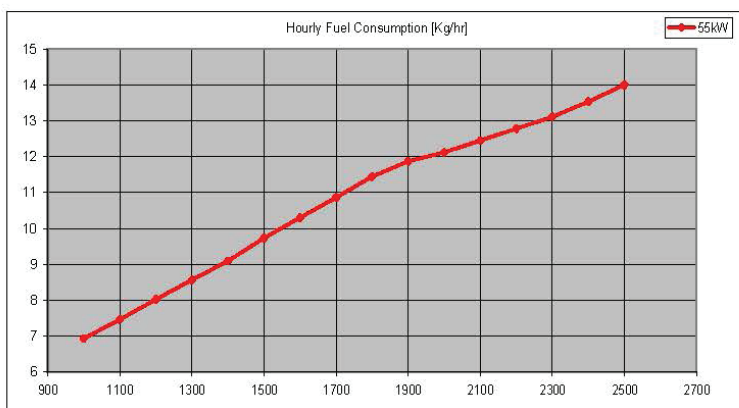
|             |   |    |     |      |      |     |      |     |      |     |      |     |
|-------------|---|----|-----|------|------|-----|------|-----|------|-----|------|-----|
| 100 X<br>80 | G | m  | 129 | 130  | 128  | 126 | 121  | 114 | 106  | 98  | 87   |     |
|             |   | KW | 24  | 32.5 | 36.5 | 38  | 38.5 | 45  | 47.5 | 50  | 50.5 |     |
| NPSH m      |   |    |     | 2.3  | 2.3  | 2.4 | 2.6  | 2.8 | 3.1  | 3.6 | 4.4  | 6.3 |

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IVECO MOTORS SERIES NEF  
WITH CAPRARI PUMP



## IVECO MOTORS SERIES NEF F32MNSX00 GENERAL ENGINE DATA





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