

---

## ***Intermot Hydraulic Motors IAM•HD Series***

---

### ***H6 Models***

---

***IAM•HD 2200 – 2500 – 3000 – 3500 H6  
IAM•HD 2200/C – 2500/C – 3000/C – 3500/C H6***

---

## ***INDEX***

|                                 |         |
|---------------------------------|---------|
| TECHNICAL DATA                  | Pag. 21 |
| IAM•HD 2200–2500–3000–3500      | Pag. 22 |
| IAM•HD 2200/C – 2500/C – 3000/C |         |
| 3500/C H6                       | Pag. 23 |
| ORDERING INSTRUCTIONS           | Pag. 24 |
| PERFORMANCE CURVES              | Pag. 25 |

## IAM•HD H6

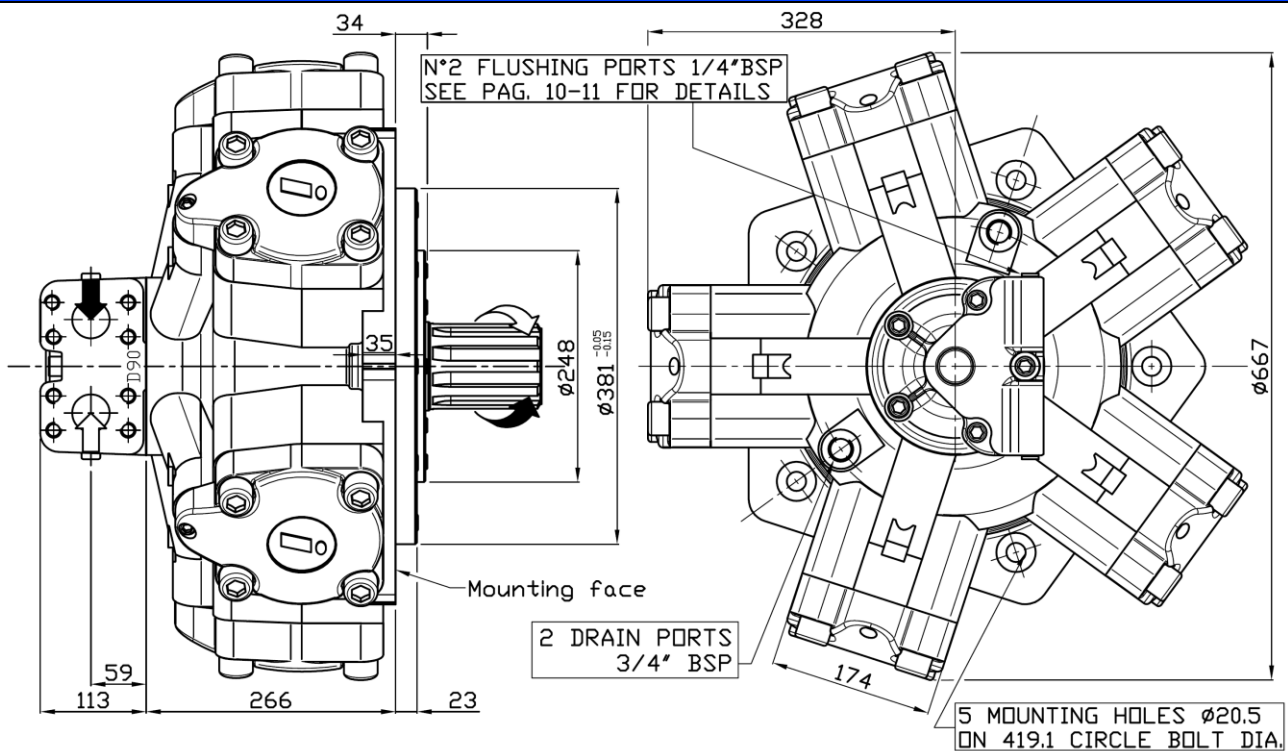
### Technical data

| MODEL     |      | N° of pistons | Displacement         | Specific Torque | Pressure  |          |      | Speed     |      | Max Power | Dry Mass | Max case pressure | Max back pressure | Temperature range |
|-----------|------|---------------|----------------------|-----------------|-----------|----------|------|-----------|------|-----------|----------|-------------------|-------------------|-------------------|
|           |      |               |                      |                 | Max Cont. | Max Int. | Peak | Max Cont. | Peak |           |          |                   |                   |                   |
|           |      |               | cm <sup>3</sup> /rev | Nm/bar          | bar       |          |      | rpm       |      | kW        | kg       | bar               | bar               | °C                |
| IAM•HD H6 | 2200 | 5             | 2126                 | 35.1            | 270       | 320      | 350  | 325       | 375  | 235       | 308      | 6                 | 70                | -30 ÷ +70         |
|           | 2500 |               | 2525                 | 40.2            | 270       | 320      | 350  | 285       | 325  | 235       |          |                   |                   |                   |
|           | 3000 |               | 2983                 | 47.5            | 270       | 320      | 350  | 235       | 270  | 235       |          |                   |                   |                   |
|           | 3500 |               | 3479                 | 55.4            | 270       | 320      | 350  | 210       | 240  | 235       |          |                   |                   |                   |

