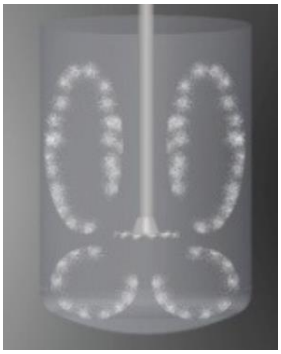


Dispersion disc / cowls disc

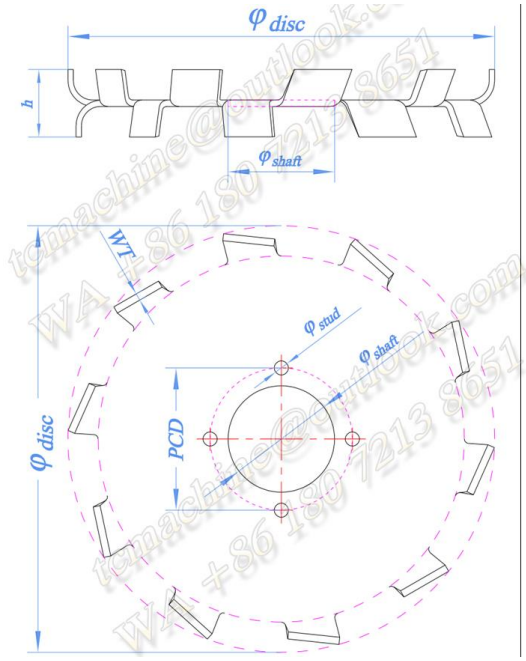
The Universal Dispersion Disc, or also known as COWLES Disc in reference to its inventor, is designed in order to create large dispersions. It will create a flow stream in the container that contains the liquid to be dispersed, as can be seen in the lateral figure↘. All our DDUs are made of AISI-304 or AISI-316L stainless steel with electro-polished finish



How to choose a suitable DDU

For proper operation, the DDU dis need to work in a suitable container, that is:
for a ØD disc the ideal tank diameter is Ø2D ~ Ø3D
and the distance from the DDU disk to the bottom of the tank 1D ~ 1,5D

Sketch and image





Specification

Model	φdisc	φshaft	φstud	Stud hold Qty	PCD	WT	Material
DDU-50	50	8	/	/	/	/	SS304/316L
DDU-60	60	8	/	/	/	/	SS304/316L
DDU-80	80	8	/	/	/	/	SS304/316L
DDU-100	100	8	/	/	/	/	SS304/316L
DDU-120	120	8	8	3	50	3	SS304/316L
DDU-150	150	8	8	3	60	3	SS304/316L
DDU-180	180	8	8	3	80	3	SS304/316L
DDU-200	200	30	8	4	80	3	SS304/316L
DDU-230	230	30	8	4	80	3	SS304/316L
DDU-250	250	30	8	4	80	3	SS304/316L

DDU-280	*280*	*30*	*8*	*4*	*80*	*3*	*SS304/316L*
DDU-300	*300*	*35*	*10*	*4*	*100*	*3*	*SS304/316L*
DDU-330	*330*	*35*	*10*	*4*	*100*	*3*	*SS304/316L*
DDU-350	*350*	*35*	*10*	*4*	*100*	*3*	*SS304/316L*
DDU-400	*400*	*40*	*12*	*4*	*120*	*4*	*SS304/316L*
DDU-500	*500*	*40*	*12*	*6*	*120*	*4*	*SS304/316L*
DDU-605	***605***	***120***	***16***	***6***	***160***	***4***	***SS304/316L***
DDU-650	*650*	*50*	*16*	*6*	*160*	*5*	*SS304/316L*
DDU-800	*800*	*65*	*16*	*6*	*180*	*6*	*SS304/316L*

Tips:

1. all size in the above table are in mm.

2. the φdisc, φshaft, φstud, stud hole quantity, PCD, and Wall Thickness are all customized.

Price for model DDU-605

Model	*Unite price*	*Terms*	*Lead time*	*Payment by*
DDU-605	*185usd*	*EXW Wenzhou China*	*3~5 working days*	*Bank transfer*