

Intermot Hydraulic Motors IAM•HD Series

H7 Models

***IAM•HD 3900 – 4300 – 4600 – 5000 – 5400 H7
IAM•HD 3900/C – 4300/C – 4600/C – 5000/C – 5400/C H7***

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IAM•HD H7

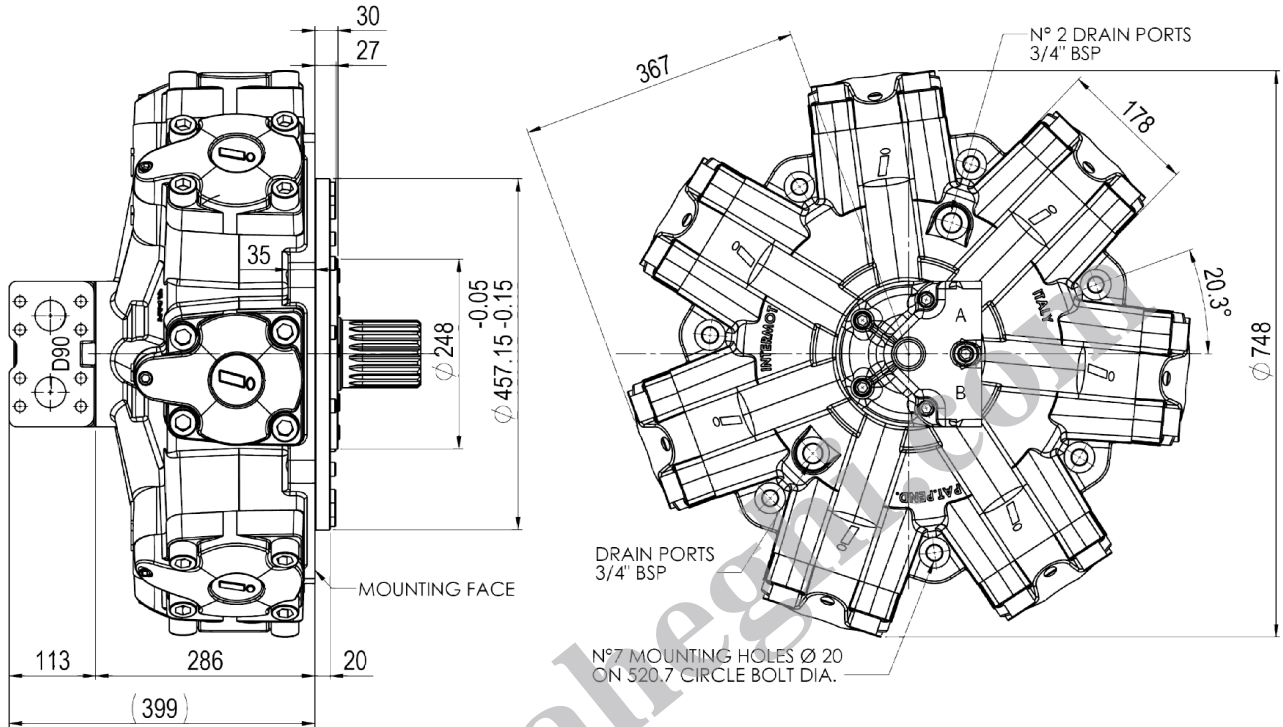
Technical data

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 ³ /rev	Nm/bar	bar			rpm		kW	kg	bar	bar	°C
IAM•HD H7	3900	7	3907	62.2	270	320	350	175	200	258	405	6	70	-30 ÷ +70
	4300		4343	69.1	270	320	350	160	185	258				
	4600		4616	73.5	270	320	350	150	170	258				
	5000		5088	81	270	320	350	140	160	258				
	5400		5384	85.7	270	320	350	130	150	258				

IAM•HD H7

Dimensional drawings

IAM•HD 3900 – 4300 – 4600 – 5000 – 5400 H7

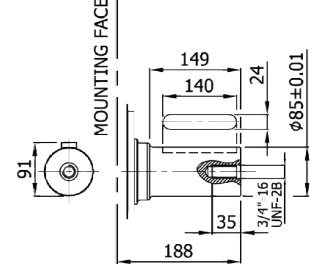
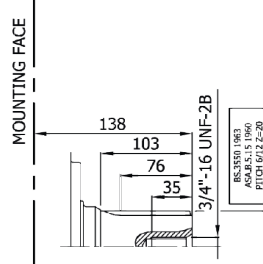
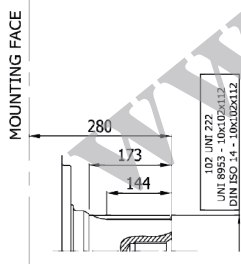


SHAFTS

A0: Standard splined shaft

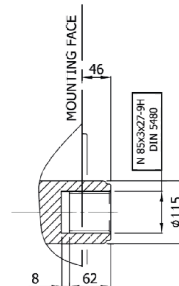
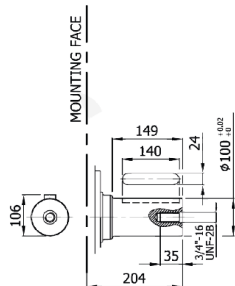
A1: Splined shaft on request

