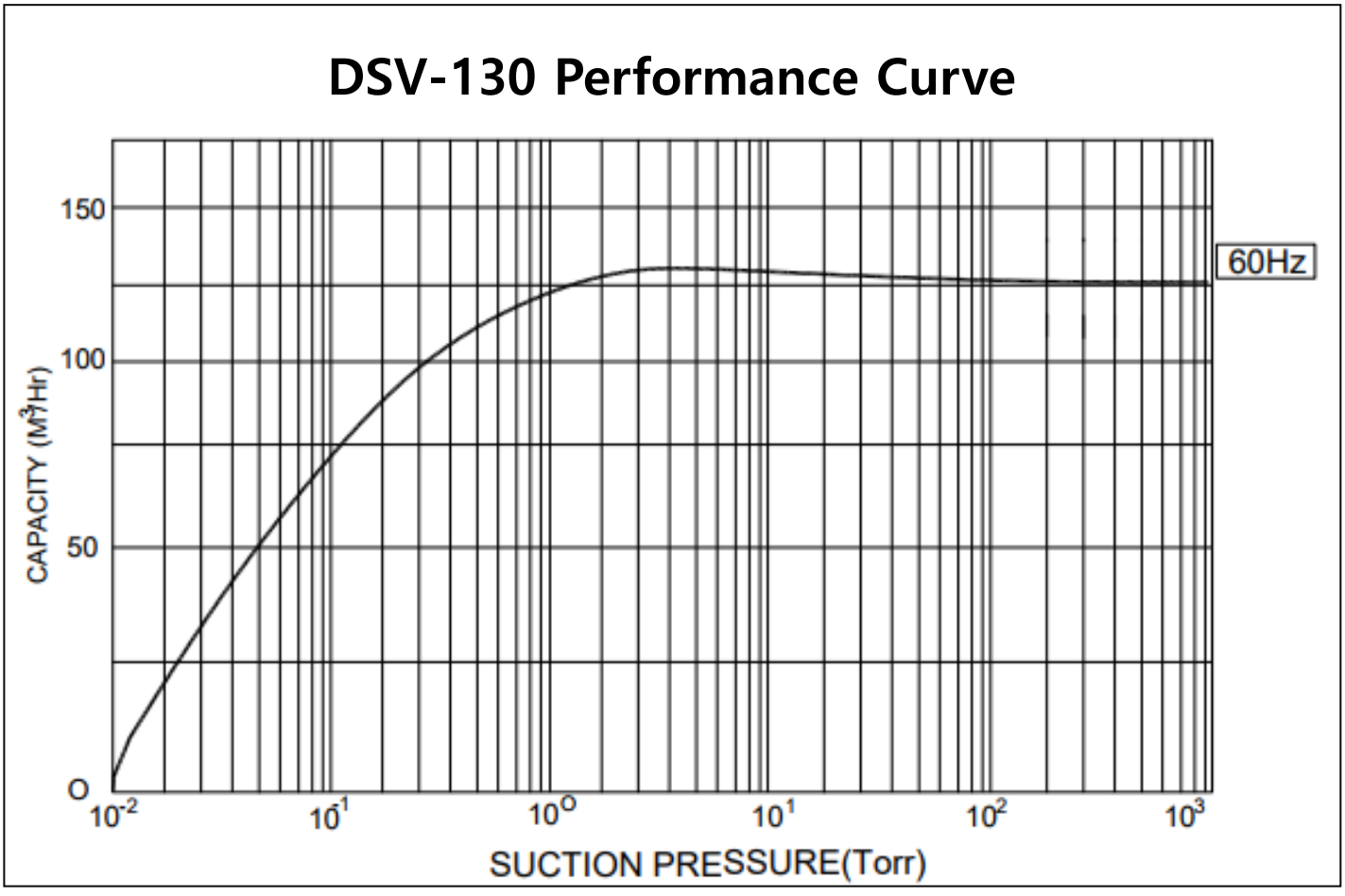
Technical

Models			DSV-130
Displacement	60Hz	m3/hr	130
	50Hz		108
Ultimate Pressure		Torr	0.01
		Pa	1.33
Motor		kW	3.7
Cooling water		ℓ/min	6
Inlet Port		mm	50
Outlet Port		mm	40
Noise level(60Hz)		dB	78
Weight		kg	200

