

SWS63 Series



Output : 50W~120W (with SD63/B60)

Worm Geared motors

Weight : Box : 3.5Kg (Approx)

Typical Applications

스윙자동문, 의료기기, 자판기, 자동화장비, 기타장비

- Swing Door용 감속기
- 출력축 스피들 $\varnothing 15\text{mm} \sim \varnothing 20\text{mm}$ 선택 가능
- 감속기 순간 최대 허용 토크 500Kgf.cm
- 사용 온도 범위 : $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- 스피들 방향 : 왼쪽, 오른쪽, 양쪽
- 고객의 요청에 의한 스피들 사양 변경 가능
- Cam 및 Spring에 의한 포지션 복귀 기능 가능(감속비 1/258 제외)

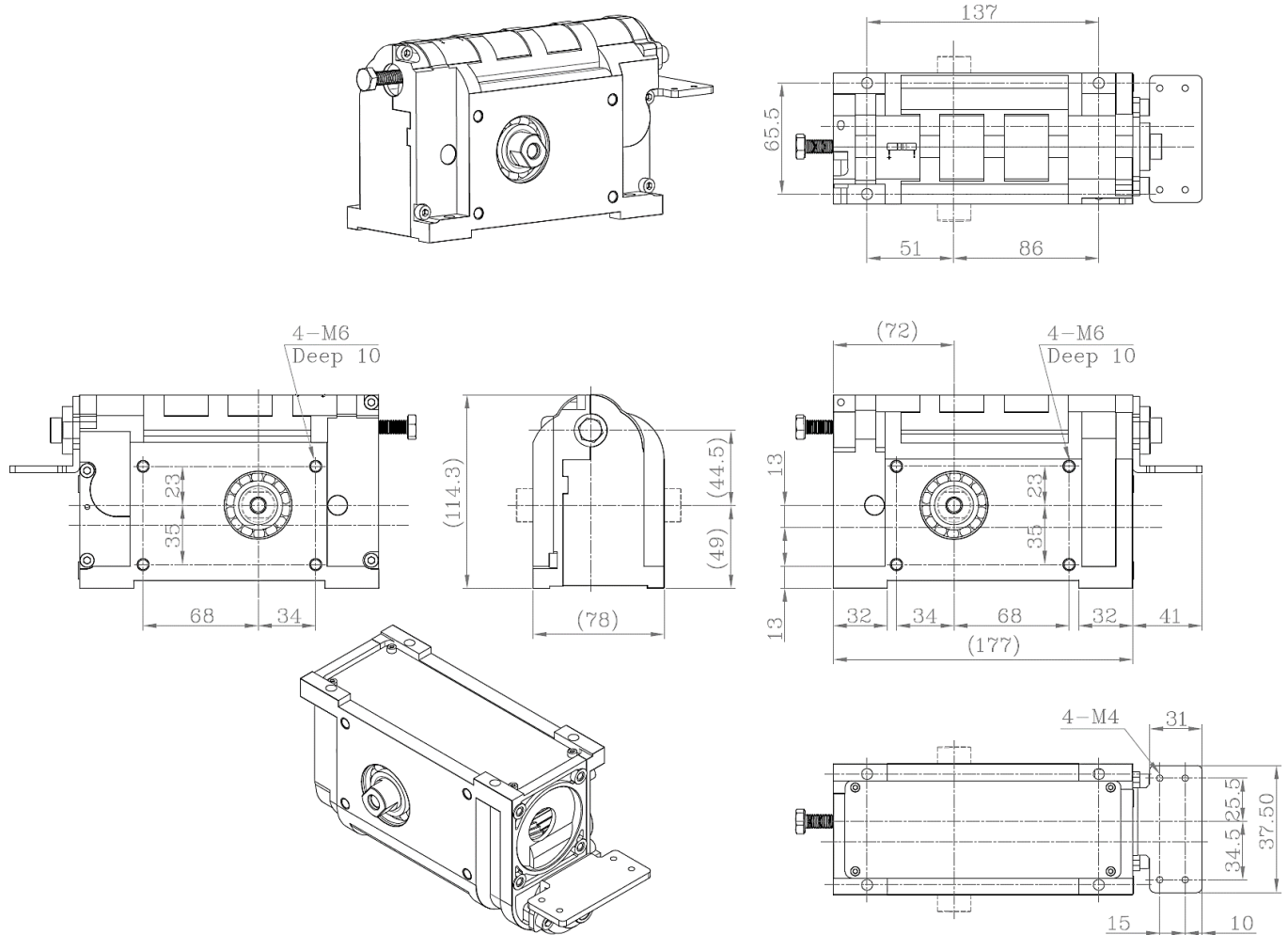
Specification (Worm Reducers)

