

This figure contains technical drawings and graphs for a ProVia brake chamber.

EXTERNAL SURFACE

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I	ZINC PLATED WITH CR6+ FREE
II	ELECTRO-COATING
III	DACROMET
IV	HARD POLYETHYLENE
V	RUBBER
VI	STICKER

SAFETY CHARACTERISTICS

<1>	SAFETY CHARACTERISTICS	0
<2> <th>SIGNIFICANT CHARACTERISTICS</th> <th>0</th>	SIGNIFICANT CHARACTERISTICS	0
<C1> <th>CUSTOMER INTERFACE</th> <th>4</th>	CUSTOMER INTERFACE	4

TECHNICAL REQUIREMENT:

- STROKE: $\geq 63.5\text{mm}$
- WORKING PRESSURE :
 $P_{max} : 10.2 \text{ Bar}, \text{ TEMPORARILY } 13 \text{ Bar}$
- WORKING TEMPERATURE: $-40^{\circ}\text{C}.....+80^{\circ}\text{C}$
- WORKING MEDIUM: AIR
- THIS PRODUCT MEETS THE REQUIREMENT OF QC/T 790 STANDARD

GRAPHS FOR INFORMATION ONLY

FORCE:N

AIR VOLUME:dm³

DEAD VOLUME AT Obar:=0.055dm³

OUTPUT FORCE OF SERVICE BRAKE PART

FORCE OF RETURN SPRING OF SERVICE BRAKE PART

STICKER B

STICKER A

CIRCUIT DIAGRAM

General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP

Further Technical Data: PRO 714 033 0

Doc. Code: Q35 **Sheet:** 1 **To:** 10

General Tolerances JED-261

Class	1)	≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400
Fine		±0.5	±1	±1.5	±2
Medium	X	±1	±2	±3	±4
Coarse		±2	±3.5	±5	±6.5

Tapped Holes acc. -

1) Tolerance Class Applied Crossmarked

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Date Drawn Signature

2023-04-27 Checked **Kovya**

2023-04-27 Subbiah

Dimensions in mm

Mass	Scale	Material No.	Date of first issue
3.4 kg	1:1 (2:1)	PRO 714 036 0	2023-04-27

Size CAD System

A 1 CREO

EOH-No.

Revision

Techn. Resp.

Replacement for

005 EN 1/1

3350_AM

100mm