

---

## ***Intermot Hydraulic Motors***

### ***IAM+ Series***

---

### ***H7 Model***

---

***IAM+3900 – 4300 – 4600 – 5000 – 5400 H7***

---

## ***INDEX***

TECHNICAL DATA	Pag. 68
IAM+ 3900 - 4300 - 4600	
5000 - 5400 H7	Pag. 69
GRAPHIC PERFORMANCES	Pag. 70
ORDERING INSTRUCTIONS	Pag. 75

## IAM+ H7

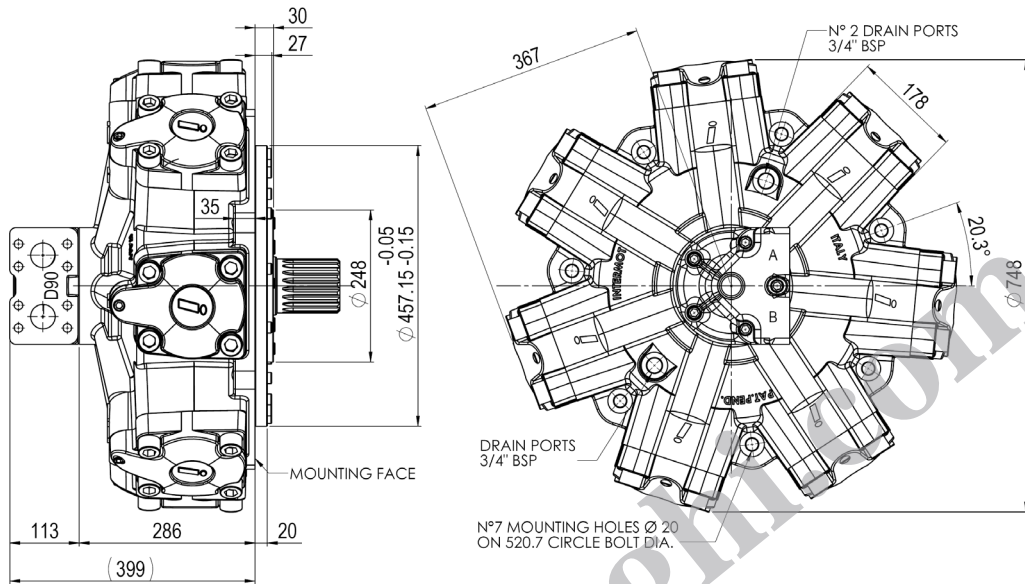
### Technical data

MODEL		N° of pistons	Displacement	Specific Torque	Pressure			Speed		Max Power		Dry Mass	Max case pressure	Max back pressure	Temperature range	Minimum speed	Inertia moment of rotating parts
					Max Cont.	Max Int.	Peak	Max Cont.	Peak								
			cm <sup>3</sup> /rev	Nm/bar	bar			rpm		hp	kW	kg	bar	bar	°C	rpm	kg cm <sup>2</sup>
IAM+ H7	3900	7	3909	62.2	300	350	400	160	200	290	216	405	6	70	- 30 + 70	0.5	4064
	4300		4345	69.2	300	350	400	150	190	290	216	405					
	4600		4618	73.5	300	350	400	140	190	290	216	405					
	5000		5092	81.0	300	350	400	140	180	290	216	405					
	5400		5387	85.7	300	350	400	130	170	290	216	405					

# IAM+ H7

## Dimensional drawings

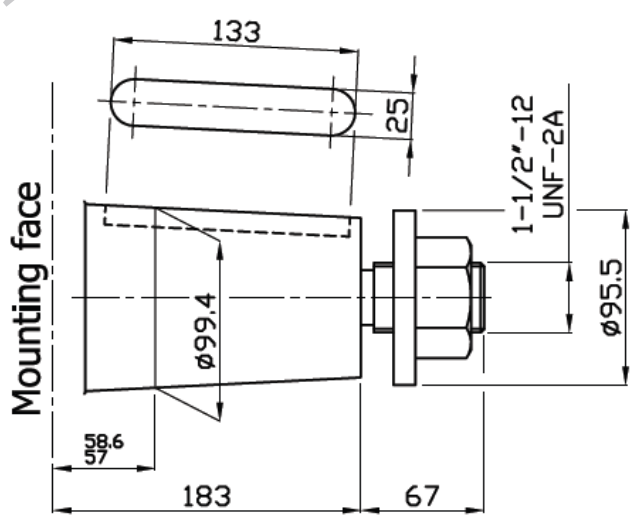
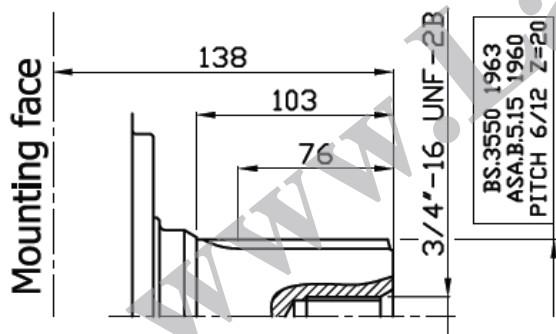
### IAM+ 3900 – 4300 – 4600 – 5000 – 5400 H7