DATA / SPEC		SWS63 Series		
Reduction Ratio	Gear composition	1'st=Worm gear / 2'st=Spur gear / 3'st=Spur gear		
	Module	1'st=M1.5 / 2'st=M1.0 / 3'st=M1.5		
	Ratio & Threads(1'st)	1/86 [3'rd]	1/129 [2'rd]	1/258 [1'rd]
Efficiency	[%]	63	58	50
Continuous Load	[Kgf.cm]	300		
Axial Load	[Kgf.cm]	500		

- Worm wheel 소재 Acetal을 기준으로 작성된 Data입니다.
- 본 표준형 외에 필요에 따라 특수품으로 개발 가능합니다.

Dimensions

Unit : mm



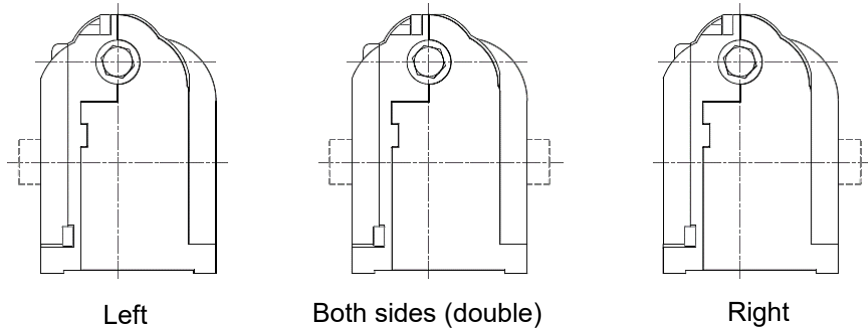
SWS63 Series



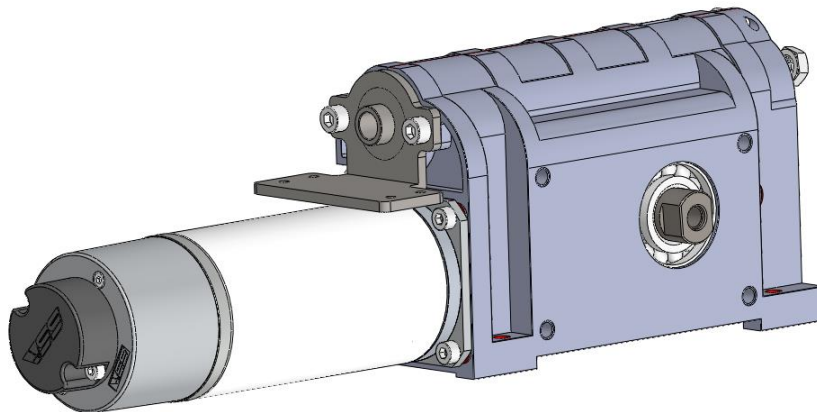
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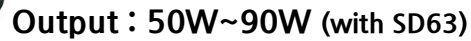
Worm Geared motors

■ Spindle Direction



- 출력축 End Play : Max. 1.0mm
- 출력축 볼베어링 사용 (오른쪽) : 6204ZZ(Ø15) , 6204ZZ(Ø20)
(왼쪽) : 6204ZZ(Ø15) , 6204ZZ(Ø20)
- 기어 소음 : Max. 70dB
(정격전압으로 구동시 "A" 스케일일로 측정 단, 암소음 25dB이하 일 것.)