# IAM•HD H6

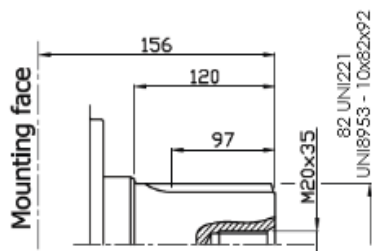
## Dimensional drawings

### IAM•HD 2200 – 2500 – 3000 – 3500 H6

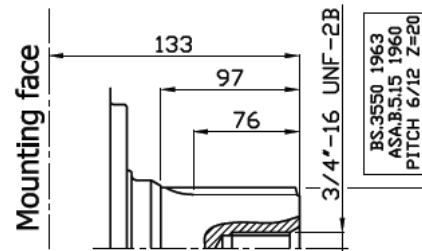


### SHAFTS

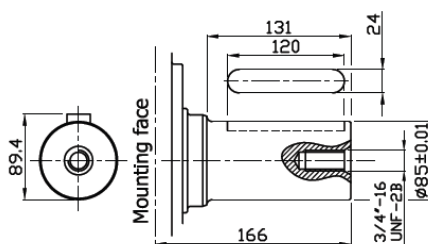
A0: Standard splined shaft



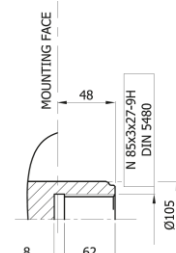
A1: Splined shaft on request



A2: Parallel shaft on request



A3: Internal splined shaft

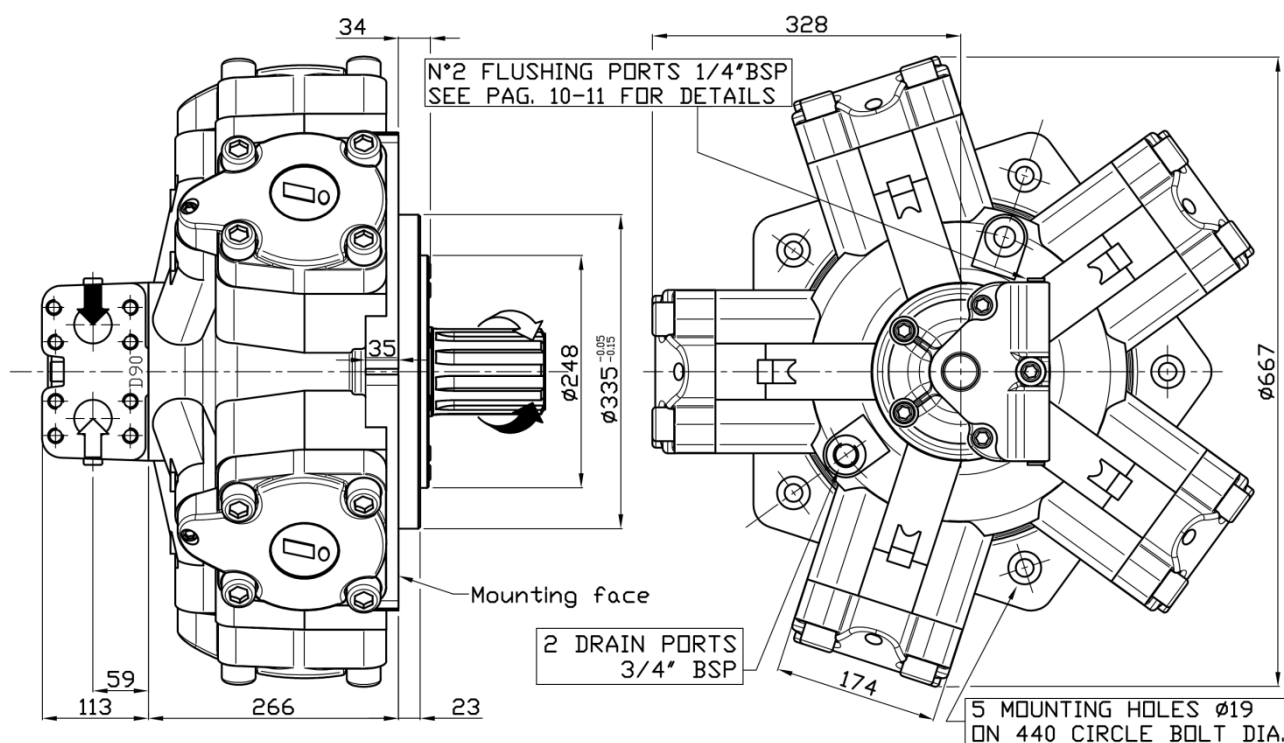