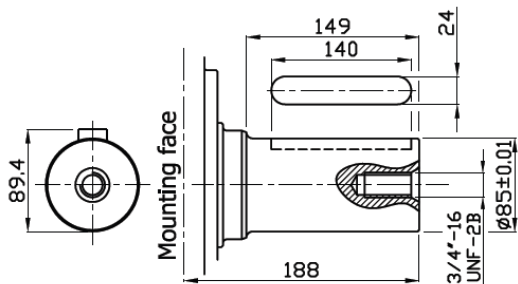
#### SHAFTS

A1: Standard splined shaft

A4: Taper shaft on request

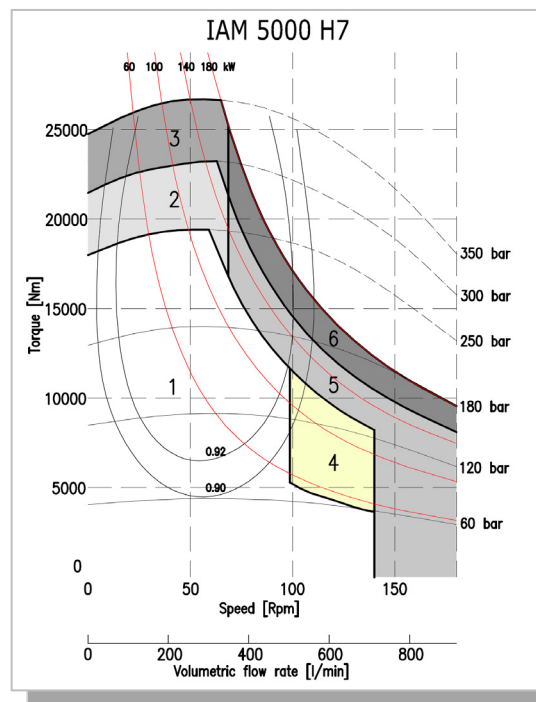
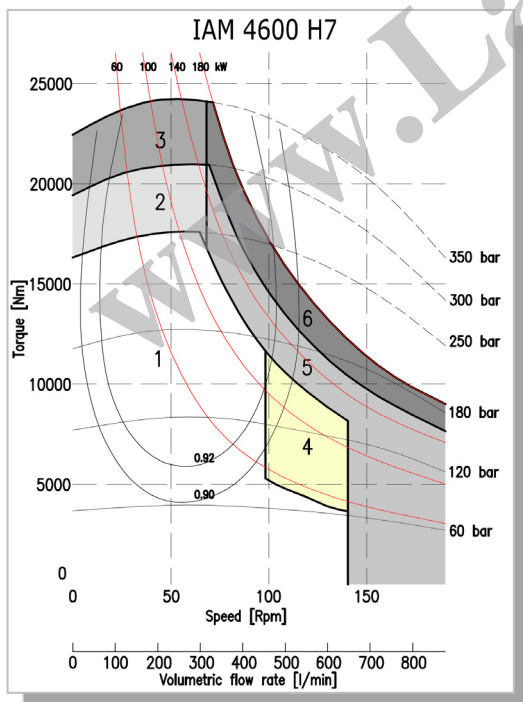
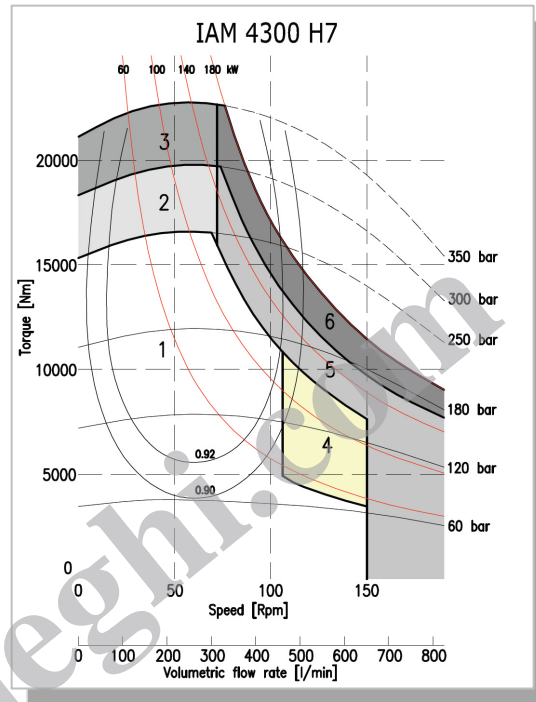
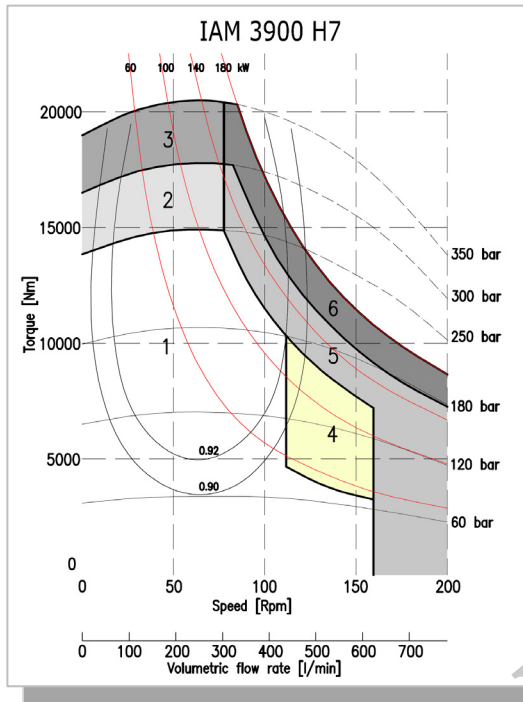


