Italgroup®
HYDRAULIC MOTORS
ITALY

ITALGROUP - ADVANCED - MOTORS
IAM SERIES
H45 MODEL

IAM 1100-1400-1600 1800 H45

IAM 1100-1400/C H45

INDEX

TECHNICAL DATA H45

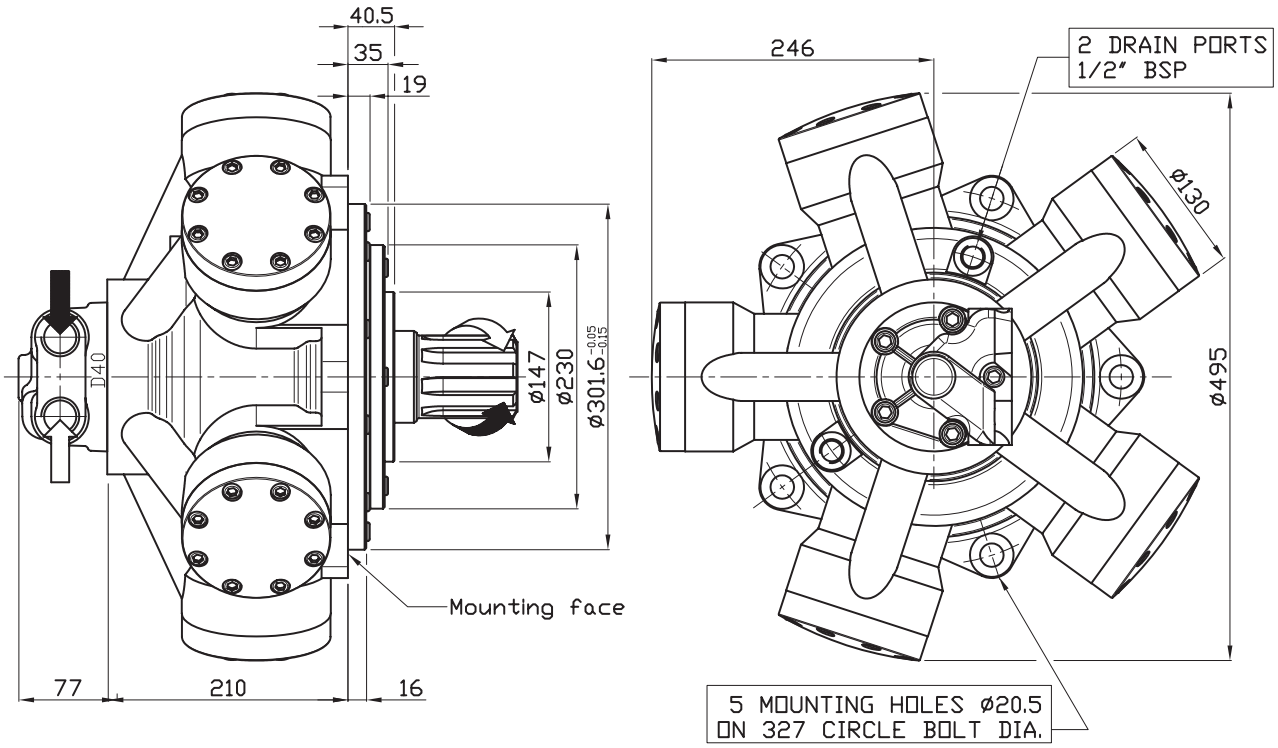
MODEL		IAM 1100 H45	IAM 1400 H45	IAM 1600 H45	IAM 1800 H45
Displacement	cc/rev	1183	1376	1648	1815
Specific Torque	Nm/bar	18.8	21.9	26.2	28.9
Max cont. Pressure	bar	250	250	250	250
Max int. Pressure	bar	300	300	300	300
Peak pressure	bar	350	350	350	350
Max continuous speed	rpm	350	300	275	250
Peak speed	rpm	400	350	325	300
Max continuous power	HP	116	116	116	116
	kW	85	85	85	85
Max power	HP	161	161	161	161
	kW	120	120	120	120

- N° of pistons: 5
- Max case pressure: 6 bar
- Max back pressure: 70 bar
- Dry weight: 118 kg
- Temperature range: -30°C ÷ +70°C
- Minimum speed: 0.5 rpm
- Flushing flow: 10 l/min

(*)for further details regarding flushing go to page 10 of this catalogue.

