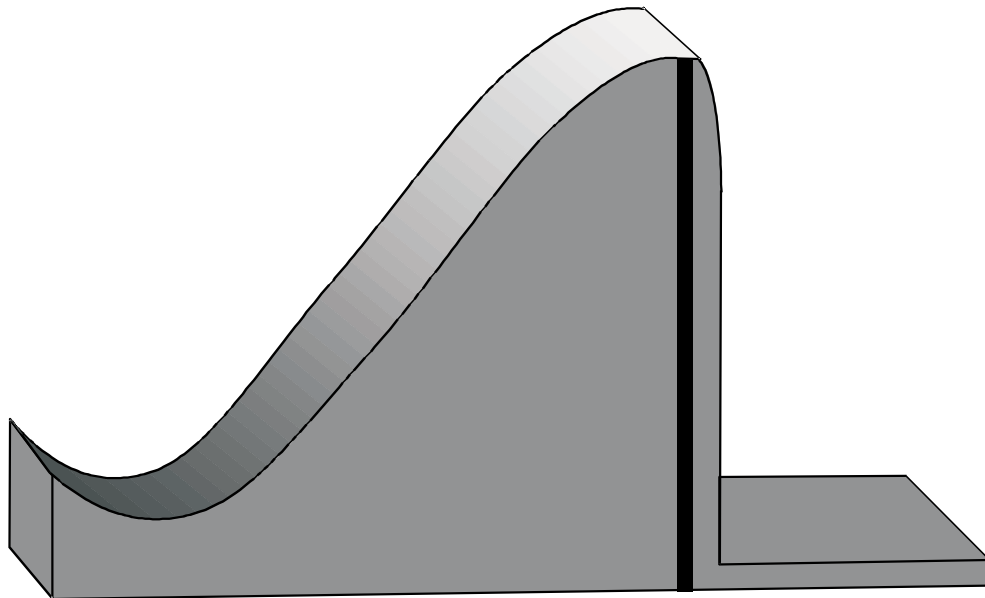


Technical Information

HM 160.28 Spillway with Skijump

HM 160.28 ***SPILLWAY WITH SKIJUMP***

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Technical Information

Please read and follow the safety regulations before the first installation!

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HM 160.28 *SPILLWAY WITH SKIJUMP*

1 Description

The **Spillway with Skijump HM160.28** is a so-called fixed weir.

The weir body is made of plastic and is locked in place in the measuring section using a bolt. The weir body is sealed to the side walls of the flume using tubular seals that are inserted in the slots on the side of the weir body.

On passing the weir, the flow changes from the flow state to the supercritical flow state, the ramp at the end of the spillway ensures that the flow is gently returned to its original state. In practice, such weirs are used after long sections of gradient where the direct impact of the flow over an extended period would cause serious damage, e.g. due to erosion.

2 Experiments

In conjunction with the HM 160, the following experiments are possible:

- Observation of flow forms
- Observation of the throw of the water
- Generation of different flow states by damming the down-stream water

For the exact measurement of water levels, the **HM 160.52 Level Gauge** is recommended.

HM 160.28 *SPILLWAY WITH SKIJUMP*

3 Safety



It is essential to prevent screws or other small parts from being rinsed into the outlet opening of the flow channel HM 160 by water. **This would destroy the centrifugal pump.**

The weirs should only be assembled and disassembled when the water has drained off!

Do not leave any tools in the flow channel after assembly!

Always secure the weir with the screw! Otherwise, the weir can come loose and could be damaged!

