
Intermot Hydraulic Motors

IAM+ Series

H6 Models

IAM+ 2200-2500-2800-3000-3200-3500 H6

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IAM+ H6

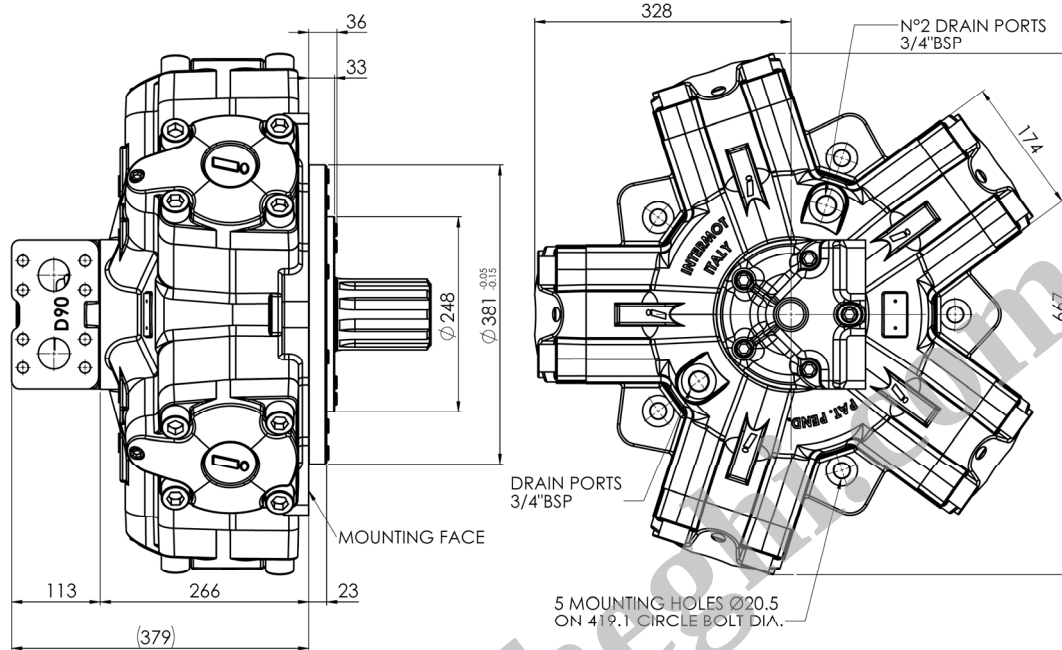
Technical data

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 ³ /rev	Nm/bar	bar			rpm		hp	kW	kg	bar	bar	°C	rpm	kg cm ²
IAM+ H6	2200	5	2207	35.1	300	350	400	220	260	286	213	308	6	70	- 30 ÷ +70	0.5	1745
	2500		2526	40.2	300	350	400	220	260	286	213	308					
	2800		2808	44.7	300	350	400	220	260	286	213	308					
	3000		2985	47.5	300	350	400	210	250	286	213	308					
	3200		3290	52.4	300	350	400	200	240	286	213	308					
	3500		3481	55.4	300	350	400	200	240	286	213	308					

