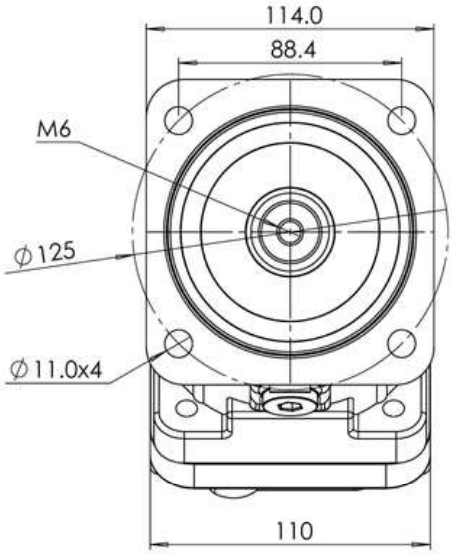
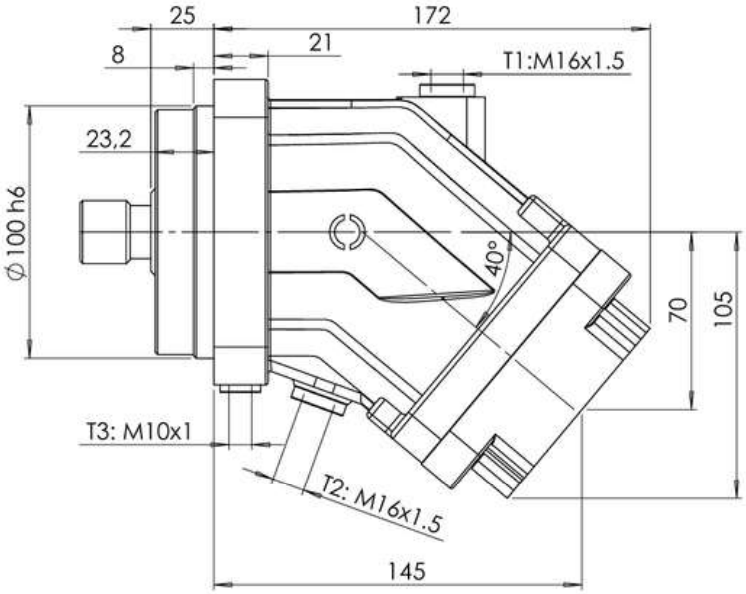
## MOUNTING FLANGE (ISO3019-2)