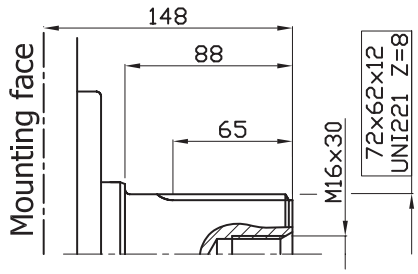
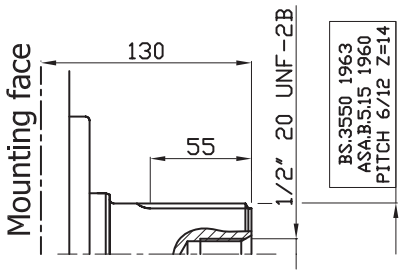
SIZE

IAM H45 1100-1400-1600-1800



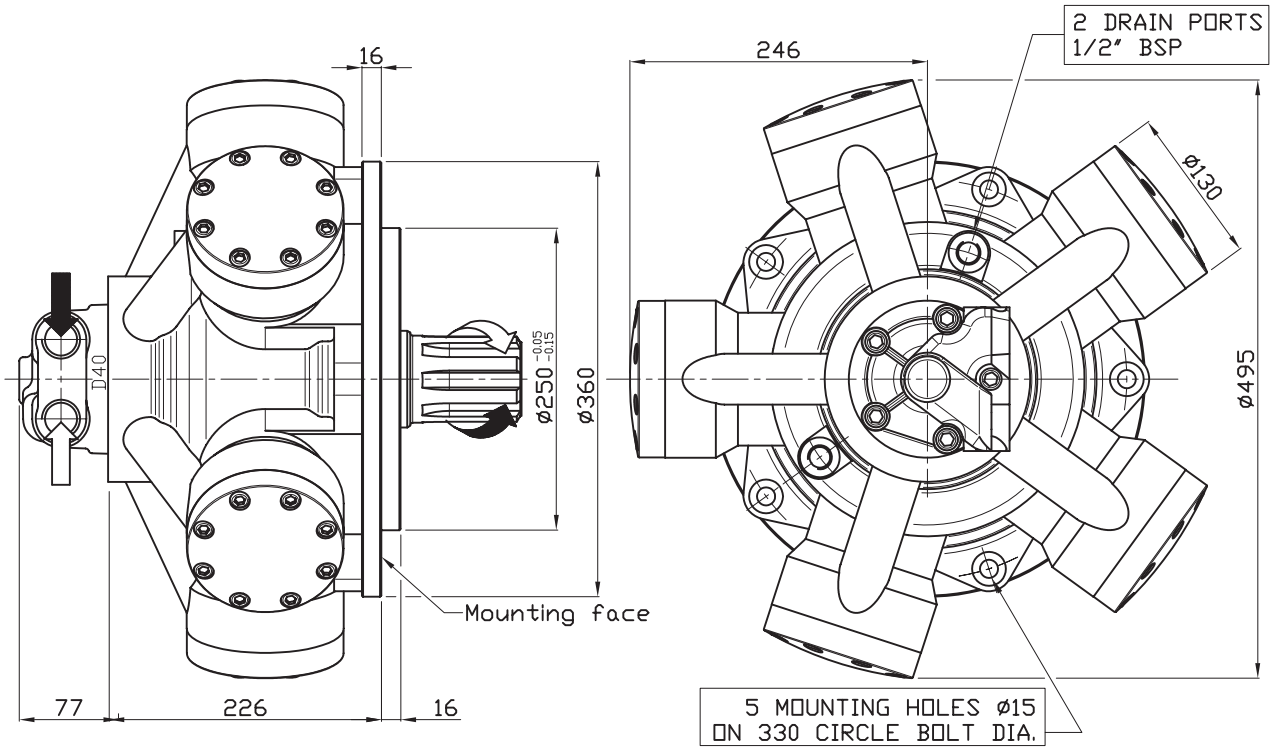
SHAFT

IAM H45 1100-1400-1600-1800

A0: Standard splined shaft	A1: Splined shaft on request
	

