

Specification of 2-Stage Pusher Centrifuge Model PP-40

(For Mineral Salt Purpose)



Applications

Model PP-40 Two-stage Pusher Centrifuge is a kind of perforated basket centrifuge, both continuous and effective. The mixture to be separated is fed through the feeding pipe and the distributor continuously and evenly into the first stage basket. Most of the mother-liquor in the feed, acted on by centrifugal force, departs through the sieves into the liquor-collecting casing where it will be discharged out of the machine. The first stage basket rotates and reciprocate, pushing the formed product cake into the second stage basket. The cake can have sufficient retardation in the centrifuge with being acted on by more centrifugal force, and therefore, the desired humidity of the cake can be guaranteed. Afterwards, the cake is continuously discharged out of the basket. In case of high purity for the solid product, the effective washing can be carried out in the centrifuge. If necessary, the washing agent and the mother-liquor can be discharged separately.

Detailed Technical Parameters

Equipment	2 stage Pusher Centrifuge		
Spec.	PP-40	Qty	set
Technical Parameters			
1	Basket diameter	290/360 mm	
2	Basket Rotate Speed (Max)	2500rpm	
3	Stroke of Pusher Mechanism	40-80 times/min	
4	First, second stage mesh aperture (as per the material)	mm, mm	
5	Separation Factor	586-728	
6	Main motor	Spec/Power	11-15 KW
		Installation type	Horizontal
		Protection class	IP54/F1
		Power supply	3 phase AC, Customized
7	Oil pump motor	Spec/Power	5.5-7.5 KW
		Installation type	Horizontal
		Protection class	IP54/F1
		Power supply	3 phase AC, Customized
8	Oil pump	Spec	NB4C100F
		Outflow	100ml/turn
		Max pressure	2.5 Mpa
9	Dimension	2346mm × 1090mm × 1006mm	
10	Weight	2600kg	
11	Shell type	Open	
12	Output	5-7 T/h	
13	Moisture content after separation	≤ 2.5-3%	
14	Object processed	Mineral salt	

Spot pictures



Details:



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