### -ISO 4h Ø100




### -PORTING OPTIONS



**REAR (R)**



**SIDE (S)**

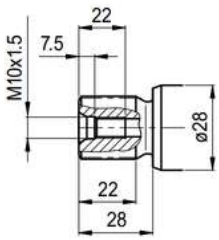


**REAR+SIDE (RS)**

### -SHAFT

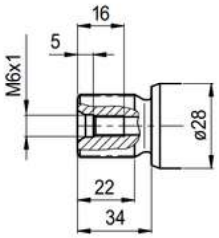
**S1**

Splined shaft DIN 5480
W25x1.25x18x9g



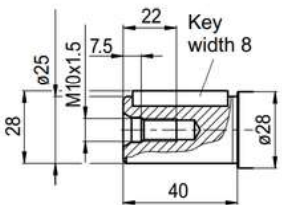

**S2**

Splined shaft DIN 5480
W20x1.25x14x9g



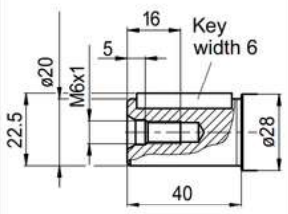

**K1**

Parallel keyed shaft
DIN 6885, AS8x7x32

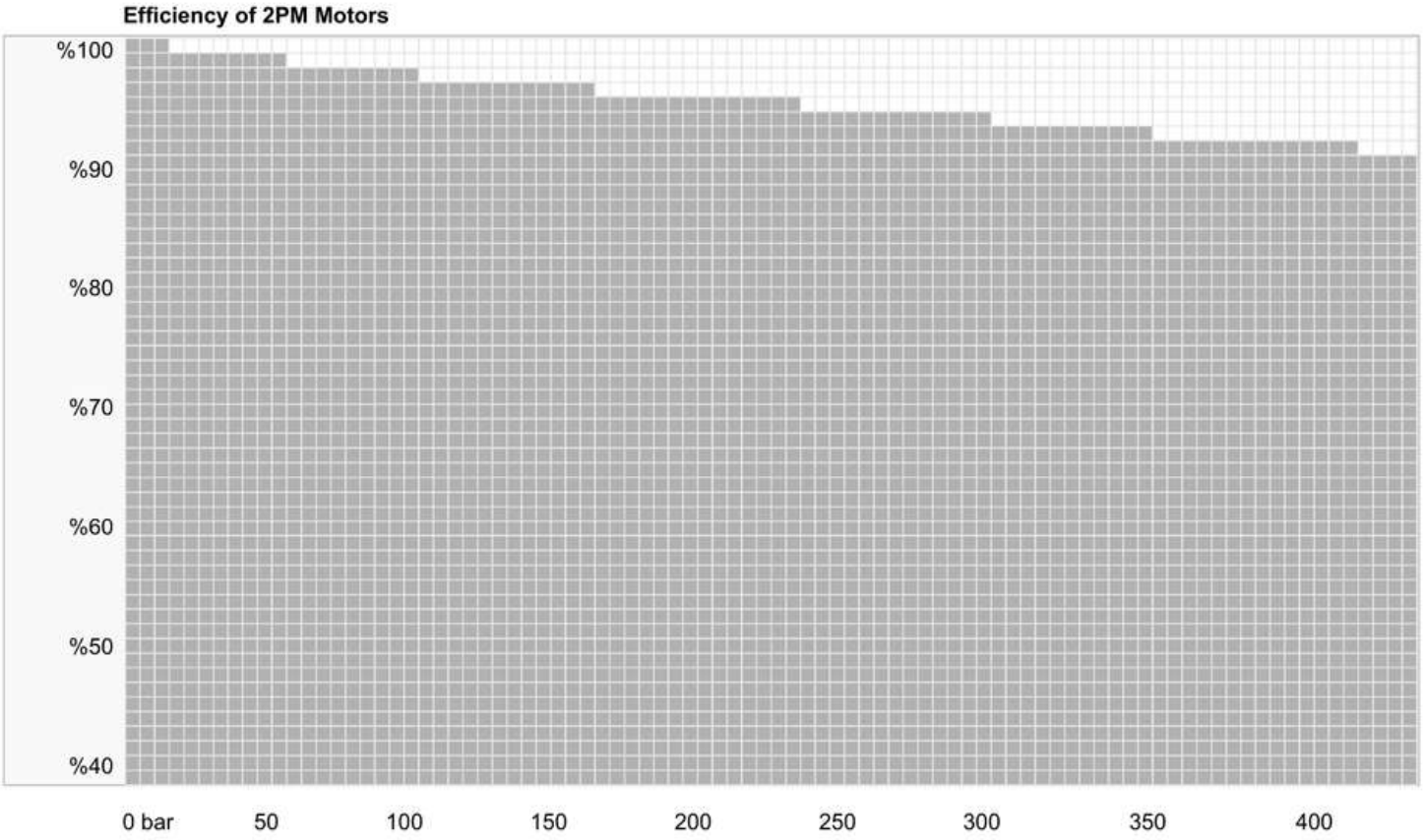



**K2**

Parallel keyed shaft
DIN 6885, AS6x6x32

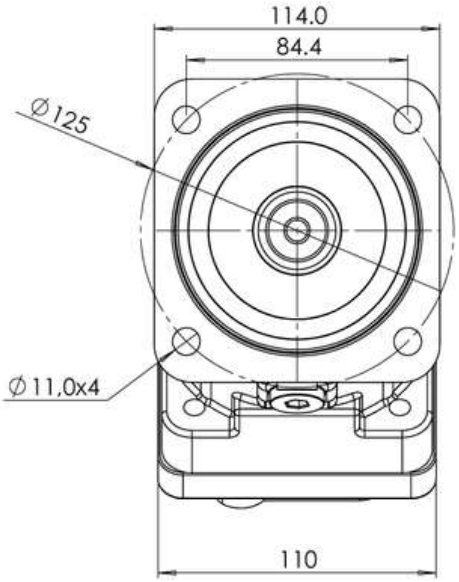


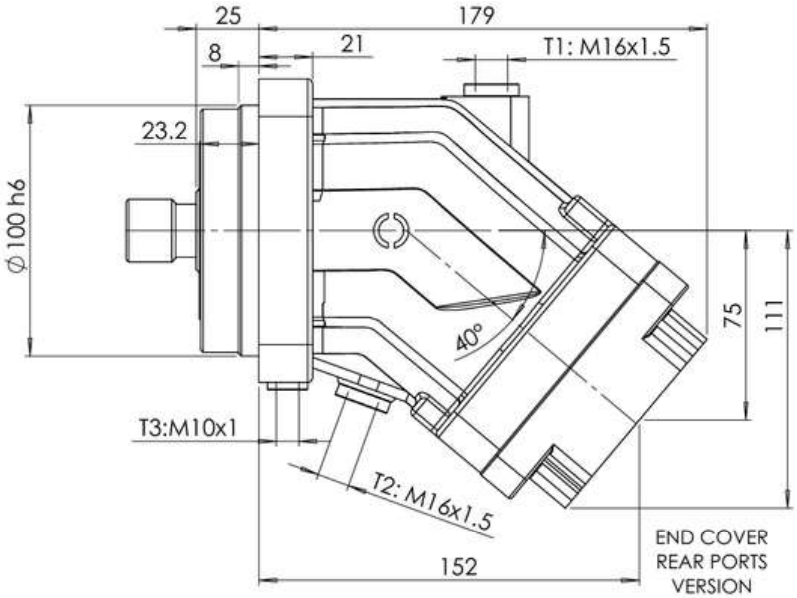
## MECHANICAL EFFICIENCY



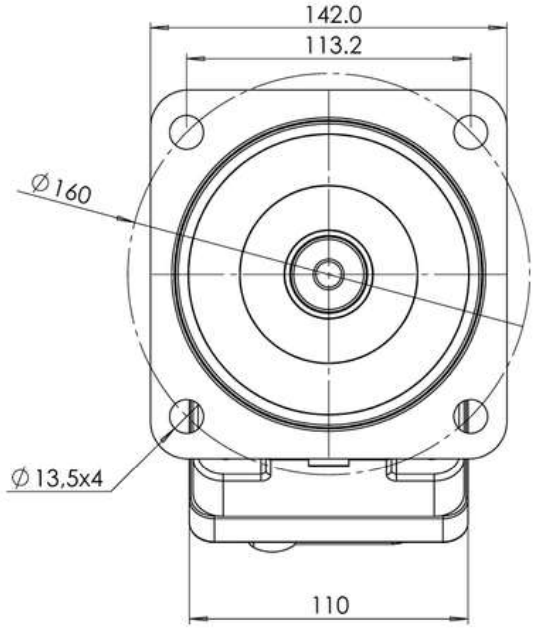
## MOUNTING FLANGE (ISO3019-2)