A2: Parallel shaft on request



# IAM+ H7

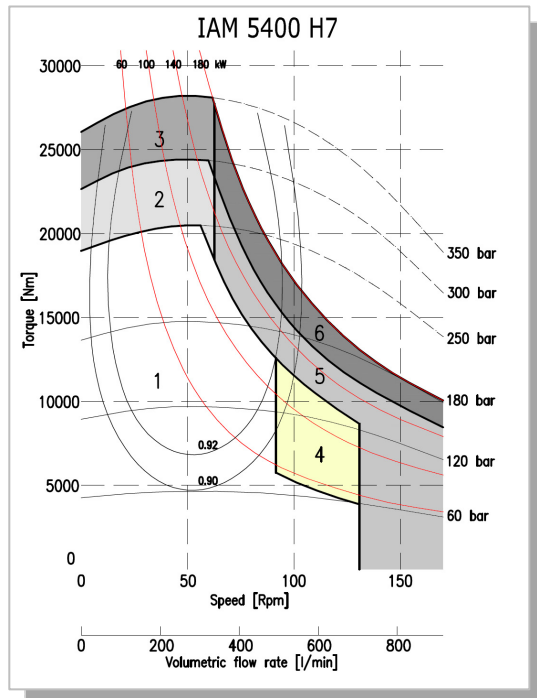
## Power charts



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. 70

# IAM+ H7

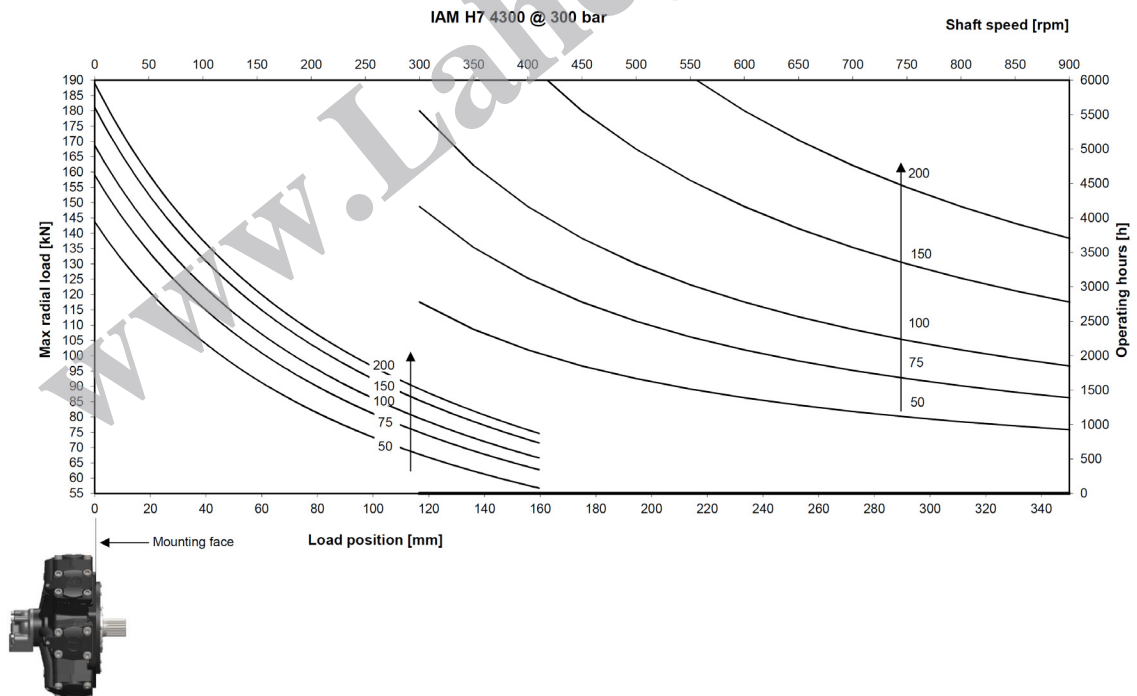
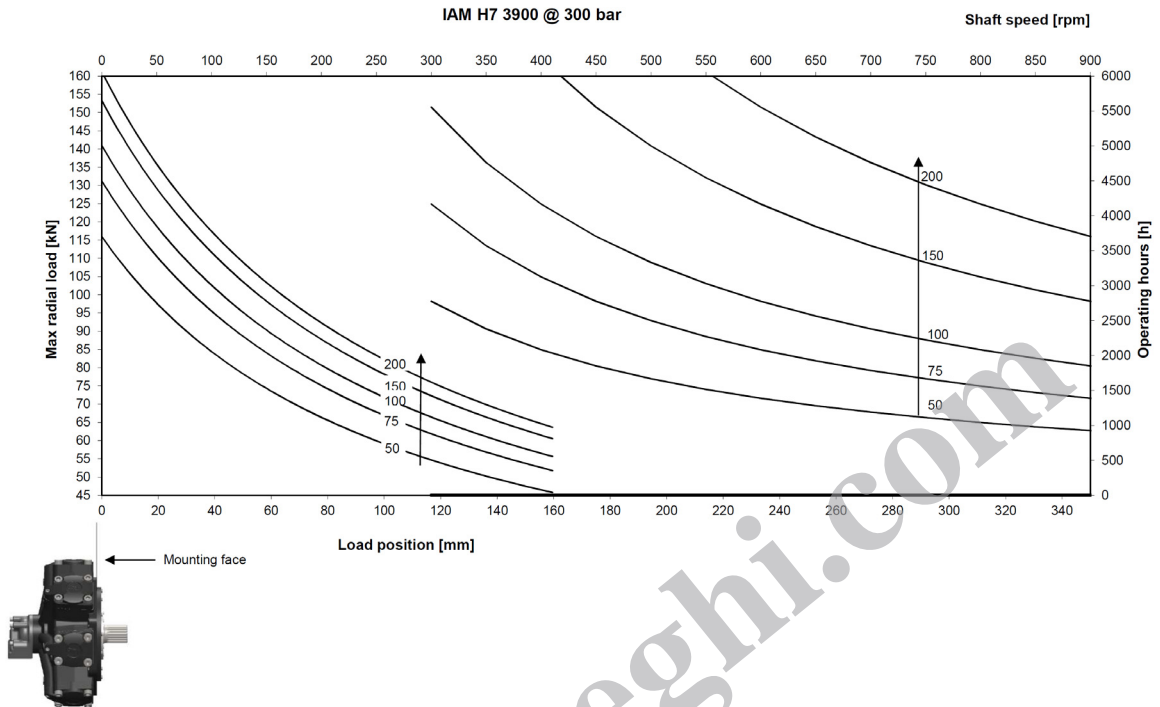
## Power charts



1	Continuous operation
2	Intermittent operation for period 3-5 minutes every 10-15 minutes
3	Intermittent operation for very short period (3-5 seconds every 10-15 minutes)
4	Continuous operation with flushing
5	Intermittent operation for period 3-5 minutes every 10-15 minutes with flushing
6	Intermittent operation for very short period (3-5 seconds every 10-15 minutes) with flushing

