



E05Q-L



Constructions

| Nozzles | Size DN [mm] | Rating PN [bar] | Position | Facing | Hydraulic Type | E05Q |
|-----------|--------------|-----------------|----------|--------|-------------------|----------|
| Suction | 150 | 16 | Bottom | RF | Regulable | no |
| Discharge | 125 | 16 | Side | RF | Impeller | L |
| | | | | | Free Passage [mm] | 100 |
| | | | | | Mounting | vertical |

Motor

| | | | |
|--|--------------------|--------------------|-------------------------------------|
| Manufacturer | Hidrostat | Winding Protection | Bi-Metal Switch THERMIK |
| Type | EEXA4 - immersible | Starting Method | Y / Δ |
| Nominal Rating P _N [kW] | 7.5 | Cable Length [m] | 30 |
| Voltage [V] | 380-420 | Cable Details | 12x1,5mm2 PURWIL, EMV |
| Frequency [Hz] | 50 | EMV-Cable | yes |
| Speed [rpm] | 1440 | Ex-Proof | II2G EEx d IIB T4, PTB 00 ATEX 1011 |
| Nominal Current [A] | 23 | Enclosure | IP 68 |
| Starting Current I _A / I _N | 5.7 | Insulation | F |
| Cos φ | 0.8 | Fly Wheel | no |
| | | Oil volume [l] | 7.00 |

Materials

| | | | |
|------------|---------------------------|----------------|--|
| Casing | Cast Iron 0.6025 | Shaft | Stainless Steel ~ DIN 1.4021 |
| Impeller | Graphite Cast Iron 0.7060 | Seal motorside | 38.1000 mm / F-Type - Antimony-Carbon / Silicon-Carbide |
| Liner | Cast Iron 0.6025 | Seal pumpside | 38.1000 mm / M-Type - Silicon-Carbide / Tungsten-Carbide |
| Back Cover | Cast Iron 0.6020 | O-Ring | Nitrile |

Miscellaneous

| | | | |
|-----------------------|-------|---------------------|--------------------------|
| Pump Weight Net [kg] | 231kg | Painting | Standard Painting |
| Hydraulic Weight [kg] | 99kg | Coat thickness [μm] | 150μm, Standard RAL 5010 |

