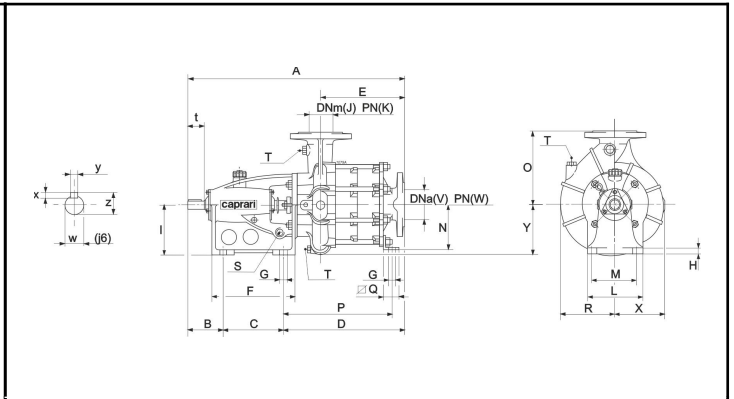
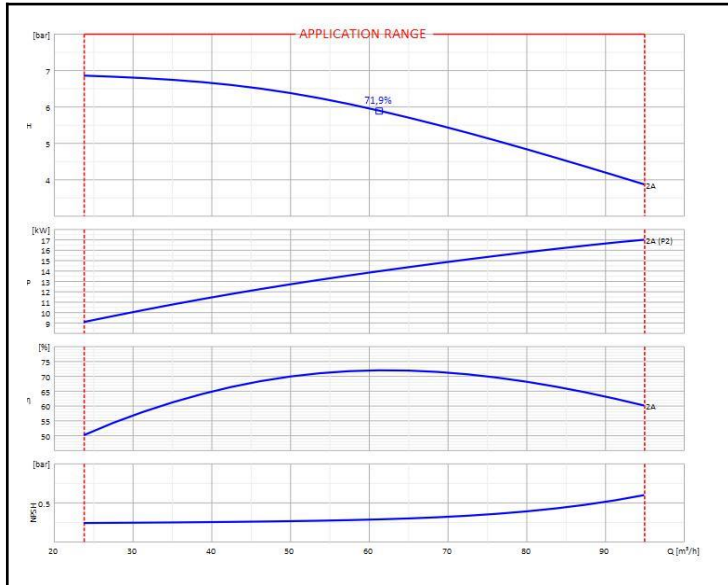


| | | | |
|------------------|--|----------------------|---------------|
| Customer: | | Ref.: | |
| Item | Quantity | Required flow | n.d. |
| Type | CENTRIFUGAL PUMP WITH HORIZONTAL SHAFT | Model | MEC-MR65-3/2A |



| Dimensions [mm] | | | | | | | |
|-----------------|-----|---|------|---|--------|---|----|
| A | 615 | J | 65 | S | G 3/8" | x | 7 |
| B | 124 | K | 16 | T | G 3/8" | y | 8 |
| C | 185 | L | 180 | U | G 3/8" | z | 31 |
| D | 306 | M | 150 | V | 80 | | |
| E | 197 | N | n.d. | W | 10 | | |
| F | 255 | O | 275 | X | 168 | | |
| G | 19 | P | n.d. | Y | 180 | | |
| H | 16 | Q | n.d. | t | 65 | | |
| I | 160 | R | 188 | w | 28 | | |

| OPERATING DATA - ISO 9906:2012 3B - | | | | | CONSTRUCTION CHARACTERISTICS | | | |
|-------------------------------------|---------|--------|-------|------------|------------------------------|----|------------|----|
| Q [m³/h] | H [bar] | P [kW] | η [%] | NPSH [bar] | UNI delivery flange DN | 65 | PN | 16 |
| | | | | | UNI suction flange DN | 80 | PN | 16 |
| | | | | | Total weight | 81 | | Kg |
| | | | | | No. Stages | | 2 | |
| | | | | | Pump seal | | Packing | |
| | | | | | Type of installation | | Horizontal | |

| OPERATING LIMITS | | | OPERATING CHARACTERISTICS | | | |
|---|--------------------------|--------|---------------------------|-----------|----------|------|
| Pumped liquid | Water | | Service flow rate | n.d. | n.d. | |
| Max. temperature of pumped liquid | n.d. | | Service head | n.d. | n.d. | |
| Maximum density | 1 | kg/dm³ | Qmin | 23,8 | 94,97 | m³/h |
| Maximum viscosity | 1 | mm²/s | H (Q=0) | 6,75 | 6,85 | bar |
| Max. solid content | 20 | g/m³ | P2 Duty Point | n.d. | 16,97 | kW |
| Max. no. starts/hr | n.d. | | P2max | | | |
| Maximum operating time with closed port | 10min (2900 rpm) [40 °C] | | Pump hydraulic efficiency | n.d. | n.d. | |
| | | | Rotation speed | 2000 | 1/min | |
| | | | Sense of rotation (*) | Clockwise | | |
| Number of pumps installed | | | Operating | 1 | Stand-by | 0 |
| | | | | | | |

| PUMP MATERIALS | |
|-----------------------------|-----------------|
| Delivery casing | Cast iron |
| Suction casing | Cast iron |
| Impeller | Cast iron |
| Diffuser | Cast iron |
| Casing | Cast iron |
| Stuffing box | Cast iron |
| Seal housing | n.d. |
| Wear ring | Cast iron |
| Wear ring with bearing bush | n.d. |
| Bearing bush | n.d. |
| Packing | Graphited cord |
| Mechanical seal | n.d. |
| Pedestal | Cast iron |
| Pump shaft | Stainless steel |
| Shaft sleeve | Steel |
| Stuffing box studs | Stainless steel |
| Stuffing box nuts | Stainless steel |

| | |
|---------------|-----------------------------------|
| Notes: | (*) View from motor coupling side |
| OFFER No. | Pos. |
| | Date 11/06/2019 |