4 Technical Data

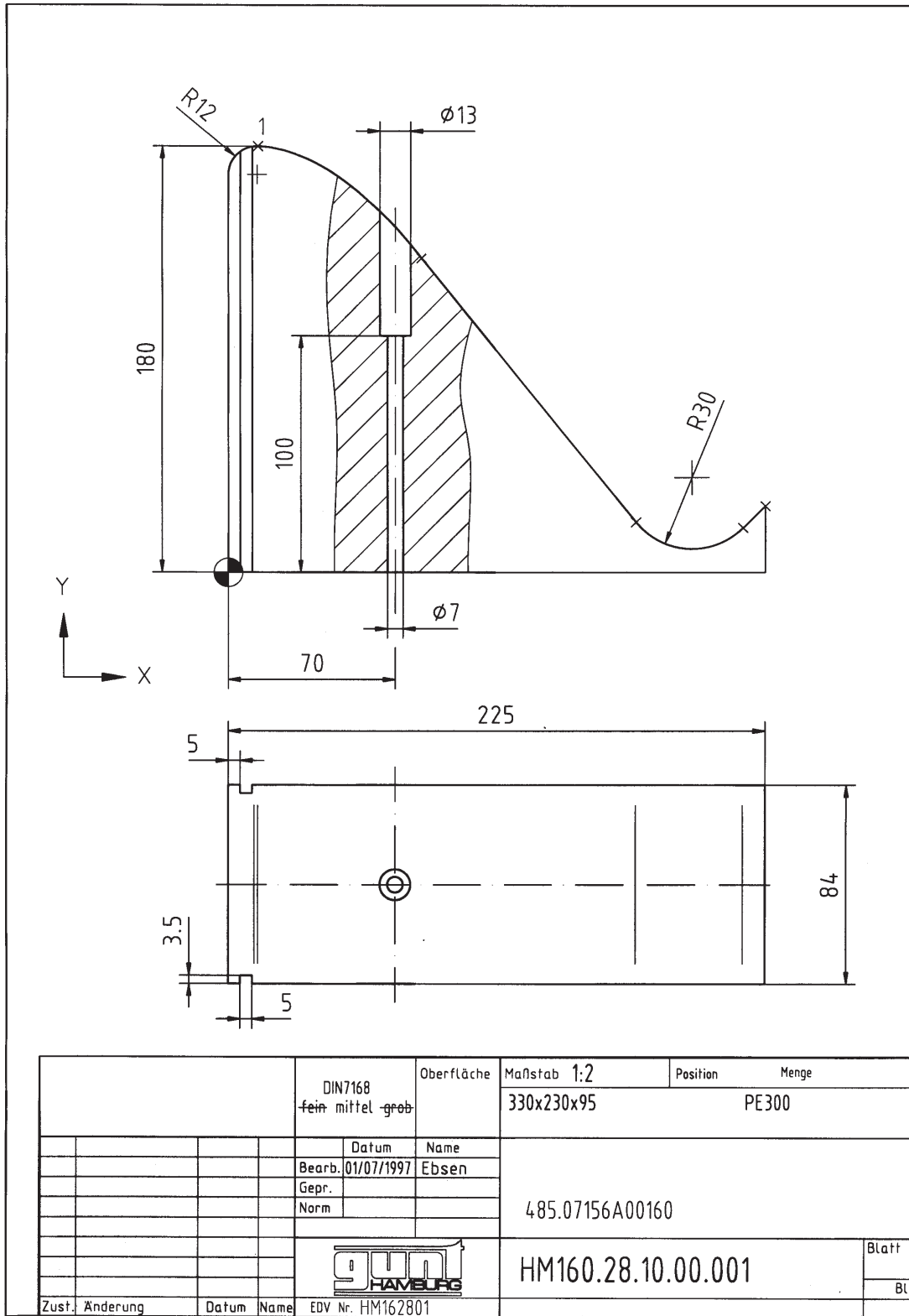
Weir body made of plastic, (PVC)

I x w x h : 225 x 84 x 180 mm

Weightt : approx. 2 kg

HM 160.28 SPILLWAY WITH SKIJUMP

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		DIN7168 fein mittel-grob	Oberfläche	Maßstab 1:2 330x230x95	Position	Menge PE300
					485.07156A00160	
				HM160.28.10.00.001		Blatt
						Bl.
Zust.	Änderung	Datum	Name	EDV Nr. HM162801		