
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

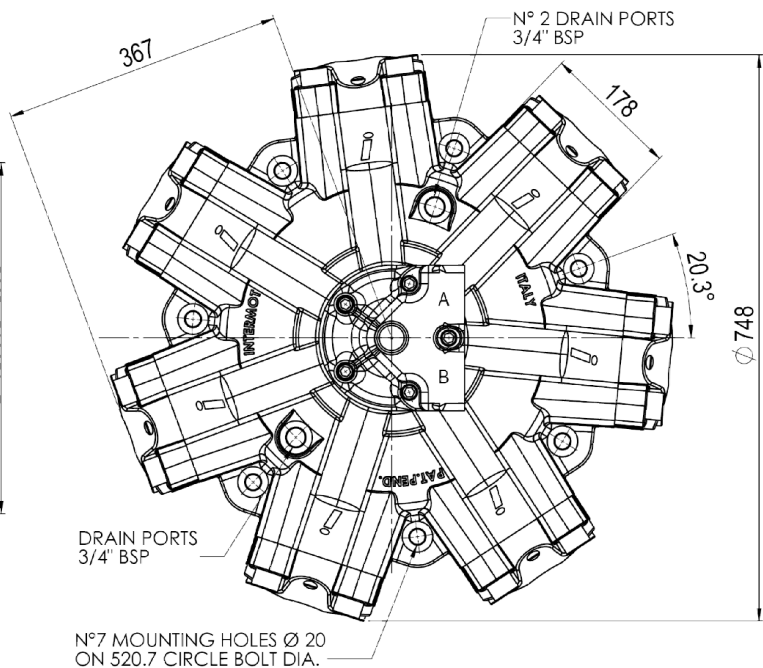
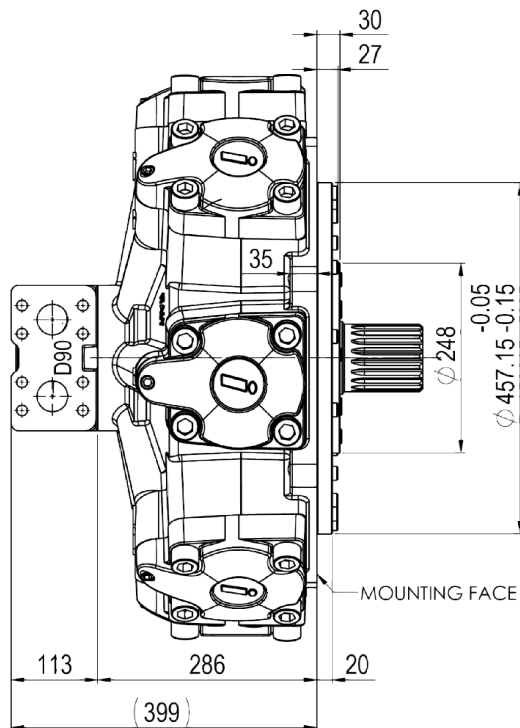
Technical data

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

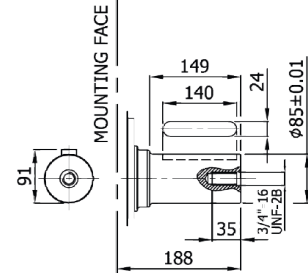
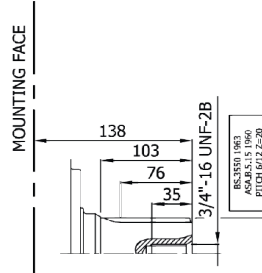
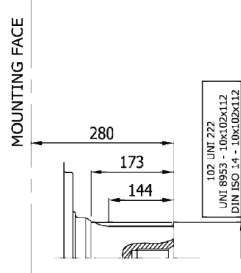


SHAFTS

A0: Standard splined shaft

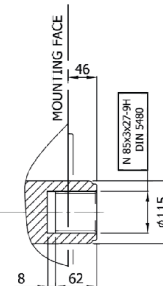
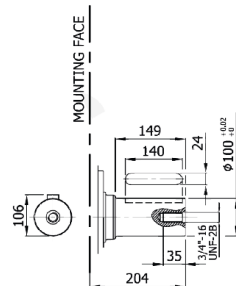
A1: Splined shaft on request