The data specified into this catalogue are for product description purpose only and must not be interpreted as warranted characteristic in legal sense. Intermot reserves the right to implement modification without notice.

# IAM•HD H6

## Dimensional drawings

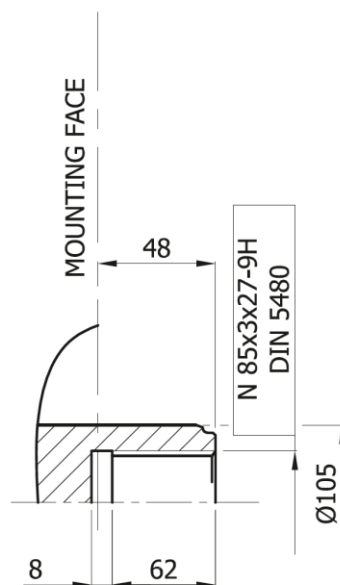
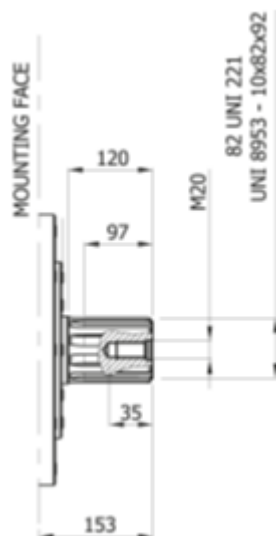
### IAM•HD 2200/C – 2500/C – 3000/C – 3500/C H6