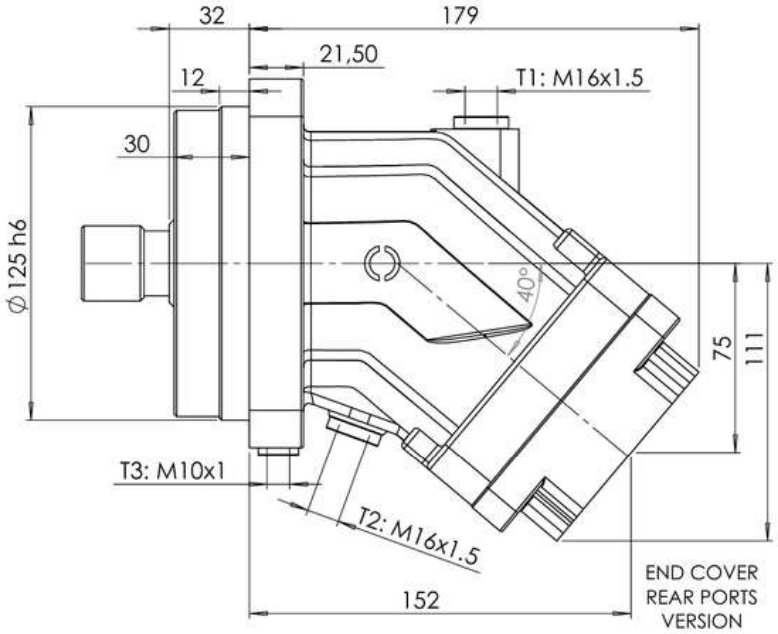
### -ISO 4h Ø100




### -ISO 4h Ø125




### -PORTING OPTIONS

▼ ***SAE FLANGE REAR PORTS AVAILABLE (SAE ¾ (6000 PSI) x2 ) HIGH PRESSURE SERIES, Ordering Code: FS***



**REAR (R)**



**SIDE (S)**

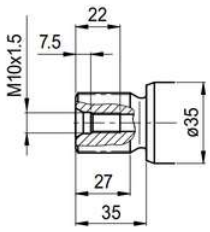


**REAR+SIDE (RS)**

## -SHAFT OPTIONS

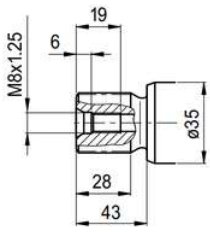
**S1**

Splined shaft DIN 5480
W30x2x14x9g



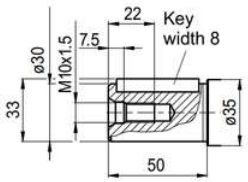

**S2**

Splined shaft DIN 5480
W25x1.25x18x9g



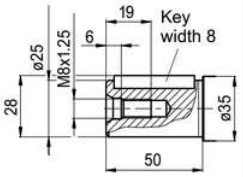

**K1**

Parallel keyed shaft
DIN 6885, As8x7x40

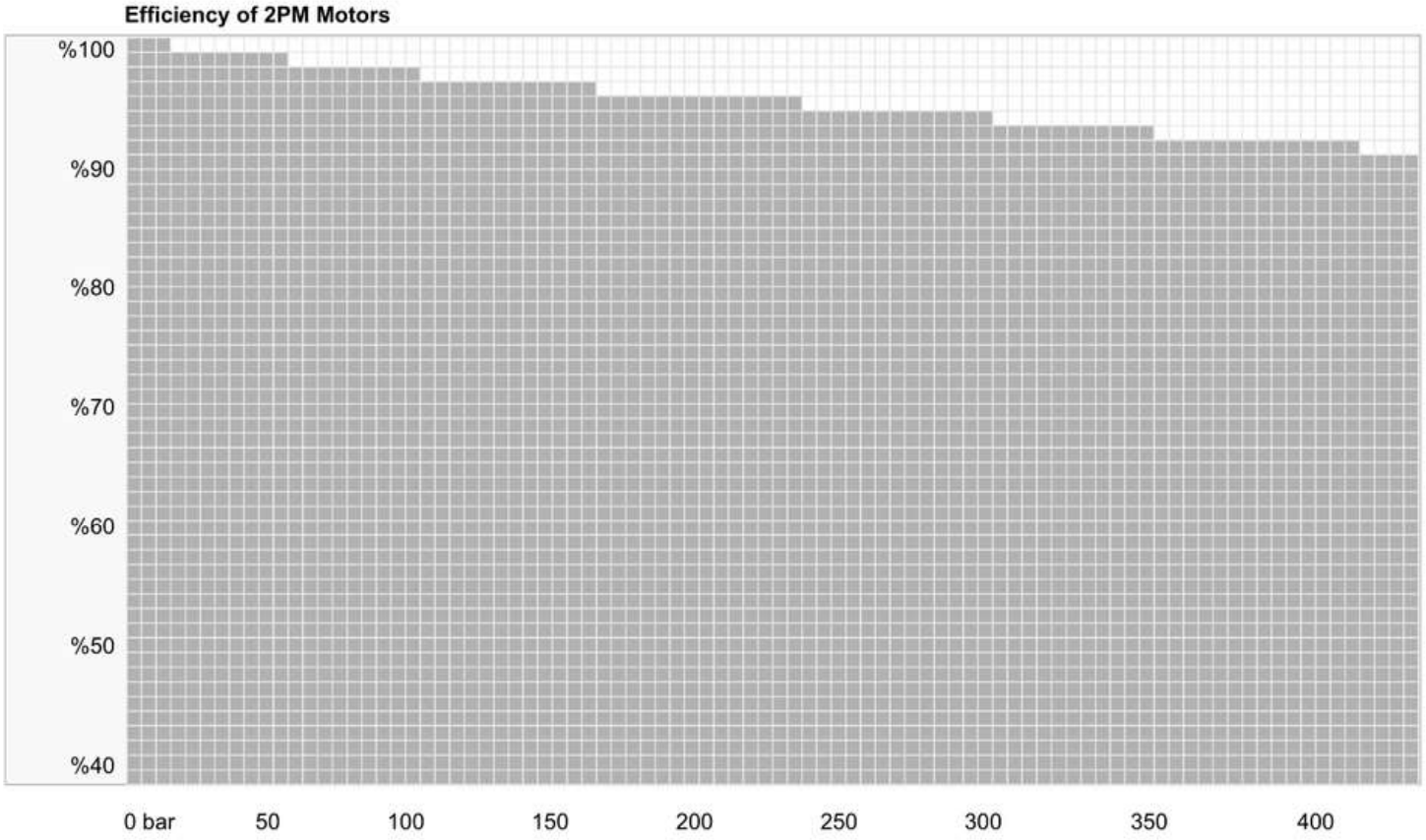



**K2**

Parallel keyed shaft
DIN 6885, As8x7x40

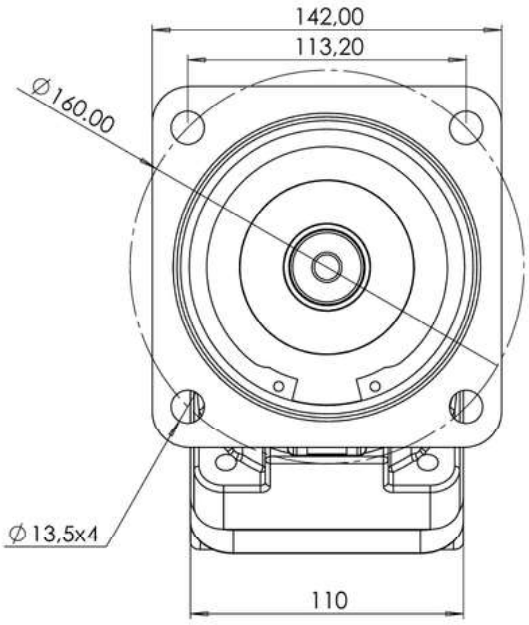


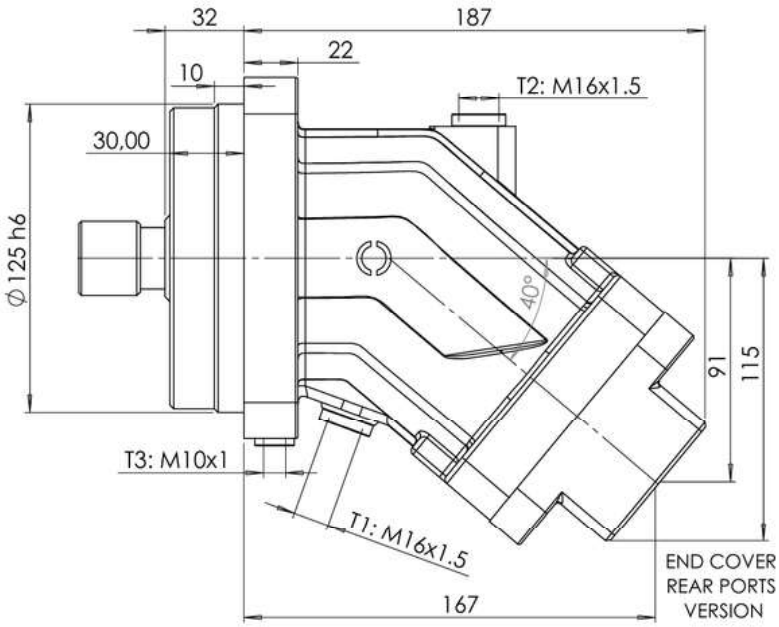

## MECHANICAL EFFICIENCY



## MOUNTING FLANGE (ISO3019-2)

### -ISO 4h Ø125




### -PORTING OPTIONS

▼ ***SAE FLANGE REAR PORTS AVAILABLE (SAE 1" (6000 PSI) x2 ) HIGH PRESSURE SERIES, Ordering Code: FS***



**REAR (R)**



**SIDE (S)**

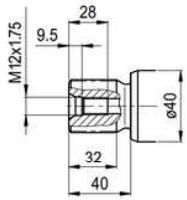


**REAR+SIDE (RS)**

### -SHAFT OPTIONS

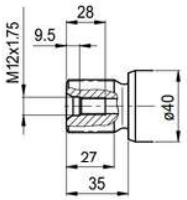
**S1**

Splined shaft DIN 5480