SIZE

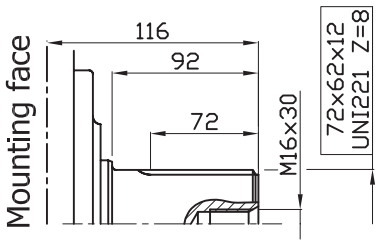
IAM H45 1100/C -1400/C



SHAFT & OPTION

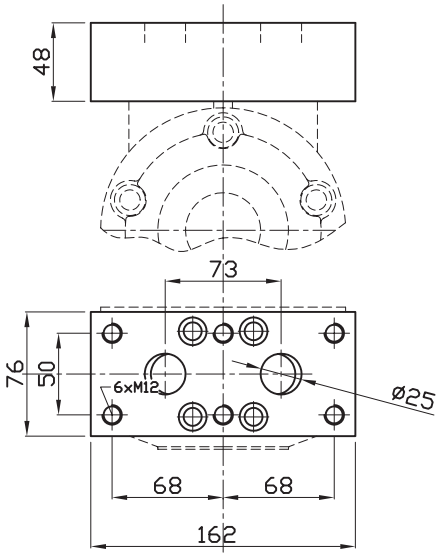
IAM H45 1100/C -1400/C

A0: Standard splined shaft

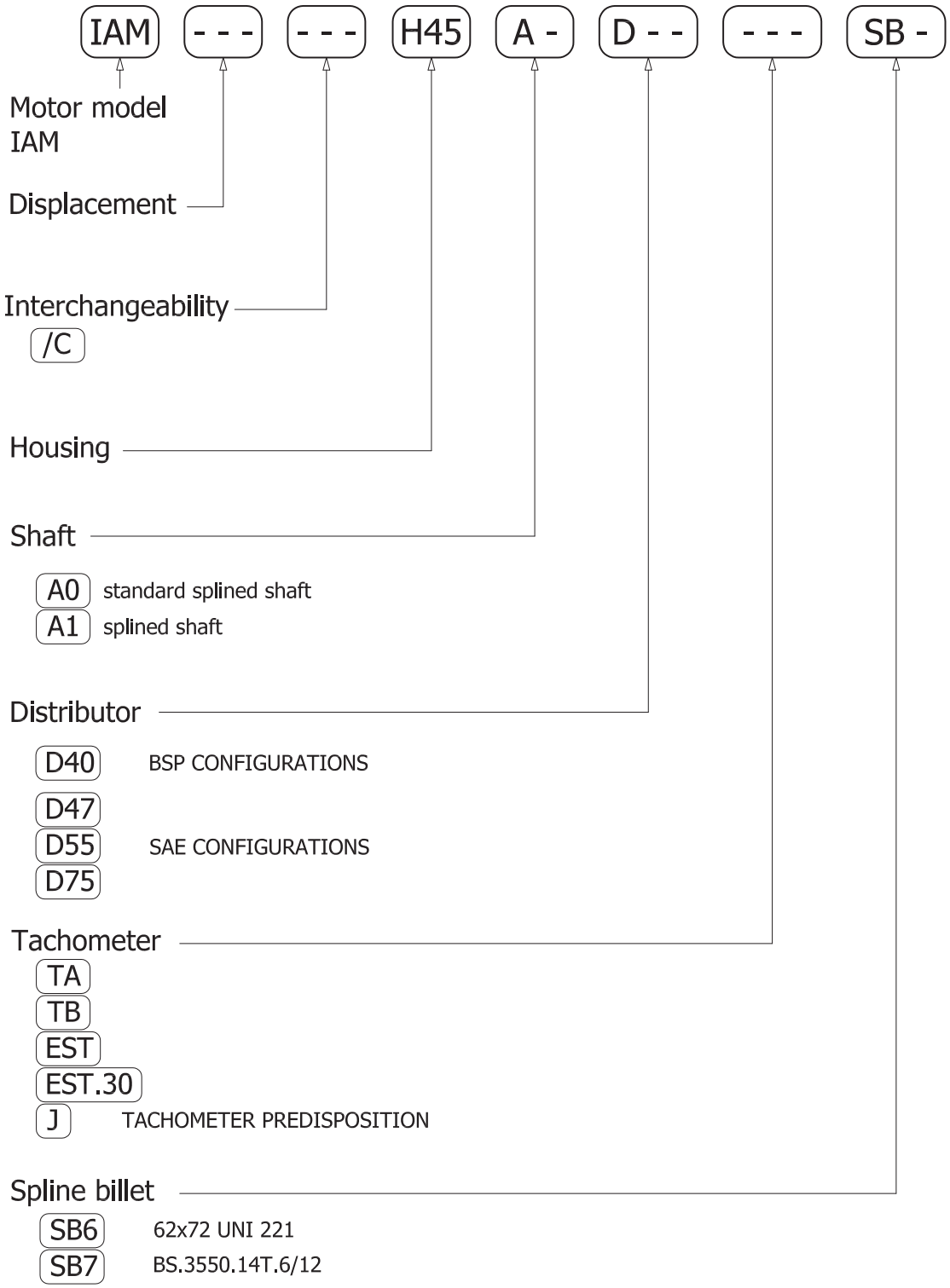


