ACRN
Quality Control Machine
Industry & Packaging

DATASHEET

SK MECHANICAL DYNAMOMETER

CRANE SCALE · HYDROSTATIC PRINCIPLE



Versatile dynamometer for lifting: robust, maintenance-free, always ready.

- 12 capacities from 0.2 t to 85 t
- Accuracy: error < 1 %
- Large dial, rubber protection
- Easy zero adjustment and tare

12 CAPACITIES | **0.2 TO 85 T · < 1 %**

SPECIFICATIONS

TECHNICAL DATA

PRINCIPLE	**Hydrostatic**	SAFETY FACTOR	**5:1 (4:1 from 5 t)**
CAPACITIES (WLL)	**0.2 t to 85 t**	UP TO 5 T	**Eye + hook**
ACCURACY	**Error < 1 %**	ABOVE 5 T	**2 eyes (shackles)**
GLASS	**Acrylic**	STANDARDS	**EN 13155 · EN 12100**
SEALING	**Dust-tight**	MARKING	**CE**

A QUESTION ABOUT THESE DYNAMOMETERS?

Contact ACRN: www.acrn.fr · +33 (0)2 32 80 81 40

REQUEST A QUOTE

SK MECHANICAL DYNAMOMETER

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DESIGN AND OPTIONS

DESIGN

- Hydrostatic principle, maintenance-free
- Large dial for quick, accurate reading
- Rubber protection around the dial, acrylic glass cover
- Easy zero adjustment and tare, dust-tight

SAFETY AND STANDARDS

- Safety factor 5:1 (4:1 from 5 t)
- Standards EN 13155 and EN 12100
- CE marking
- COFRAC-traceable calibration offered by ACRN

OPTIONS

- Remote reading
- Bow shackle, from 5 t
- Consult us

VARIANTS

WLL (t)	Resolution (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (kg)
Up to 5 t: 1 suspension eye and safety latch hook							
0.2	1	60	53	230	27	35	5
0.32	2	60	53	230	27	35	5
0.5	2	60	53	230	27	35	5
0.75	5	60	53	230	27	35	5
1.25	5	60	53	230	27	35	5
2	10	60	53	230	27	35	5
3.2	20	75	53	280	34	46	5.5
5	20	75	53	300	42	56	6.5
From 12.5 t: 2 eyes for shackles							
12.5	50	40	41	213	-	-	8.1
25	100	55	42	267	-	-	12.9
50	200	75	56	329	-	-	25
85	500	85	60	390	-	-	60

WLL: working load limit. Dimensions A to E: see the drawing on page 3.





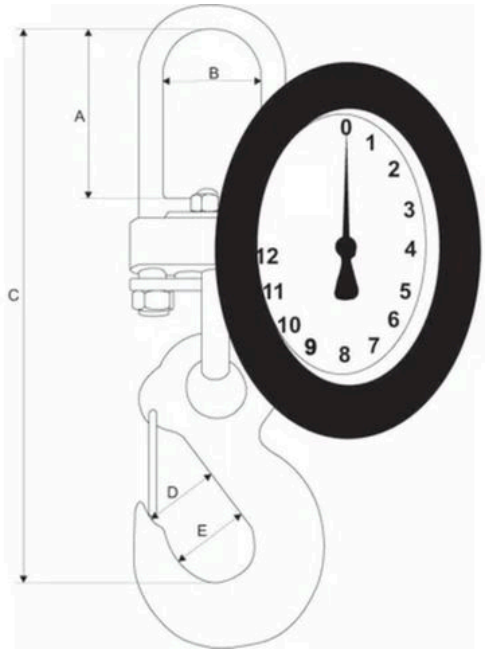
UP TO 5 T: EYE AND HOOK · FROM 12.5 T: 2 EYES

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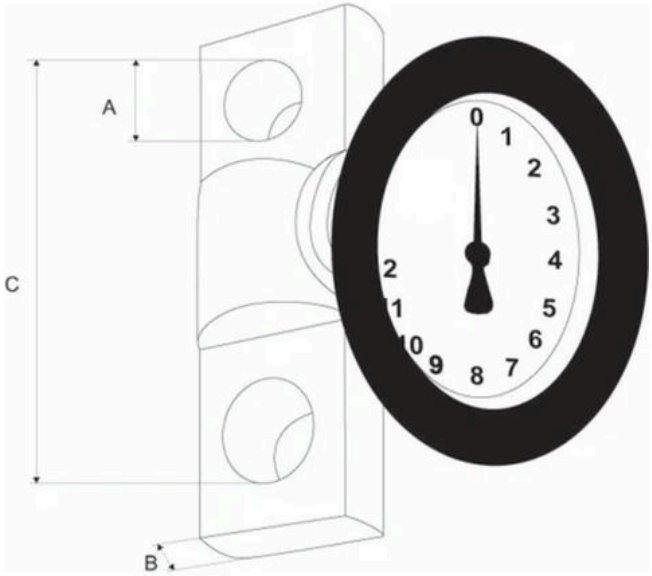
DIMENSIONED DRAWING

UP TO 5 T: EYE AND HOOK



A: eye height
B: eye width
C: overall length
D: hook opening
E: hook inner width

FROM 12.5 T: 2 EYES



A: eye dimension
B: body thickness
C: overall length
D and E: not applicable

Manufacturer drawing, not to scale. Values: variants table on page 2.

APPLICATIONS

- Lifting
- Weighing suspended loads
- Tensile force control

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