

# EL1204HHA/B/C

Electric Pump

**DRAGFLOW**



## Pump specifications:

| Type                            | EL1204HHA/B/C       |            |            |
|---------------------------------|---------------------|------------|------------|
|                                 | Mod A               | Mod B      | Mod C      |
| Capacity [M³/h]                 | 100                 | 200        | 300        |
| Head [m]                        | 72                  | 60         | 42.5       |
| Impeller diameter [mm] / type   | 490/2 blades closed |            |            |
| Flanged bore size [DN.../PN...] | DN100/PN10          | DN150/PN10 | DN200/PN10 |
| Cross section diameter [mm]     | 35                  |            |            |
| Weight [Kg]                     | 1100                | 1130       | 1160       |

## Features:

### Electric motor

|                                |              |
|--------------------------------|--------------|
| Power [kW-HP]                  | 90-120       |
| Voltage [V]/Current [A]        | 400/158      |
| Phases/Poles/Frequency [Hz]    | 3/4/50       |
| Speed [RPM]                    | 1450         |
| Insulation class               | H            |
| Power cable 20m (IEC 60245- 4) | H07RN-F 4G35 |

### Seals/Lubricants

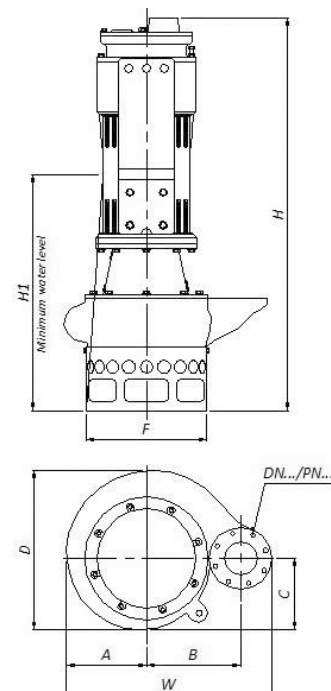
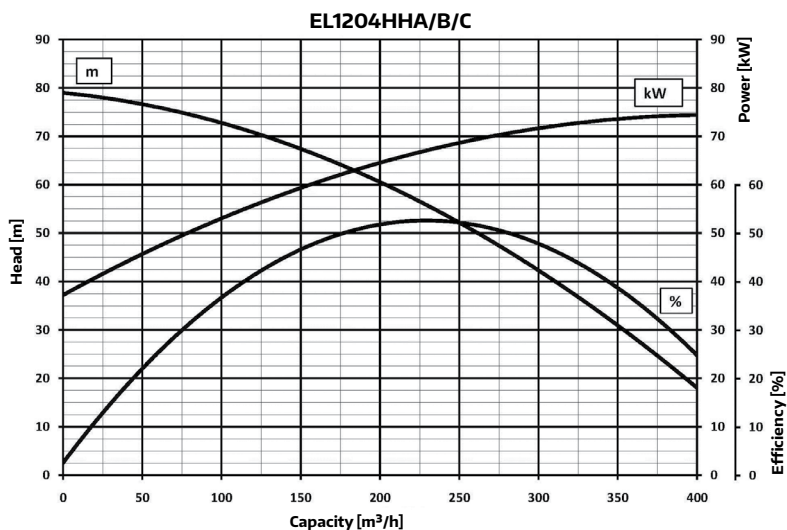
|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Motor side seals    | 1 mechanical seal (silicon carbide in oil bath)                                         |
| Impeller side seals | 1 mechanical seal (silicon carbide in oil bath)<br>+ 1 lip seal (BUNA) + 1 V-RING (TPU) |
| Oil type            | ISO 320                                                                                 |

### Dimensions [mm]

| H    | W   | D   | F   | H1   | A   | B   | C   |
|------|-----|-----|-----|------|-----|-----|-----|
| 1450 | 902 | 774 | 600 | 1000 | 374 | 418 | 363 |

### Materials

|               |                                             |
|---------------|---------------------------------------------|
| Casing        | Spheroidal cast iron EN-GJS-800-2 (EN 1563) |
| Motor housing | Cast iron EN-GJL-250 (EN 1561)              |
| Wear parts    | High chrome EN-GJN-HV600 (XCr18) (EN 12513) |
| Main shaft    | High tensile steel 39NiCrMo3 (AISI 9840)    |



EL1204HHA/B/C 50Hz

We reserve the right to make changes without notice

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