FL3: connection block

Connection block, fitting D55 distributor, for motor MR 1100/1400/1600/1800/2100

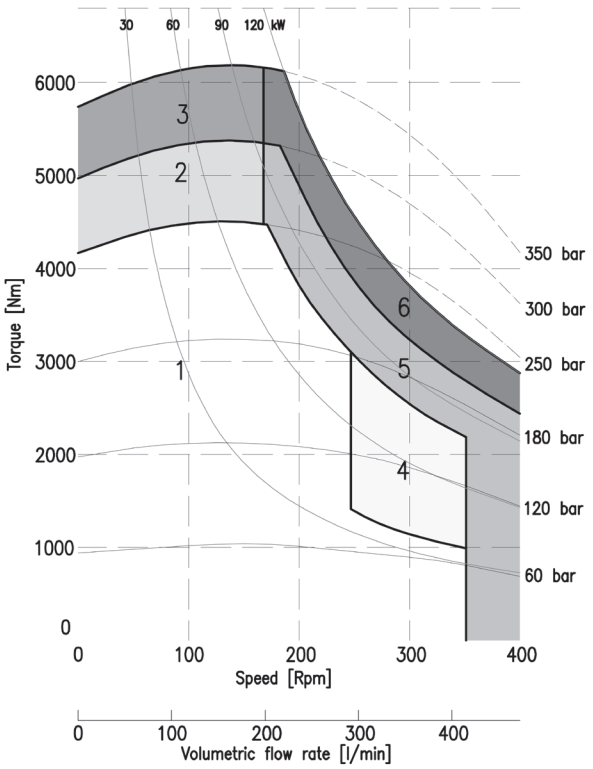


ORDERING INSTRUCTIONS

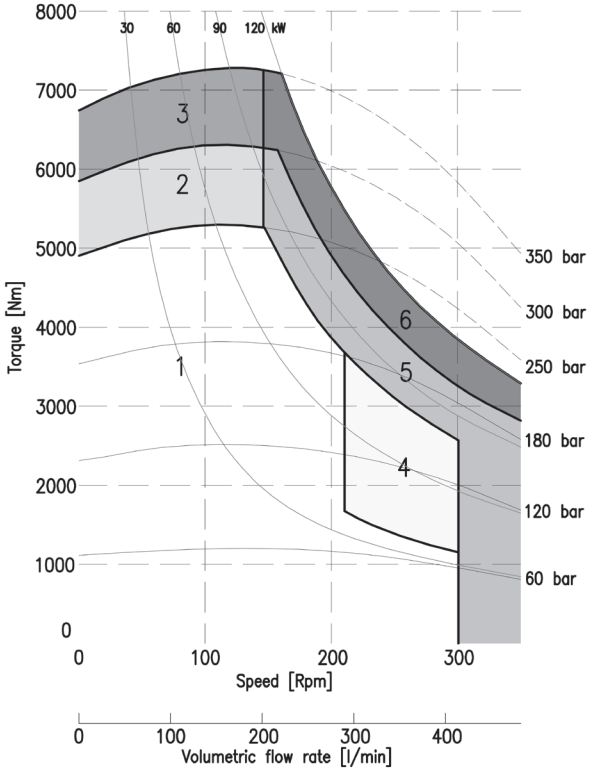


EXAMPLE:
IAM.1100/C.H45.A0.D40
