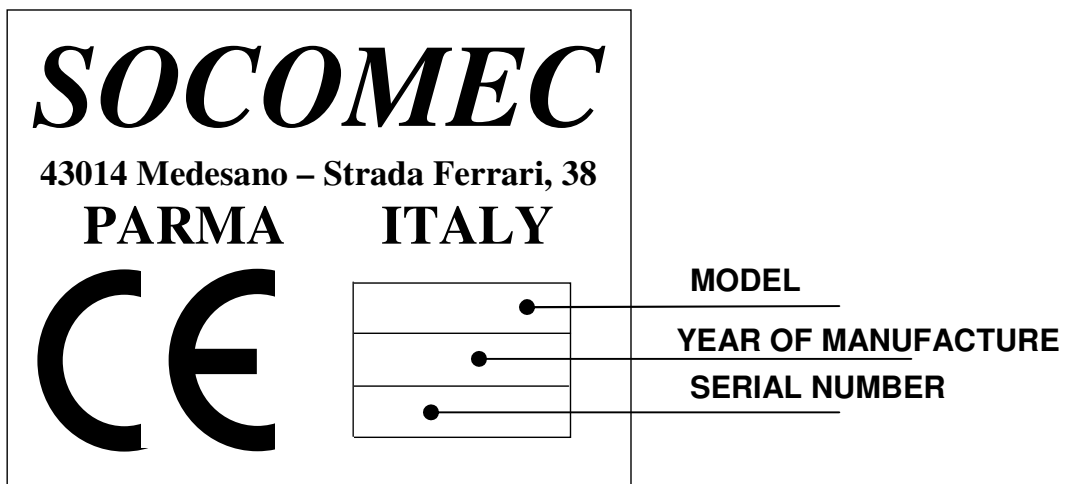# 2   Technical Features

2.1   Use

The hammer has been projected and manufactured for all types of demolitions, on any kind of material, to drive poles, to cut and break asphalt surfaces.

The manufacture is in accordance with the European Directive 2006/42/CE and with the Noise Directive 2000/14/CE.

Socomec S.p.A. warrants that its machines are manufactured according to the regulation quoted up-above and puts the marking "CE" on them.