IAM+ H6

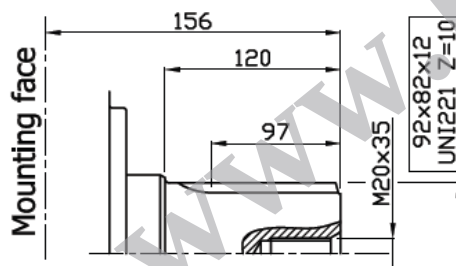
Dimensional drawings

IAM+ 2200 – 2500 – 2800 – 3000 – 3200 – 3500 H6

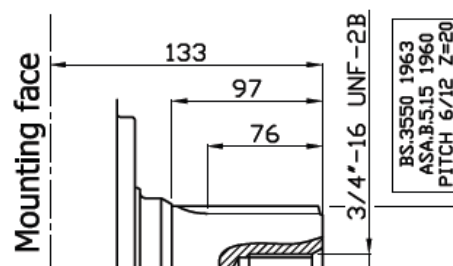


SHAFTS

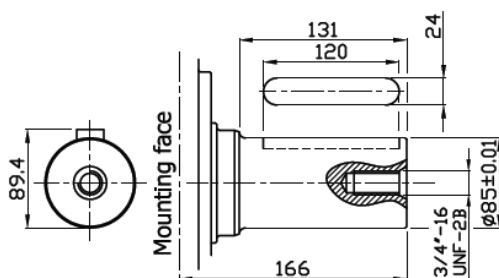