W35x2x16x9g



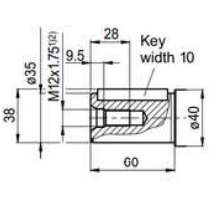

**S2**

Splined shaft DIN 5480
W30x2x14x9g



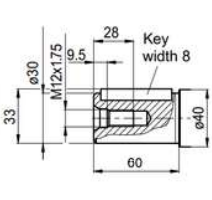

**K1**

Parallel keyed shaft
DIN 6885, As10x8x50

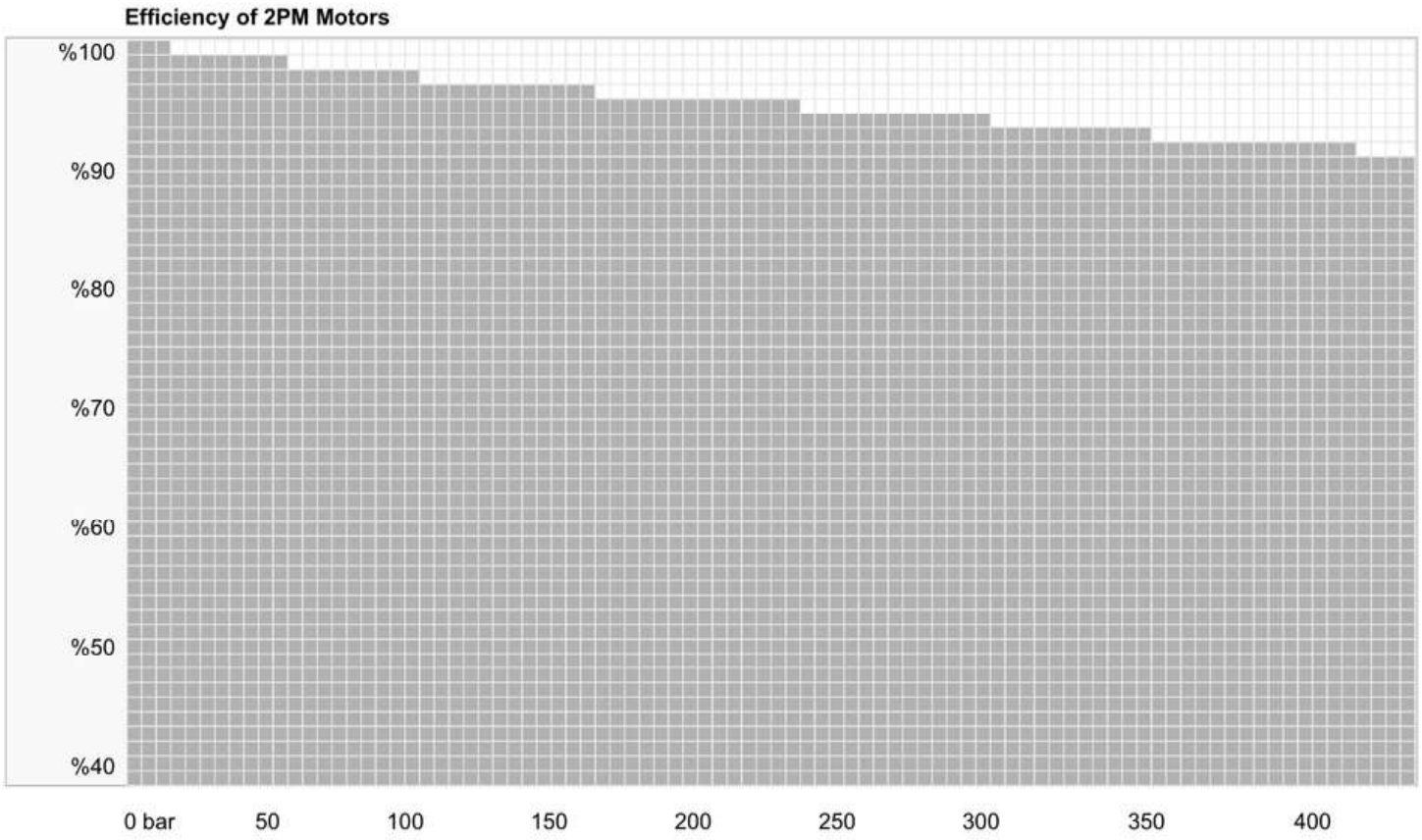



**K2**

Parallel keyed shaft
DIN 6885, As8x7x50



## MECHANICAL EFFICIENCY



# Technical Data I

| | | 5 | 10 | 12 | 18 | 25 | 32 | 40 | 50 | 56 | 63 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Displacement** | ***cc*** | 5,00 | 10,00 | 12,00 | 18,00 | 25,00 | 32,00 | 40,20 | 50,00 | 56,40 | 63,00 |
| **Theoretical oil flow l/min at pump speed** | ***1000 rpm*** | 5,00 | 10,00 | 12,00 | 18,00 | 25,00 | 32,00 | 40,20 | 50,00 | 56,40 | 63,00 |
| | ***1500 rpm*** | 7,50 | 15,00 | 18,00 | 27,00 | 37,50 | 48,00 | 60,30 | 75,00 | 84,60 | 94,50 |
| **Maximum Speed** | | | | | | | | | | | |
| - Continuous | ***rpm*** | 8800 | 8000 | 8000 | 8000 | 6250 | 6250 | 5600 | 5000 | 5000 | 5000 |
| - Intermittent | ***rpm*** | 9400 | 8800 | 8800 | 8800 | 6800 | 6800 | 6300 | 5500 | 5500 | 5500 |
| **Max. Continuous Pressure** | ***bar*** | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| **Max. Peak Pressure** | ***bar*** | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 |