# IAM+ H7

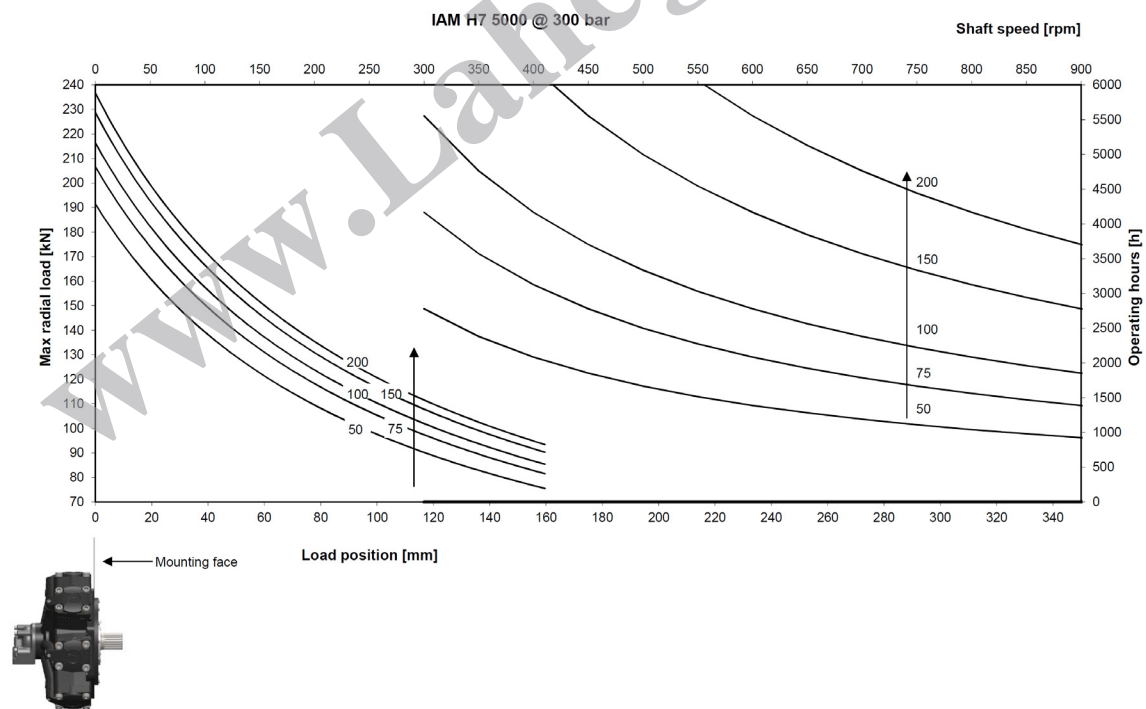
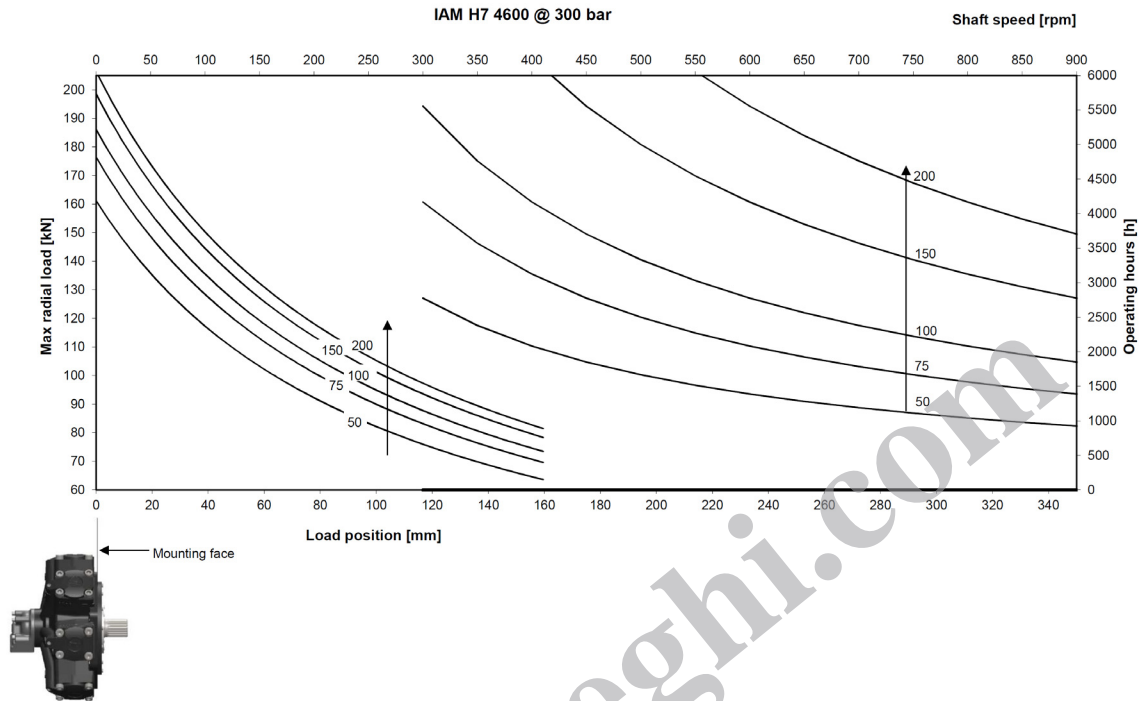
## Side load charts