IAM.1400.H45.A1.D55.TA.SB6
IAM.1600.H45.A0.D40

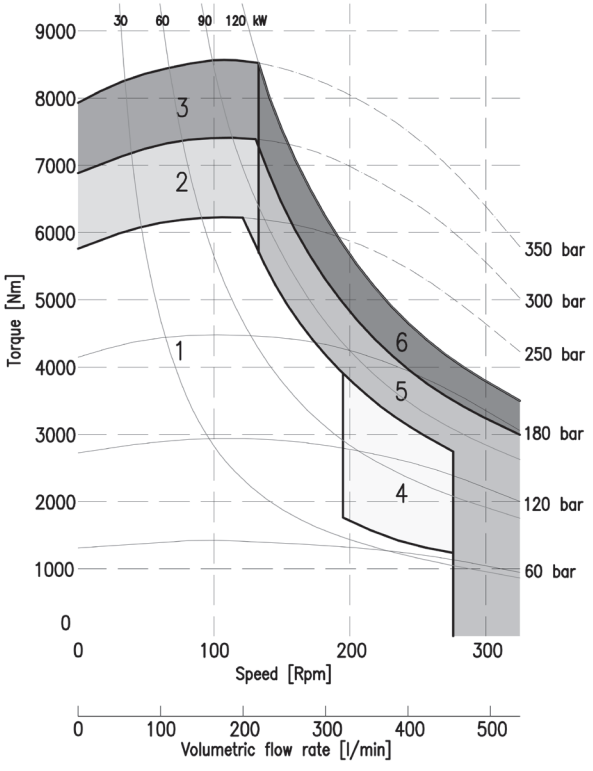
IAM 1100 H45



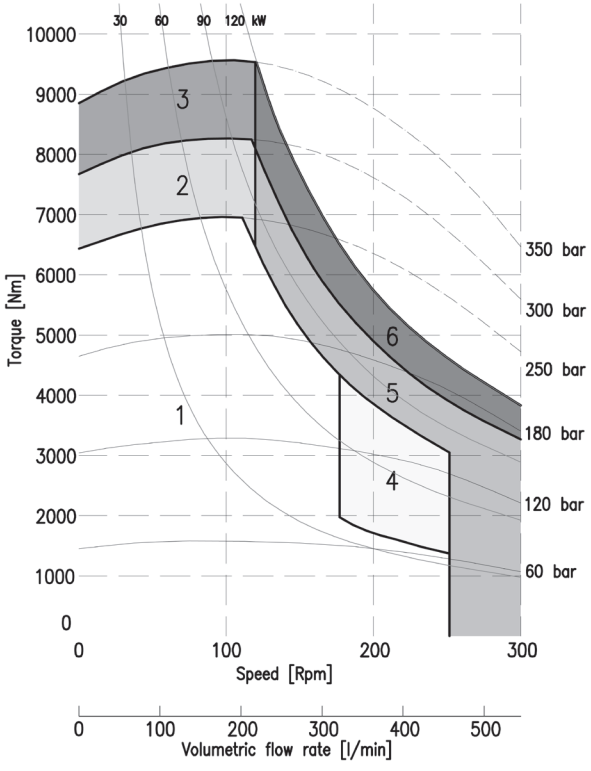
IAM 1400 H45



IAM 1600 H45



IAM 1800 H45



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