| **Torque bar** | ***m.N/bar*** | 0.17 | 0.17 | 0.18 | 0.28 | 0.40 | 0.51 | 0.65 | 0.80 | 0.92 | 1.00 |
| **Torque at 350 bar** | ***m.N*** | 62 | 64 | 66 | 98 | 140 | 174 | 228 | 280 | 320 | 350 |
| **Weight** | | | | | | | | | | | |
| - Without accessories | ***kg*** | 9,00 | 9,00 | 9,00 | 10,00 | 10,00 | 11,00 | 11,00 | 11,00 | 12,00 | 12,00 |
| - With accessories | ***kg*** | 9,50 | 9,50 | 9,50 | 10,50 | 10,50 | 11,50 | 11,50 | 11,50 | 12,50 | 12,50 |
| **Motor Temperature** | | | | | | | | | | | |
| - Minimum | ***°C*** | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| - Maximum | ***°C*** | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 |

# C-2PM: Ordering Code and Specifications Table

| Type Code | Displacement ($cm^3$) | Rotation | Version | Sealing | End Cover | Mounting Flange | Shaft |
|---|---|---|---|---|---|---|---|
| **C-2PM** | **12,18,25,32, 40,50,63** | **R, L** (CW, CCW) | **Special Classic** (S,C) | **Nitrile, Viton** (N,V) | **RSS** (REAR+SIDE SAE) | **According the Specifi-cations** | **According the Specifi-cations** |

