

Scroll Type Dry Vacuum Pumps **DISL Series**

Features

Single wrap type scroll which consists of each 1 orbiting and fixed scroll.

Tough type scroll pump than DIS series against incoming particles and suitable for industrial use.

Applications

- Pick and transfer system.
- Cleaning and drying.
- Degassing / deforming.
- Packaging.



DISL-101



DISL-502

Specifications

Model	Unit	DISL-101		DISL-502	
		50Hz	60Hz	50Hz	60Hz
Nominal pumping speed	L/min	100	120	430	520
	m ³ /h	6.00	7.20	25.80	31.20
	CFM	3.53	4.23	15.18	18.36
Ultimate pressure	Pa	20.0		30.0	
	Torr	0.15		0.23	
	mbar	0.2		0.3	
Motor		Single phase, 100/115/200/230V, 300W, 2P Capacitor start & run		Three phase, 200/380/400/415V, 900W, 2P	Three phase, 200/208/230/460V, 1100W, 2P
Full load current	A	3.2/1.6/2.0 (100/200/230V)	3.7/3.4/1.8/1.7 (100/115/200/230V)	3.6/1.9/1.9/1.8 (200/380/400/415V)	4.2/4.1/3.9/1.95 (200/208/230/460V)
Weight	kg	15.0		36.0	
Inlet, outlet pipe diameter	mm	Inlet pipe KF-25 Outlet pipe KF-16		KF-25	
Ambient temperature	°C	5 – 40		5 – 40	
	°F	41 – 104		41 – 104	
Water vapor handling	g/day	≤ 100 (AF open)		≤ 250 (AF open)	
Overall dimensions	mm	210(W) × 358(L) × 215(H)		317(W) × 491(L) × 280(H)	

AF = Air flush

Corresponding voltage and Certificate

Model	Voltage	CE Marked	CSA Marked
DISL-101	Single phase, 100 – 115V	✓	✓
	Single phase, 200 – 230V	✓	✓
DISL-502	Three phase, 200 – 230V	✓	✓
	Three phase, 380 – 460V	✓	✓

— : Not Available, ✓ : Available

Pumping speed curves