SOCOMEC

43014 Medesano – Strada Ferrari, 38

PARMA   ITALY

CE

MODEL

YEAR OF MANUFACTURE

SERIAL NUMBER

2.2 Technical features DMS 2400

Technical features	unit of measurement	Value
Energy per stroke	J	**6400**
Maximum Frequency	s/min	**460 - 630**
Maximum oil flow	l/min	**220**
Maximum working pressure	bar	**140**
Maximum exhaust back pressure	bar	**10**
Accumulator charging pressure	bar	**35**
Calibration pressure of the hydraulic system maximum valve	bar	**180**
Hammer weight in working conditions	Kg	**2400**
Tool weight	Kg	**154**
Pin retainer tool weight	Kg	**10**
Pressure line pipe diameter (EN 856 - 4SP)	G	**1"**
Return line pipe diameter (EN 853 - 2SN)	G	**1"¼**
Tool diameter	mm	**152**
Hammer height with tool without adapting plate	mm	**2569**
Maximum length of the tool inner guide (L)	mm	**265**
Maximum diameter in front and back the tool bushings	mm	**158**
Maximum oil temperature in the tank	°C	**80**
Maximum absorbed power	Kw	**51**
Excavator weight	t	**25 - 33**
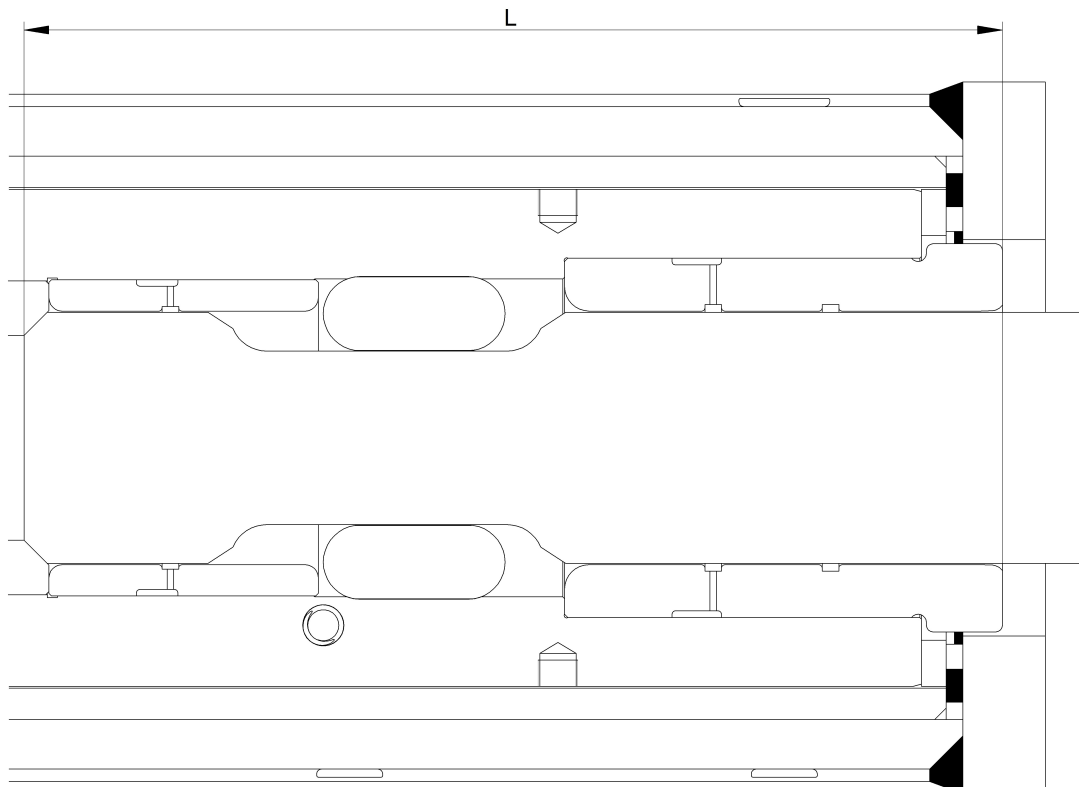
2.2.1 Tightening values:

Component denomination	Unit of measurement	Value
Accumulator cover screw	Nm	**800**
Accumulator screw	Nm	**800**
Articulation plug	Nm	**150**
Variator screw	Nm	**140**
Block Screw	Nm	**250**

2.3 Optimal environmental working conditions:

DENOMINATION	Unit of Measurement	VALUE (between)
Temperature	°C	**[-5 ; +45]**
Humidity	%	**[40 ; 90]**