A0: Standard splined shaft



A1: Splined shaft on request

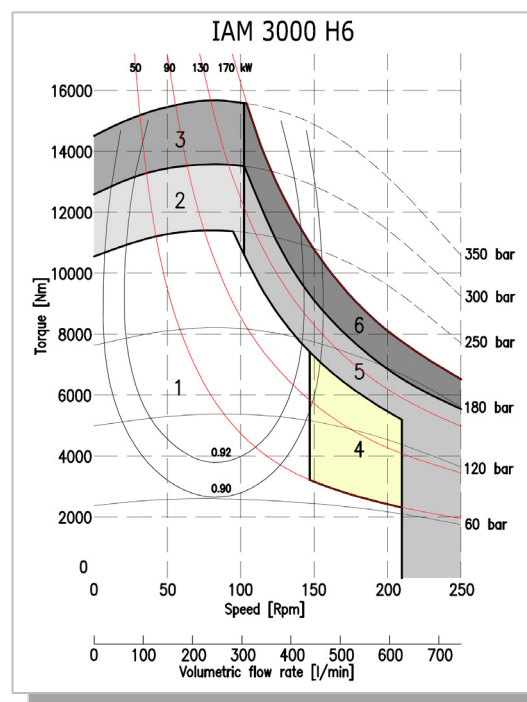
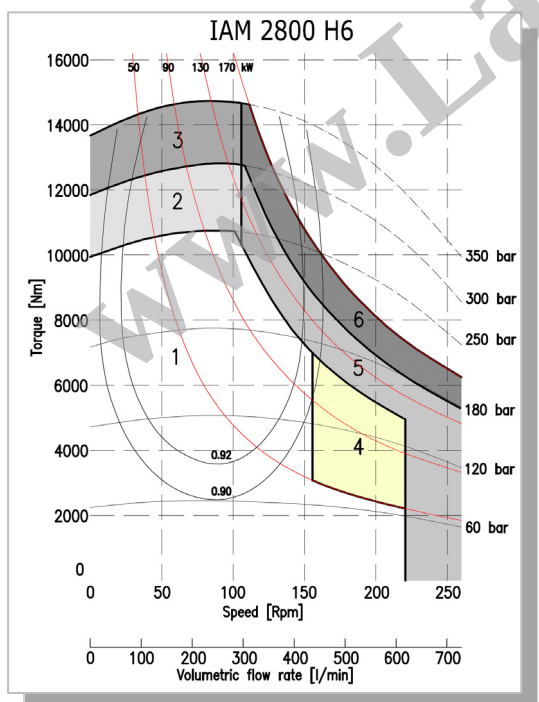
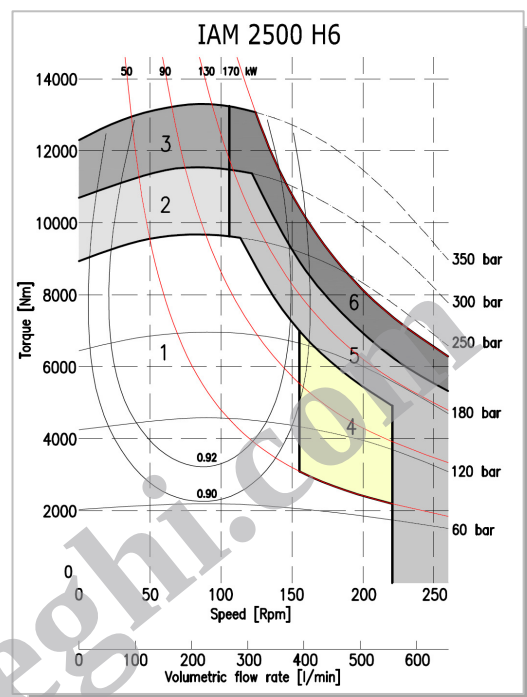
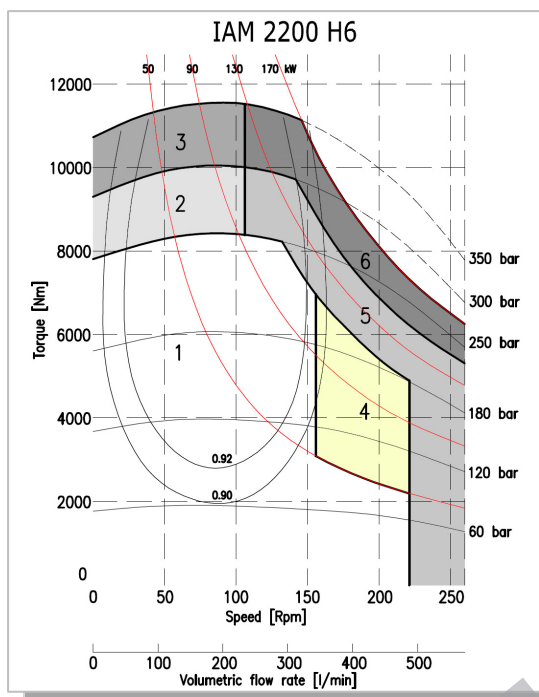