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. 72

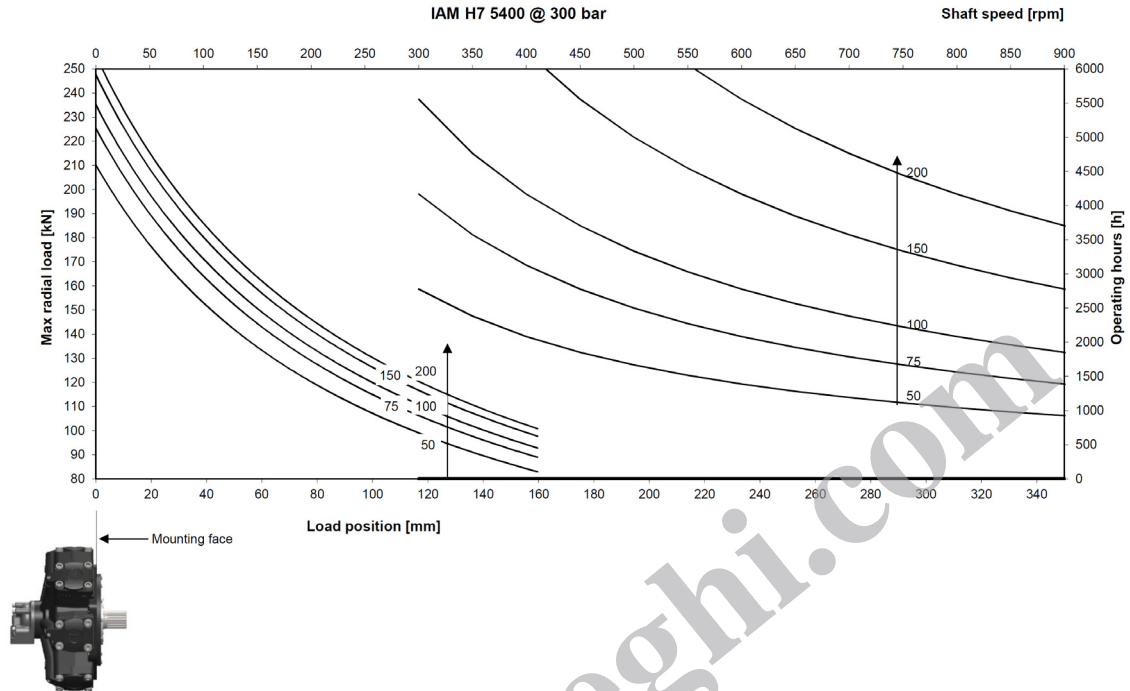
# IAM+ H7

## Side load charts



# IAM+ H7

## Side load charts





# IAM+ H7

## Ordering instructions

IAM+	---	H7	A _	D _	--	SB _
<b>Model</b>						
<b>Displacement</b>						
3900 cc/rev						
4300 cc/rev						
4600 cc/rev						
5000 cc/rev						
5400 cc/rev						
<b>Housing</b>						
<b>Shaft</b>						
A1 – Standard splined shaft						
A2 – Parallel keyed shaft						
A4 – Tapered shaft						
<b>Distributor</b>						
D90 – SAE 1 ½ “ 6000 psi flange						
<b>Tachometer</b>						
K						
TA						
TB						
EST						
<b>Spline billet</b>						
SB10 – BS 3550 20 T 6/12						
SB11 – 102 UNI 222						

**EXAMPLE : IAM+ 4300 H7 A1 D90**

**IAM+ 4600 H7 A1 D90 TB SB10**