
Intermot Hydraulic Motors IAM•HD Series

H4 Models

***IAM•HD 700 – 800 – 1000 H4
IAM•HD 700/C – 800/C H4***

INDEX

TECHNICAL DATA	Pag. 8
IAM•HD 700 – 800 – 1000 H4	Pag. 9
IAM•HD 700/C – 800/C H4	Pag. 10
ORDERING INSTRUCTIONS	Pag. 11

IAM•HD H4

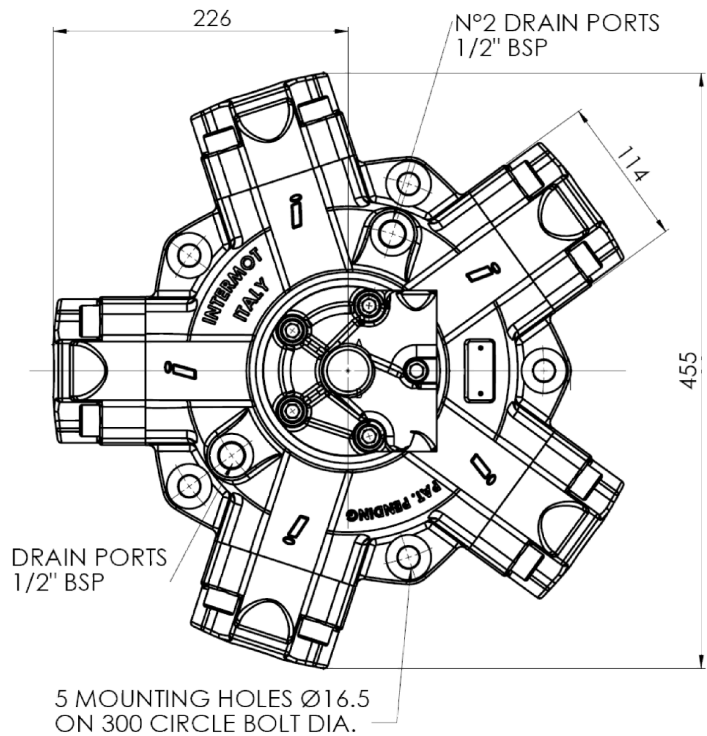
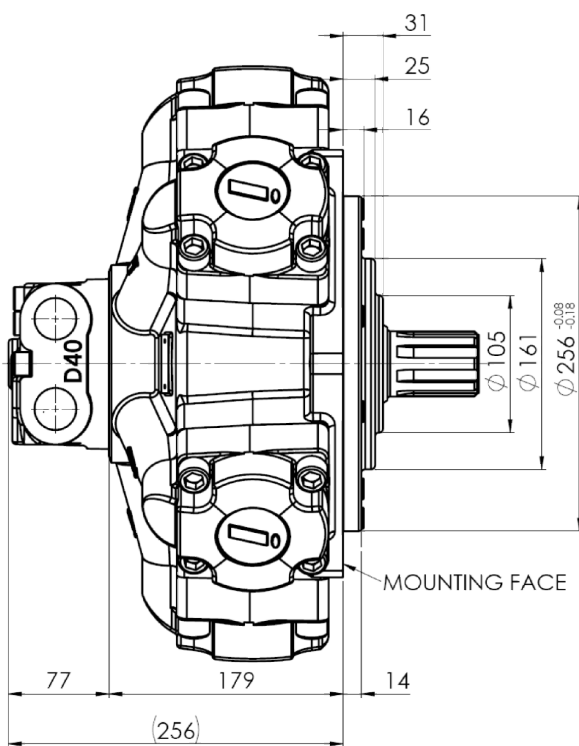
Technical data

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 H4	700	5	714	11.4	270	320	350	500	580	150	92	6	70	-30 ÷ +70
	800		792	12.6	270	320	350	450	520	150				
	1000		992	15.8	270	320	350	355	405	150				