A2: Parallel shaft on request



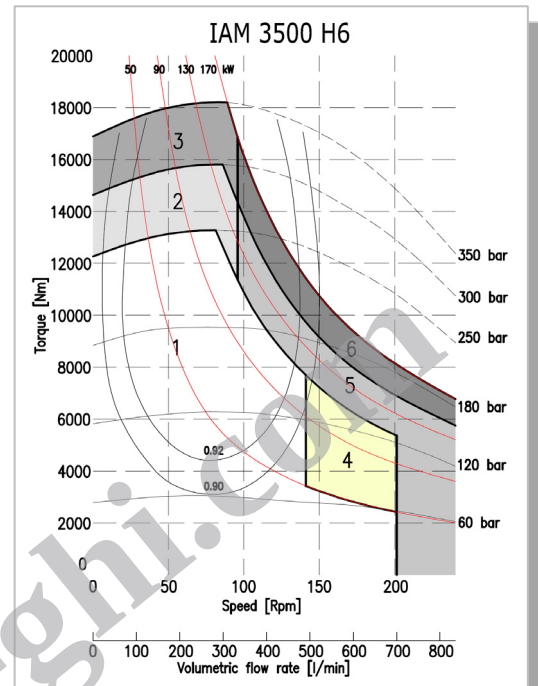
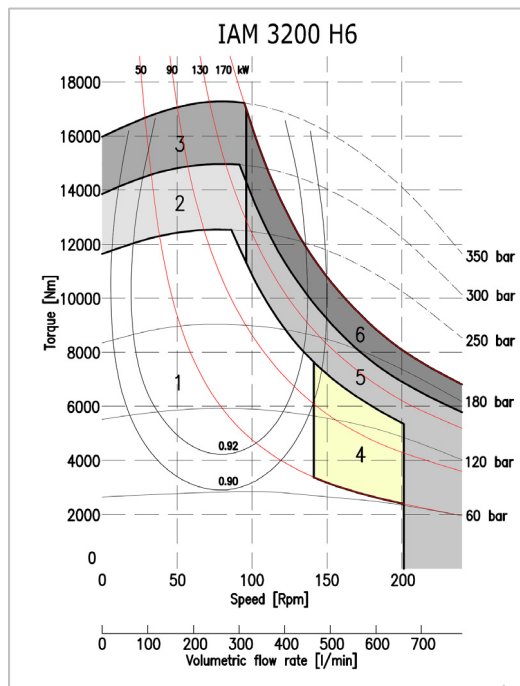
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Power charts