#### SHAFTS

A0: Standard splined shaft

A3: Internal splined shaft



## ***IAM•HD H6***

### ***Ordering instructions***

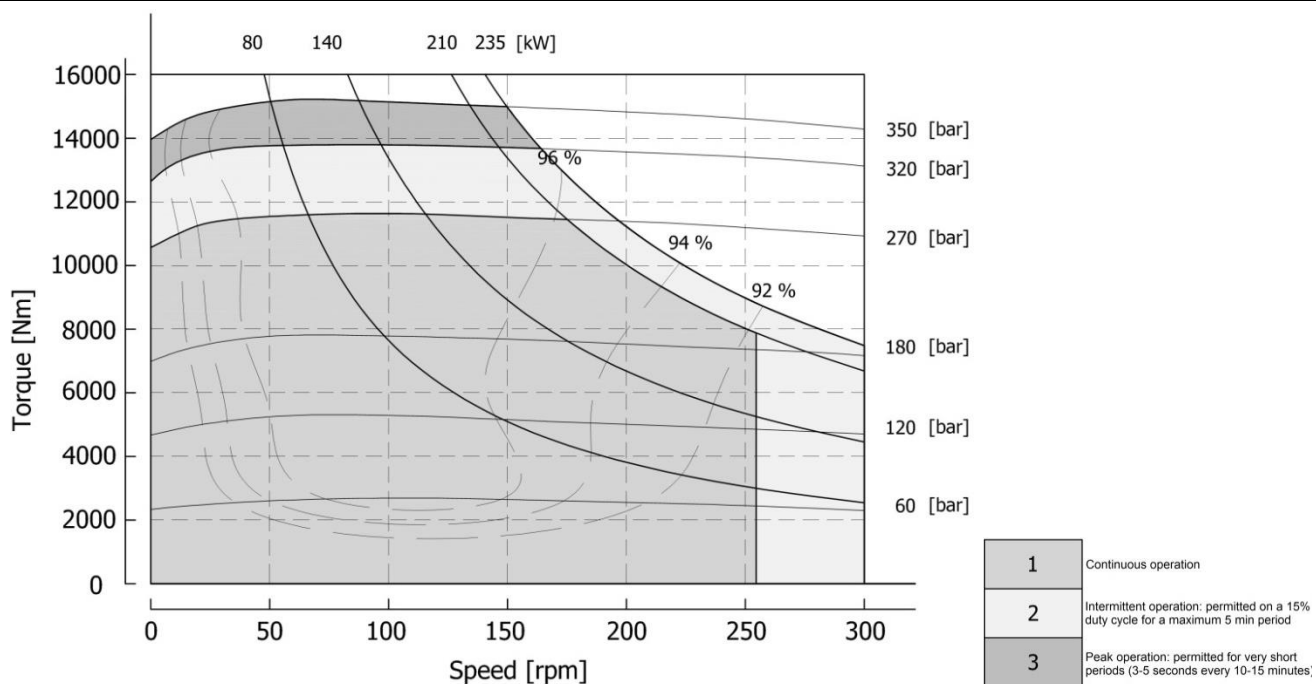
| IAM•HD                         | — — — — | I _ | H6 | A _ | D _ _ | SB _ |
|--------------------------------|---------|-----|----|-----|-------|------|
| Model                          |         |     |    |     |       |      |
| Displacement                   |         |     |    |     |       |      |
| 2200 cc/rev                    |         |     |    |     |       |      |
| 2500 cc/rev                    |         |     |    |     |       |      |
| 3000 cc/rev                    |         |     |    |     |       |      |
| 3500cc/rev                     |         |     |    |     |       |      |
| Interchangeability             |         |     |    |     |       |      |
| /C                             |         |     |    |     |       |      |
| Housing                        |         |     |    |     |       |      |
| Shaft                          |         |     |    |     |       |      |
| A0 – Standard splined shaft    |         |     |    |     |       |      |
| A1 – Special splined shaft     |         |     |    |     |       |      |
| A2 – Parallel keyed shaft      |         |     |    |     |       |      |
| A3 – Internal splined shaft    |         |     |    |     |       |      |
| Distributor                    |         |     |    |     |       |      |
| D90 – SAE 1 ½ “6000 psi flange |         |     |    |     |       |      |
| Spline billet                  |         |     |    |     |       |      |
| SB9 – 82 UNI 221               |         |     |    |     |       |      |
| SB10 – BS 3550 20 T 6/12       |         |     |    |     |       |      |

**EXAMPLE: IAM•HD 3000 H6 A0 D90**

## IAM•HD H6

### Performance Curves

#### IAM•HD 2800 H6



#### IAM•HD 3000 H6