IAM•HD H4

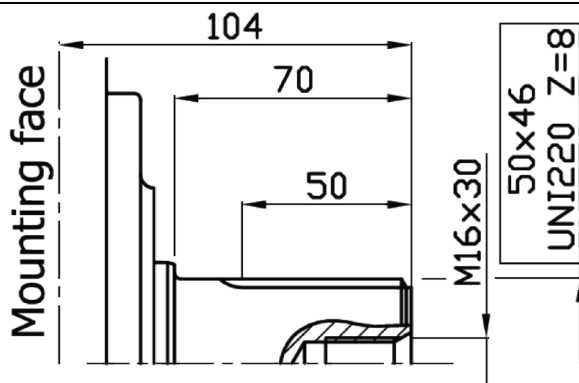
Dimensional drawings

IAM•HD 700 – 800 – 1000 H4

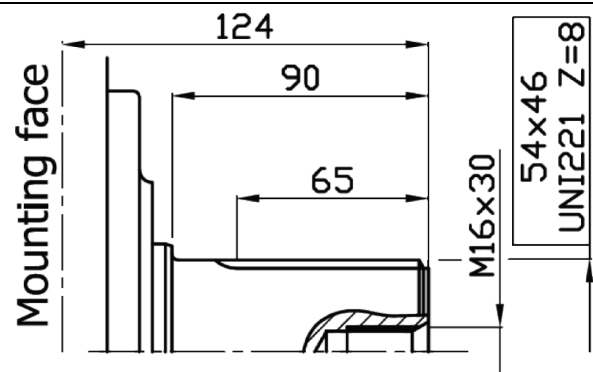


SHAFTS

A0: Standard splined shaft

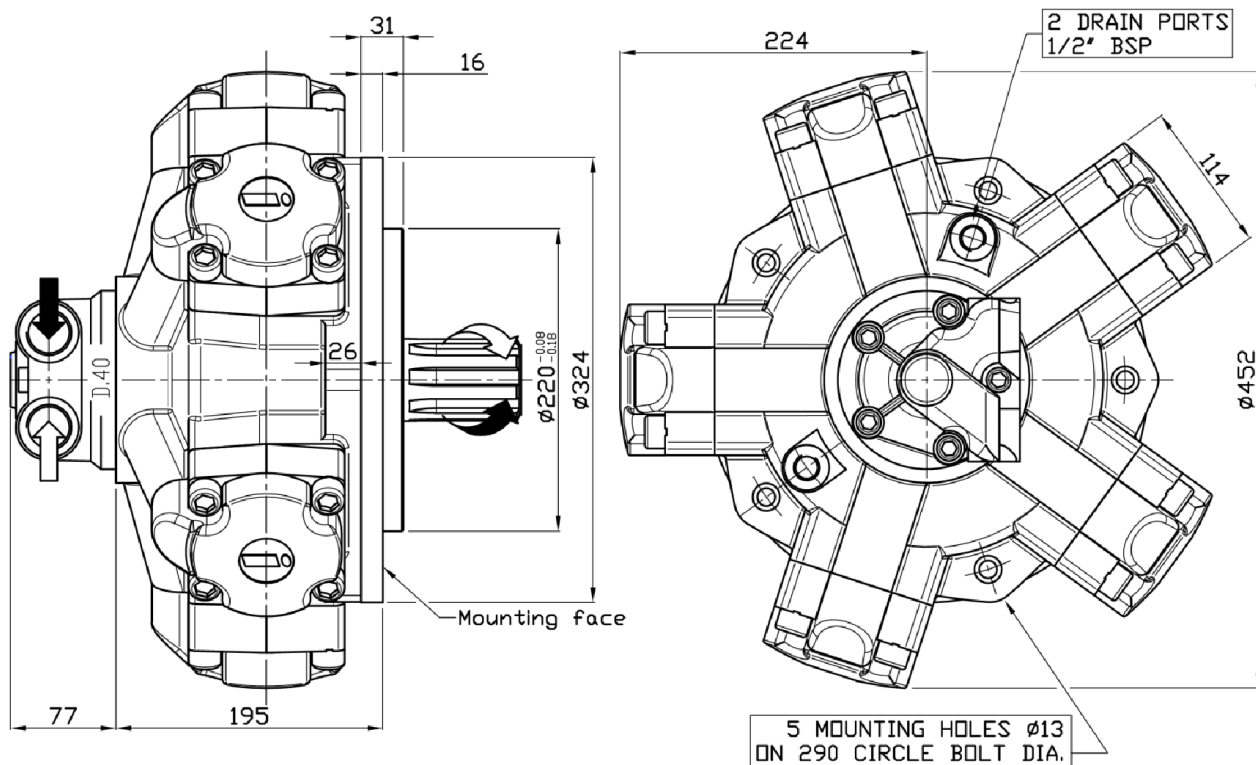


A1: Splined shaft on request



IAM•HD H4
Dimensional drawings

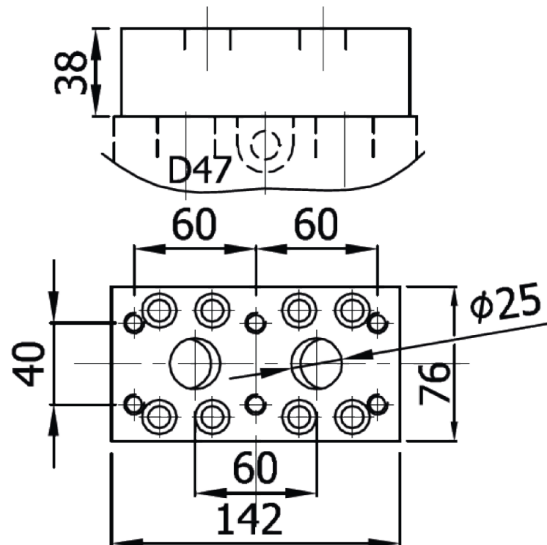
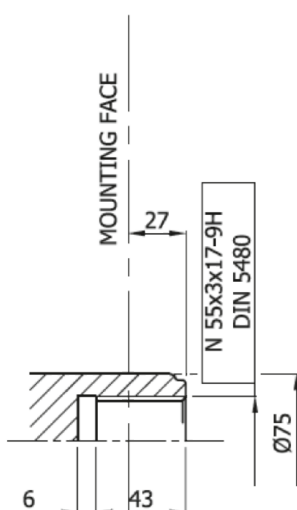
IAM•HD 700/C – 800/C H4



SHAFTS