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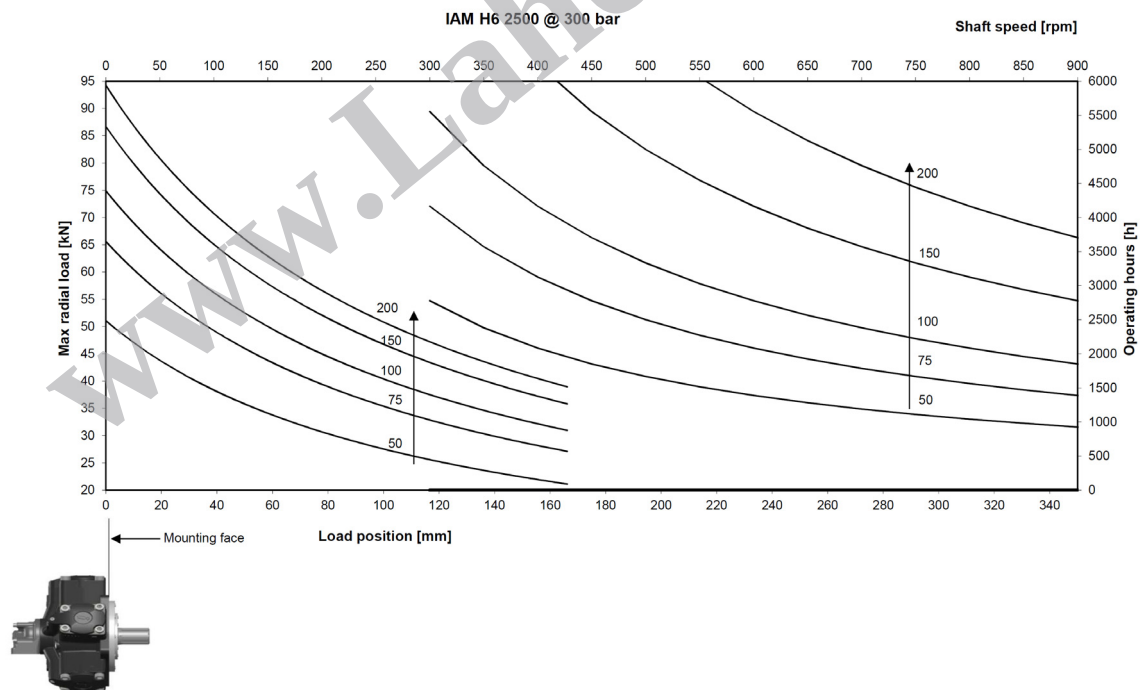
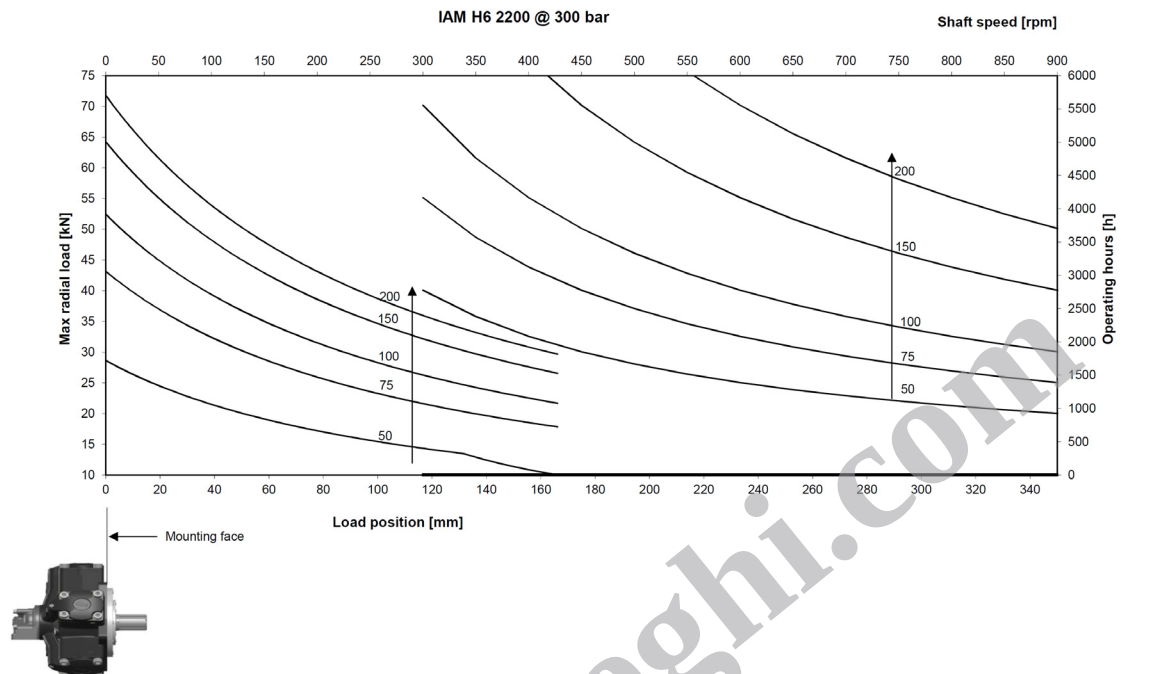
Power charts