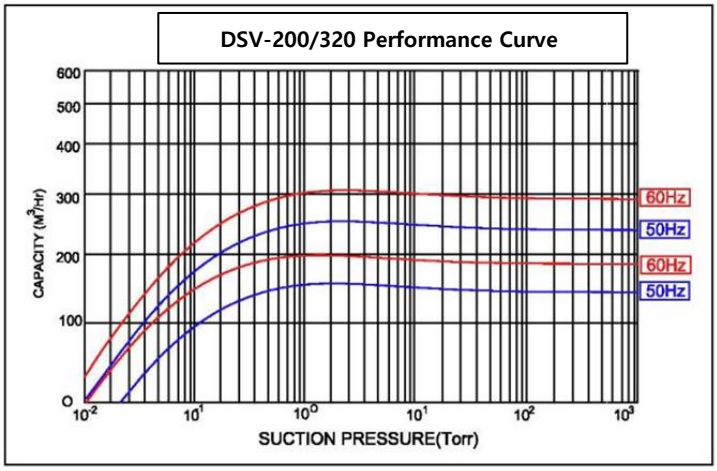
Performance Curve

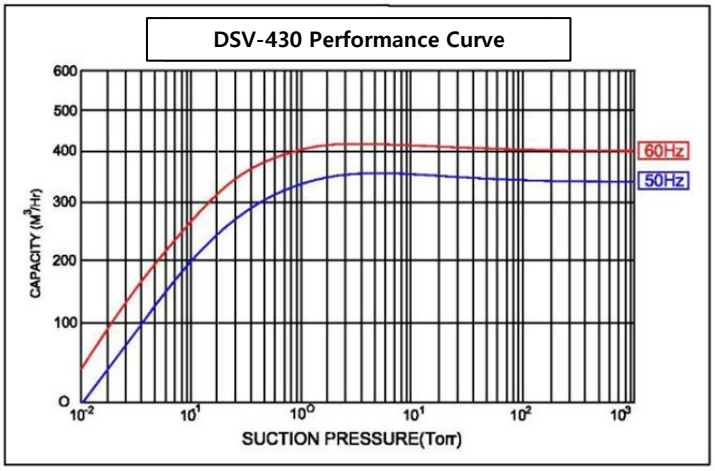


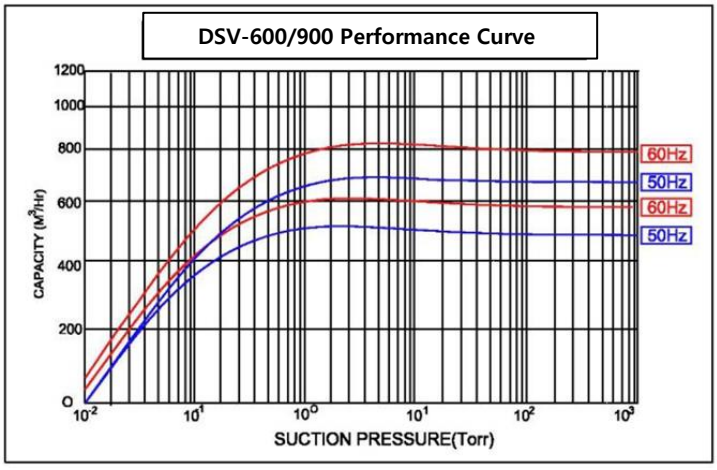
Technical

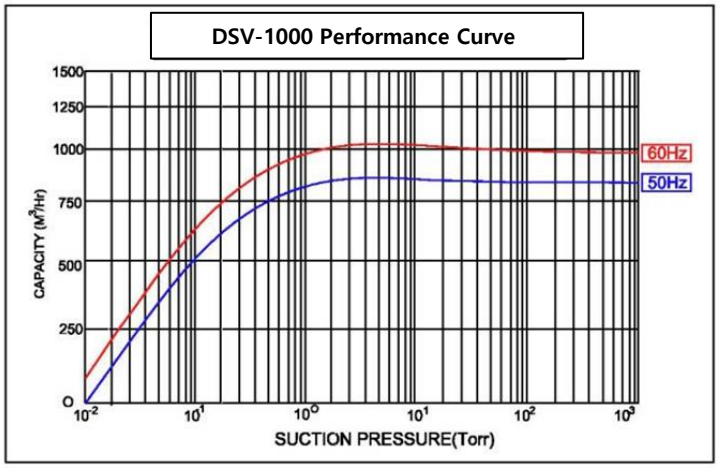
Models			DSV-130	DSV-200	DSV-320	DSV-430	DSV-600	DSV-800	DSV-1000
Displacement	60Hz	m3/hr	130	200	320	430	600	800	1,000
	50Hz		108	160	260	360	500	700	830
Ultimate Pressure		Torr	0.01						
		Pa	1.33						
Motor		kW	3.7	5.5	7.5	11	15	18.5	22
Cooling water		ℓ/min	6	8	10	12	18	20	22
Inlet Port		mm	50	50	50	65	80	100	100
Outlet Port		mm	40	40	50	50	65	65	80
Noise level(60Hz)		dB	78	78	78	80	80	80	80
Weight		kg	200	250	295	350	470	580	700

Performance Curve



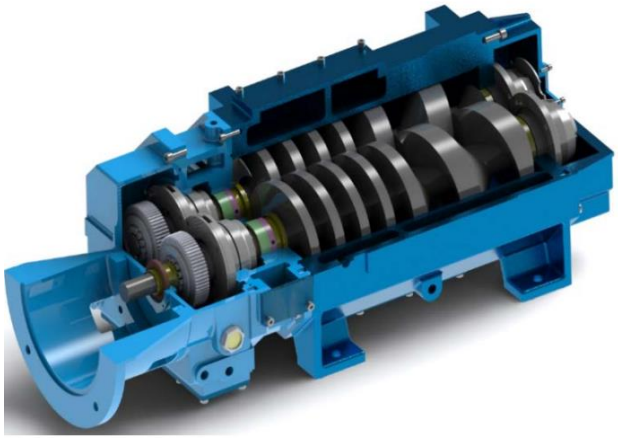






■ 장점 및 특징

- 3Stage 연속 가변 Pitch방식 Screw
- 흡입 효율 상승, 배기 효율 개선
- 압축 배기 온도 약 50% 감소
- 실 운전 전력 소모 약 40% 절감
- 최대 진공도 : 5 * 10^{-3} Torr



■ Standard Accessory

- Base Structure & Safety Cover
- Discharge Silencer & Separator
- Suction Port
- Check Valve
- Vacuum Gauge

■ Option

- Suction Filter
- Discharge Condenser
- Suction Knock-Out Separator
- Flow Switch & Temp. Switch
- C-Face Flange Motor

■ Material

- Body Casing : Ductile iron (FCD 55)
- Screw Rotor : Ductile iron (FCD55)
- Plate / Cover / Bearing holder : Ductile iron (FCD40)
- Lip Seal : LIP-PTFE & Graphite Mix, Casing - SUS316
- Seal Sleeve : Stainless steel (sus304) + Ceramic Coating , SKD-61
- Drive Oil seal : Viton
- Timing gear : Alloy Steel (SCM415)
- Coating Spec. : PTFE, PFA. PEEK, NIFLON
- Oil lubrication : Front / End - Oil lubrication type