A2: Parallel shaft



A21: Parallel shaft on request

A3: Internal splined shaft

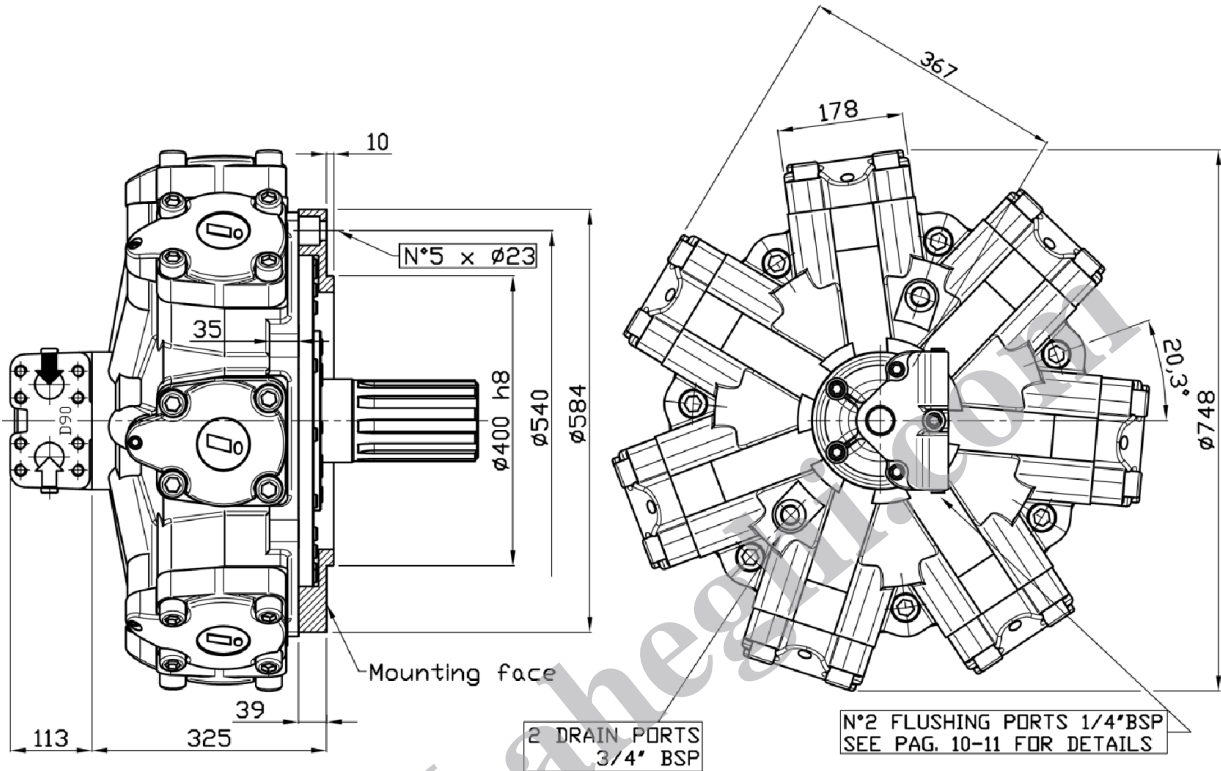


The data specified into this catalogue are for product description purpose only and must not be interpreted as warranted characteristic in legal sense. Intermot reserves the right to implement modification without notice.

IAM•HD H7

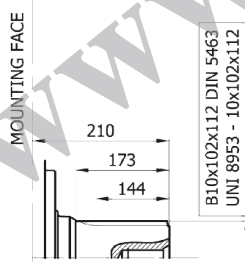
Dimensional drawings

IAM•HD 3900/C – 4300/C – 4600/C – 5000/C – 5400/C H7

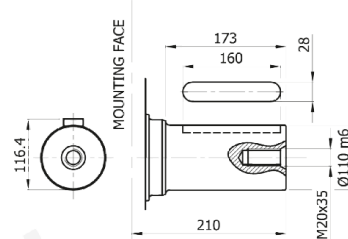


SHAFTS

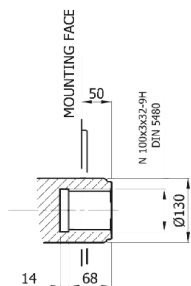
A0: Standard splined shaft



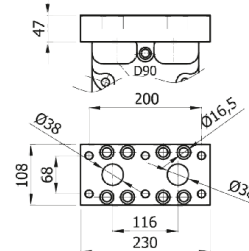
A2: Parallel shaft



A3: Internal Splined shaft



Option FL8



IAM•HD H7

Ordering instructions

IAM•HD	_ _ _ _	/ _	H7	A _	D _ _	SB _
Model						
	Displacement					
	3900 cc/rev					
	4300 cc/rev					
	4600 cc/rev					
	5000cc/rev					
	5400 cc/rev					
	Interchangeability					
	/C					
		Housing				
			Shaft			
	A0 – Standard splined shaft					
	A1 – Special splined shaft					
	A2 – Parallel keyed shaft					
	A21 – Parallel shaft on request					
	A3 – Internal splined shaft					
				Distributor		
	D90 – SAE 1 ½ “ 6000 psi flange					
					Spline billet	
	SB10 – BS 3550 20 T 6/12					
	SB11 – 102 UNI 222					

EXAMPLE: IAM•HD 4300 H7 A1 D90