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

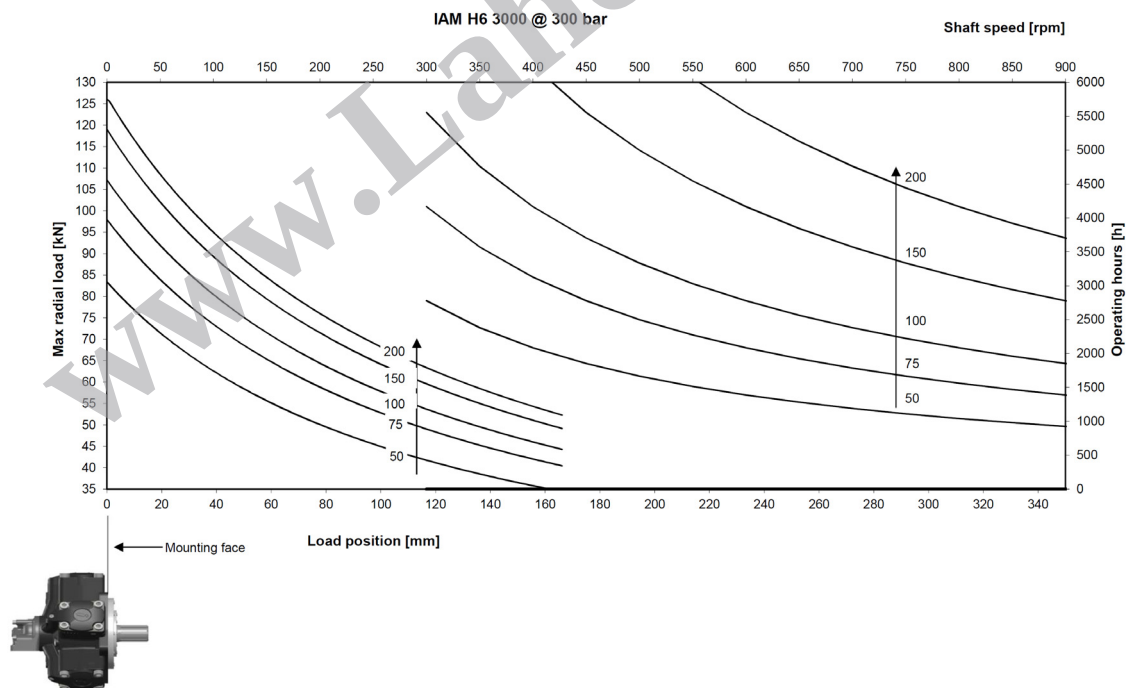
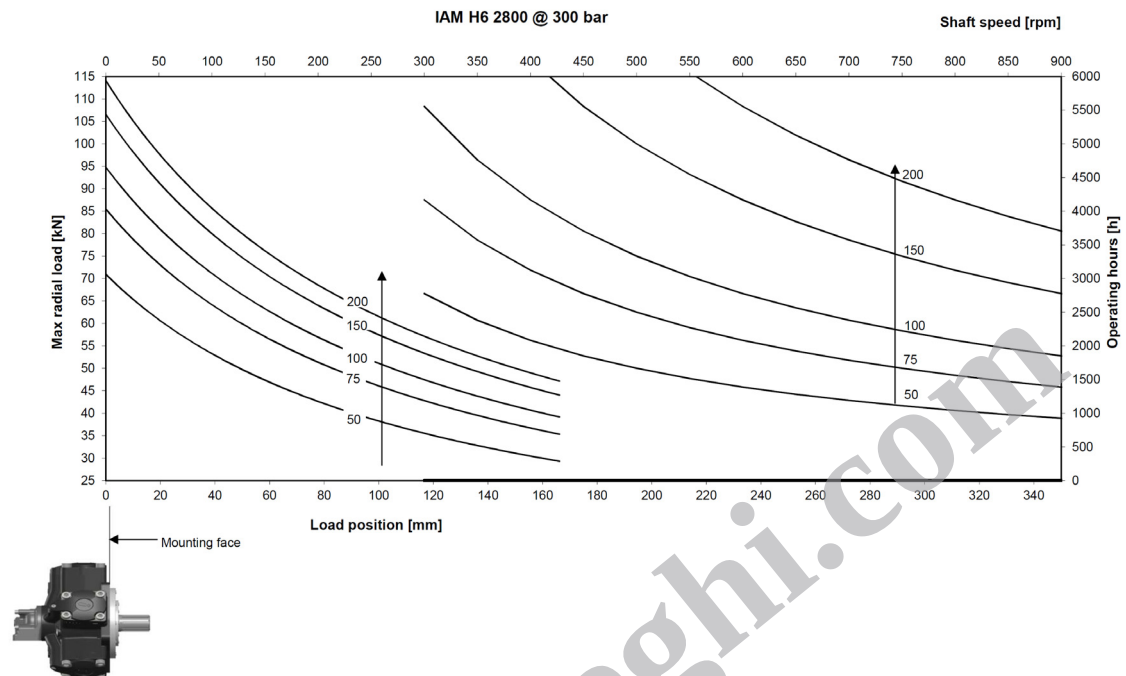
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Side load charts