A3: Internal splined shaft

Option FL2



IAM•HD H4

Ordering instructions

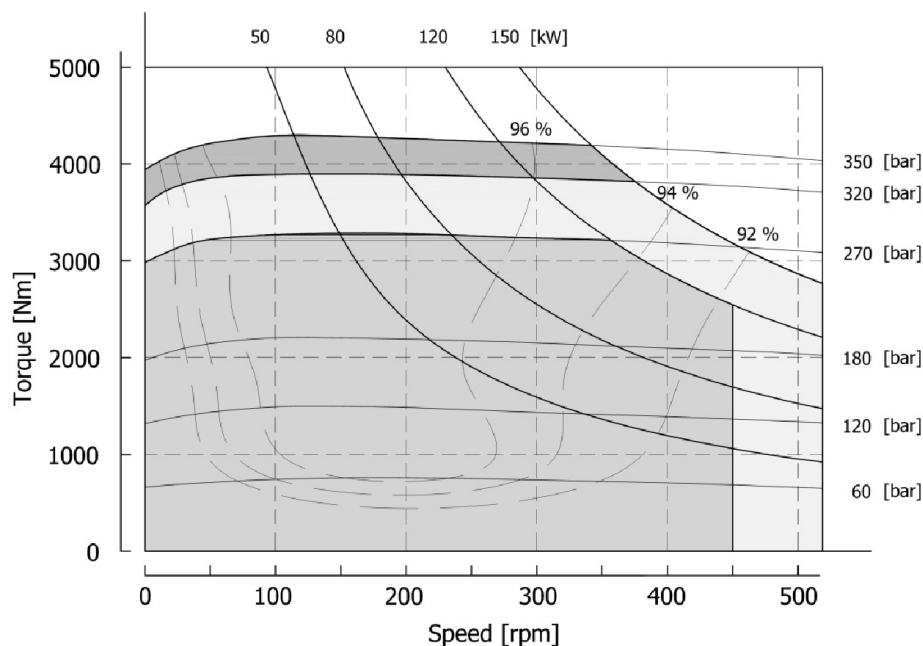
IAM•HD	_ _ _	/ _	H4	A _	D _ _	SB _
Model	Displacement 700 cc/rev 800 cc/rev 1000 cc/rev					
Interchangeability						
/C						
Housing				Shaft		
A0 – Standard splined shaft A1 – Special splined shaft A3 – Female shaft						
					Distributor	
						Spline billet
SB4 – 46 UNI 220 SB5 – 46 UNI 221						