A2: Parallel shaft



A21: Parallel shaft on request

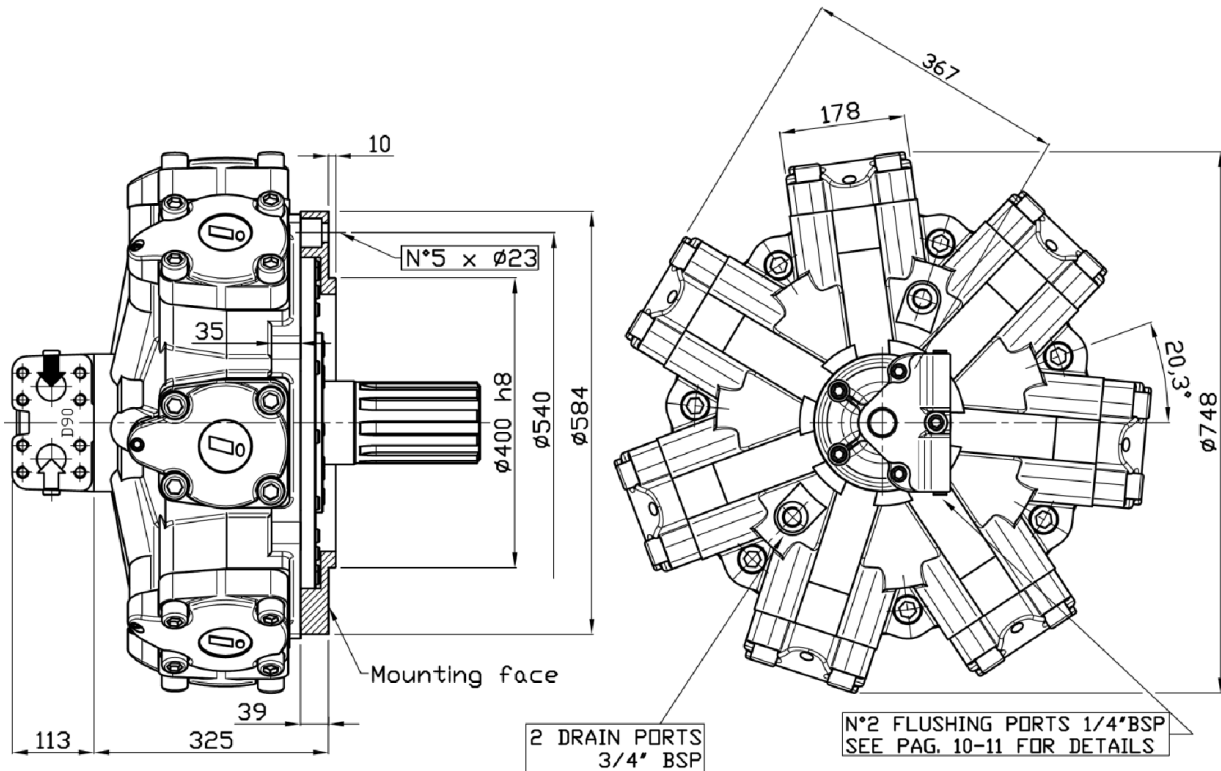
A3: Internal splined shaft



IAM•HD H7

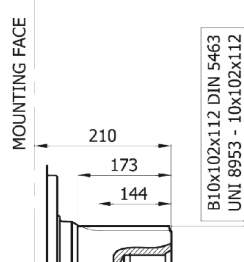
Dimensional drawings

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

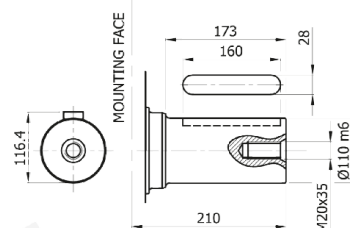


SHAFTS

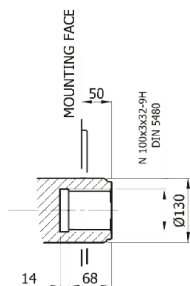
A0: Standard splined shaft



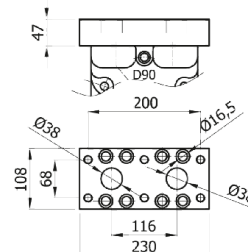
A2: Parallel shaft



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