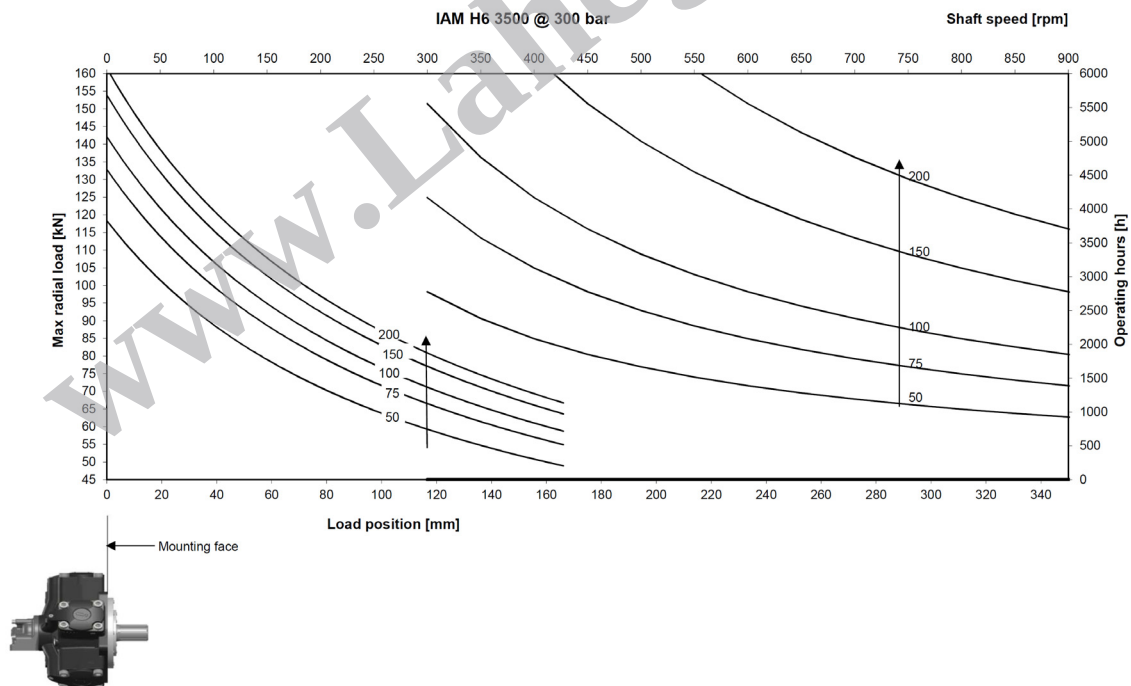
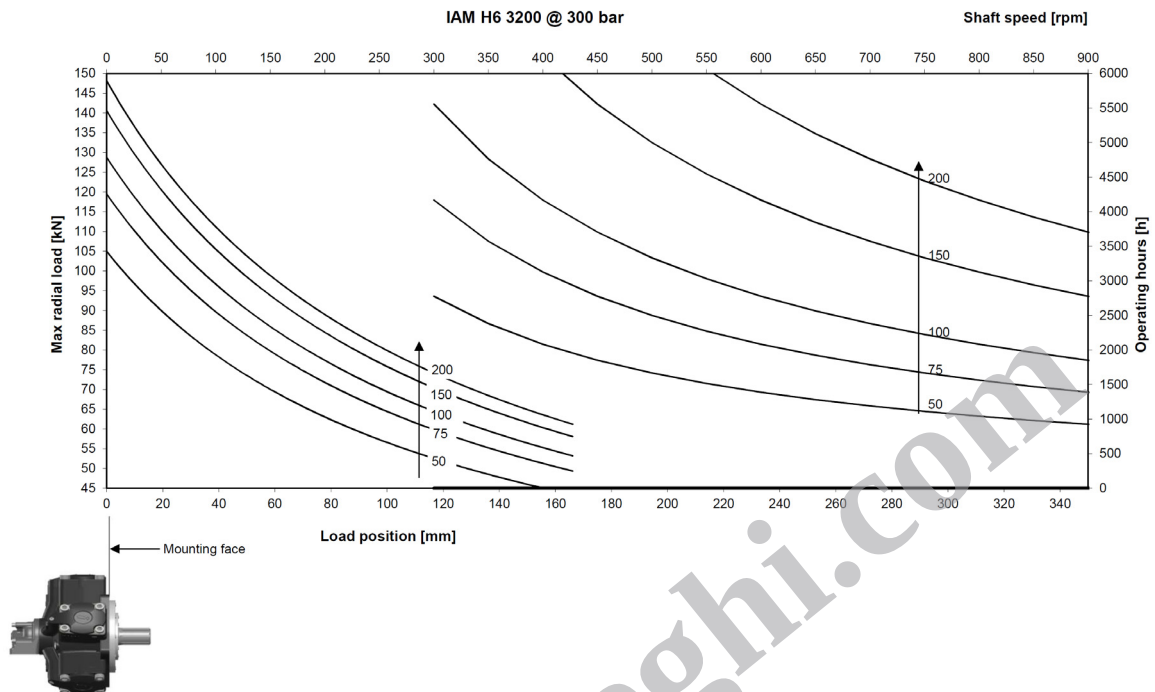
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Side load charts



IAM+ H6

Side load charts



IAM+ H6

Ordering instructions

IAM+	----	H6	A _	D _ _	--	SB _ _
Model						
Displacement						
2200 cc/rev						
2500 cc/rev						
3000 cc/rev						
3200 cc/rev						
3500 cc/rev						
Housing						
Shaft						
A0 – Standard splined shaft						
A1 – Splined shaft						
A2 – Parallel keyed shaft						
Distributor						
D90 – SAE 1 ½ “ 6000 psi flange						
Tachometer						
K						
TA						
TB						
EST						
Spline billet						
SB9 – 82 UNI 221						
SB10 – BS 3550 20 T 6/12						

EXAMPLE : IAM+ 3000 H6 A0 D90

IAM+ 3500 H6 A0 D90 EST SB9