| **ISO 3019-2** | | **12** | **18** | **25** | **32** | **40** | **50** | **63** |
|---|---|---|---|---|---|---|---|---|
| **I42** | ISO 4h Ø100 | ● | ● | ● | ● | ● | | |
| **I43** | ISO 4h Ø125 | | | | ● | ● | ● | ● |

| **S1** | **S2** | **K1** | **K2** |
|---|---|---|---|

S: Splined

## Thread Specifications

*With ISO6149 and BSP thread options
- BSP on request

| | **(R)** | **(S)** | **(RS)** |
|---|---|---|---|
| **12** | M27x2 | M27x2 | M27x2 (4) |
| **18** | M27x2 | M27x2 | M27x2 (4) |
| **25** | M27x2 | M27x2 | M27x2 (4) |
| **32** | M33x2 | M33x2 | M33x2 (4) |
| **40** | M33x2 | M33x2 | M33x2 (4) |
| **50** | M33x2 | M33x2 | M33x2 (4) |
| **63** | M33x2 | M33x2 | M33x2 (4) |

## Ordering Code Example;

- End cover RSS
  Sae thread

| **ISO 6149 (1)** | **BSP (B)** | **SAE O-Ring Boss (S)** |
|---|---|---|
| M27x2 | 63/4” | 1 1/16” - 12 Un-2B |
| M33x2 | 61” | 1 5/16” - 12 Un-2B |
| M27x2 | M27x2 | 15/8” - 12 Un-2B |

- High vibration resistance and 630 bar pressure limit.
- SAE Flange 3/4” 6000 PSI x 2 High pressure series Rear Ports available for 32-40 cc
- SAE Flange 1” 6000 PSI x 2 High pressure series Rear Ports available for 50-63 cc