

Scroll Type Dry Vacuum Pumps

**DISL Series** Single wrap

**DISL-101 DISL-503**

**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-503

**Specifications**

Model	Unit	DISL-101		DISL-503	
		50Hz	60Hz	50Hz	60Hz
Nominal pumping speed	L/min	100	120	430	520
Ultimate pressure	Pa	20.0		30.0	
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		Inlet pipe KF-25 Outlet pipe KF-16		KF-25	
Ambient temperature	°C	5 – 40		5 – 40	
Water vapor handling	g/day	≤ 100 (AF open)		≤ 250 (AF open)	
Overall dimensions	mm	210(W) × 358(L) × 215(H)		317(W) × 521(L) × 280(H)	

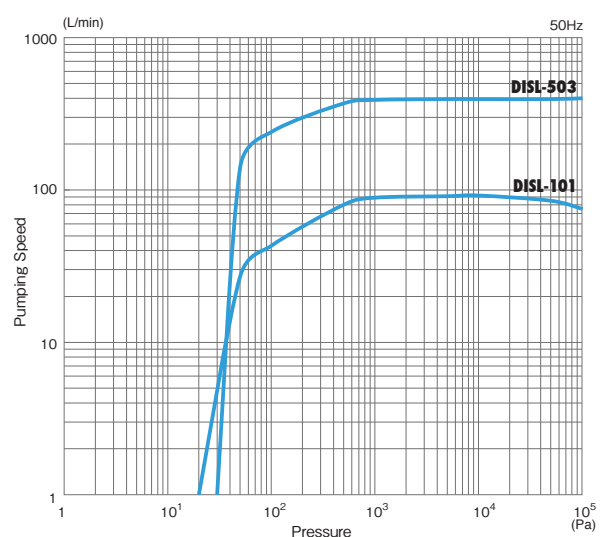
AF = Air flush

**Corresponding voltage and Certificate**

Model	Voltage	Order Code	CE Marked	cTUV Marked
DISL-101	Single phase, 100–115V	A44650000001	✓	✓
	Single phase, 200–230V		✓	✓
DISL-503	Three phase, 200–230V	A44970100001	✓	✓
	Three phase, 380–460V		✓	✓

— : Not Available, ✓ : Available

**Pumping speed curves**



\* Further details can be found on our website. Outside drawing appears in Page 48.