EXAMPLE: IAM•HD 800 H4 A0 D40

IAM•HD H4

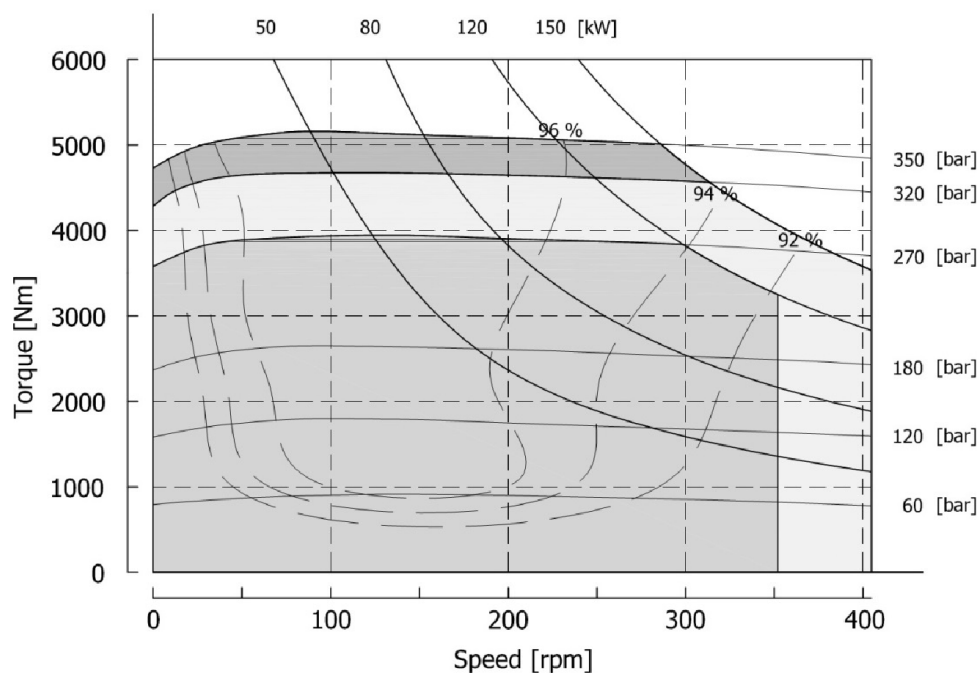
Performance Curves

IAM•HD 800 H4



1	Continuous operation
2	Intermittent operation: permitted on a 15% duty cycle for a maximum 5 min period
3	Peak operation: permitted for very short periods (3-5 seconds every 10-15 minutes)

IAM•HD 1000 H4



1	Continuous operation
2	Intermittent operation: permitted on a 15% duty cycle for a maximum 5 min period
3	Peak operation: permitted for very short periods (3-5 seconds every 10-15 minutes)