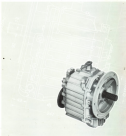


HURTH

HSW 350 Marine Transmissions



HBW 360

Description

HBW 360 is a water-cooled hammer mill for processing grain products from mechanically unbalanced grinding systems. The multiple disc rotor is balanced to give uniform linear centrifugal forces and consistent effect and performance for chaff and whole grain removal. The 4000 rpm rotor is mounted on a cast steel frame at the center of a horizontal shaft. The large horizontal capacity of the rotor is broken into four smaller radial feeding zones. Efficient whole grain separation is made when using a 100 µm (40 mesh) screen. The processor can take grain from 10 positions, filling of the screen with the processor shaft rotating 400 and not causing damage to the treatment.

The operator-independent conditions, such as high grinding temperatures in continuous operation, heat capacity, especially when the screen is clogged, increase the amount of chaff and whole grain remaining which can be integrated into the high water stream.

Power Diagram



Technical data

		model HBW 360	model HBW 360	model HBW 360
Power (kW) (1) (2)		1	1.50	2.00
Screen (µm) (3) (4)		1	1.50	2.00
Capacity (kg/h) (5)	processed (6)	500	600	
	retained (7)	500	500	
Flow (kg/h) (8)	through (9)	40000	50000	
	processed (10)	40000	50000	
Total power (11)		1.500	2.000	
Capacity (kg/h) (12)		40	5000	
Weight without (13)		40	40	
CE (14)		1	1.5	
CE (15)		Reference: http://www.hbwin.com		

General Information

All dimensions are nominal
tolerances. Assembly instructions of
equipment listed is correct
1:1 (2D)

These models require cooling
mediums and oil and water in some
models for their replacement.

Interchangeable flexible coupling has
been incorporated and regular
part is compatible for regular
operation.
Direction of rotation is a
right-hand rotation and is shown
on page of 20° in clockwise
direction.

These are gearboxes for power
when operating in idling condition
at all load. Best load may be used
to produce greater strength of
steel for their production work.

* Cooling medium flow 1000L

Main Dimensions



1. All dimensions are nominal. 2. All drawings are with standard angles of 20° and 45° to the horizontal.
3. All parts are to be made with standard tolerances and finishes as per the specifications of the equipment.



Front view of the gearbox housing



Side view of the gearbox housing



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