2.4 Overall dimensions
DMS 2400 TS

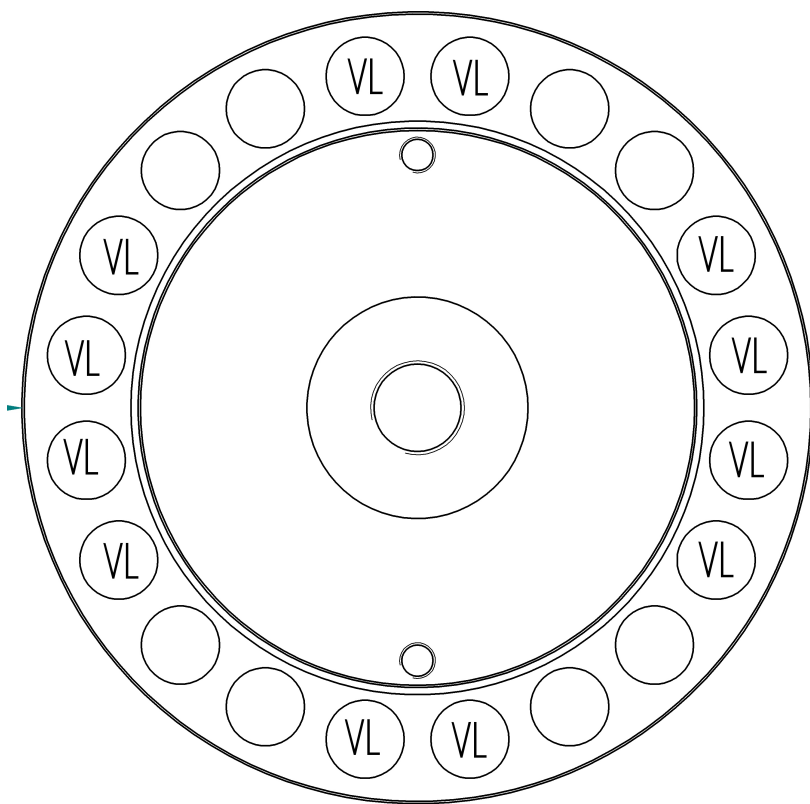| Dimensions	Size mm
A	**2989**
B	**1981**
C	**588**
D	**715**
E	**760**
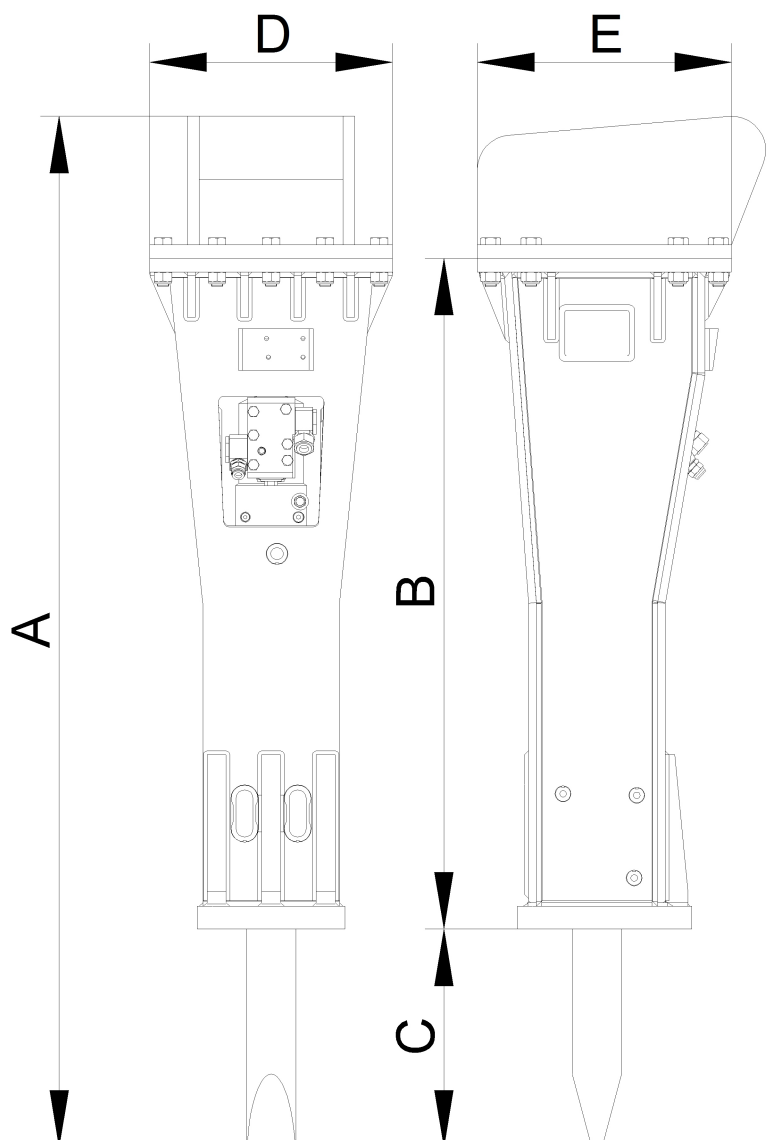
2.5 The accumulator

⚠ **It's necessary to unscrew the long screws in order to remove the accumulator from the monoblock.**
You will find here below the accumulator details with the long screws to be unscrewed highlighted.

DMS 2400 ACCUMULATOR SCREWS

V.L. = Long Screws

BLOCK SIDE