Weight : 90W : 5.4Kg(Approx)

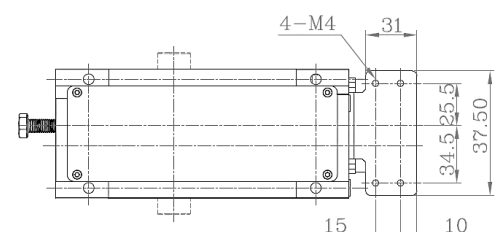
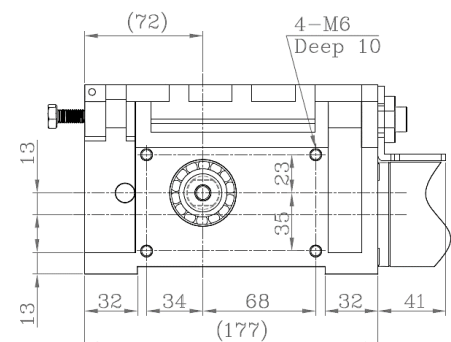
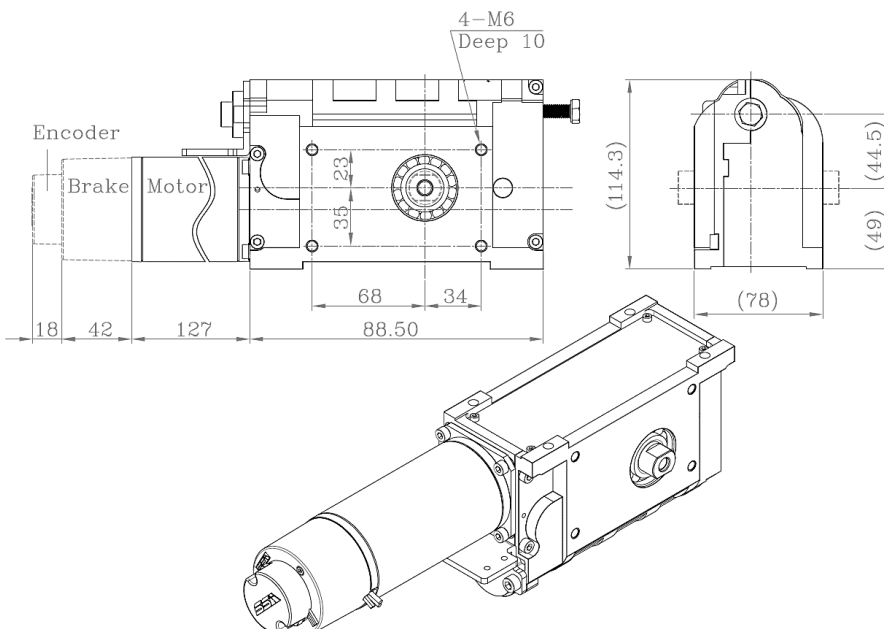
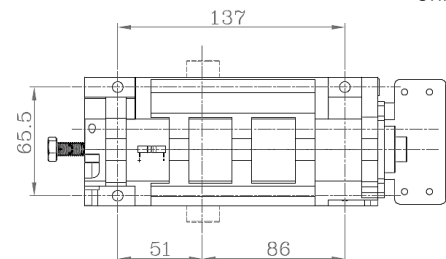
스wing자동문, 의료기기, 자판기, 게임기,
자동화장비, 기타장비

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Motor Type & Speed (Lengths "L1")	Output [W]	Voltage [VDC]	Ratio [SW63]	No Load		at Rated Load			Stall		Cogging Torque [Kgf.cm]
				Speed [r/min]	Current [A]	Speed [r/min]	Current [A]	Torque [Kgf.cm]	Current [A]	Torque [Kgf.cm]	
SD63X90 3100rpm (124mm)	90	24	86	36	1.3	27	5.1	144	32.8	400	12.0
			129	24	1.3	18	5.1	199	32.8	400	15.0
			258	12	1.3	9.3	5.1	300	32.8	400	-
		40	86	36	0.8	28	2.9	141	19.5	400	12.0
			129	24	0.8	18	2.9	195	19.5	400	15.0
			258	12	0.8	9.4	2.9	300	19.5	400	-
		90	86	36	0.3	28	1.5	140	8.2	400	12.0
			129	24	0.3	19	1.5	193	8.2	400	15.0
			258	12	0.3	9.6	1.5	300	8.2	400	-

- ## ■ Dimensions

A technical line drawing of a motor assembly. It features a cylindrical motor on the right, connected to a rectangular housing on the left. The housing has a circular port on its front face and a series of rectangular slots on its top surface. Various mounting points and fasteners are indicated with small circles and lines.



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Option

			
ME Encoder	SOE Encoder	Brake "A"	Brake "B"
ME1 ME8 ME12	SOE42-100 SOE42-500	MG24	MX24