■ 적용 부문

- 제약,바이오 원료합성,진공건조
- 진공증류,동결건조,정제,탈취장치
- Hi-Tech (2차전지,반도체,태양광)
- 정밀화확, 석유화학, 용제 회수
- 플라스틱수지 압출, 진공배기용
- 공업용 열처리, 코팅, 증착
- 환경, 식품, 첨단기술, 연구, 기타산업

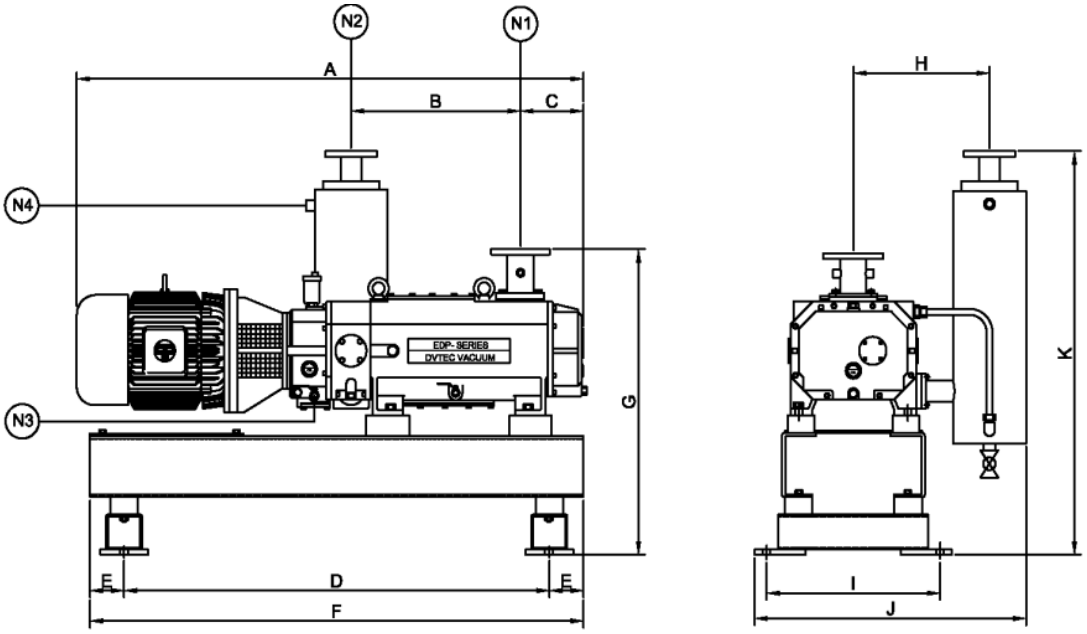
■ 장점 및 특징

・사용 공정에 맞는 다양한 Coating방식채택-부식성가스또는 응축성가스 처리에 적합

・초정밀 타이밍 기어 사용, 최적의 Rotor Blance, IEC Flange Motor 사용으로 설치가 간단. 저 소음, 저 진동

・Casing, Screw Rotor가 비 접촉 구동방식으로 내부 구조가 매우 단순하여 유지관리가 용이

■ Dimensions



Models	A	B	C	D	E	F	G	H	I	J	K	N1/N2	N3/N4
DSV-200	1350	417	180	1100	100	1350	850	420	520	840	1130	50/40A	15/15A
DSV-320	1400	417	180	1150	100	1350	850	420	520	840	1130	50/50A	15/15A
DSV-430	1450	490	180	1200	100	1400	850	420	520	840	1130	65/50A	15/15A
DSV-600	1630	520	230	1350	100	1500	915	500	640	975	1220	80/65A	15/15A
DSV-800	1700	570	230	1400	100	1600	915	500	640	975	1220	100/65A	15/15A
DSV-1000	1760	540	245	1400	100	1600	1015	520	680	1060	1220	100/80A	20/20A