

# POWER-OFF SERVO BRAKES



SIMPLE INSTALLATION  
ECONOMICAL COST  
ENERGY EFFICIENT  
SPLINED HUB

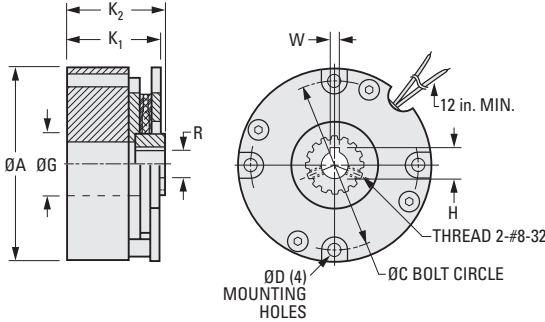
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### > COIL DATA:

Voltage: 24V DC

Other voltages available on special order.



Keyway Dimensions				
R Bore	.250	.312	.375	.500
W Width	.062	.094	.094	.125
H Height	.286	.364	.425	.564

### INCH COMPONENT

Catalog Number	Static Torque lbf in.	Max. watts	R Hub Bore	G Case Inside Dia.	A Dia.	C Dia.	D Dia.	K <sub>1</sub> OAL Short Hub	K <sub>2</sub> OAL Long Hub
S90SB9-15A04S	5	7	.250	.53	1.50	1.31	.125	1.06	—
S90SB9-15A04L			—					1.18	
S90SB9-15A05S			.312					1.06	—
S90SB9-15A05L			—					1.18	—
S90SB9-15A06S			.375					1.06	—
S90SB9-15A06L			—					1.18	—
S90SB9-17A04S	10	10	.250	.58	1.79	1.64	.093	1.19	—
S90SB9-17A04L			—					1.32	
S90SB9-17A06S			.375					1.19	—
S90SB9-17A06L			—					1.32	—
S90SB9-17A08S			.500					1.19	—
S90SB9-17A08L			—					1.32	—
S90SB9-19A04S	18	12	.250	.43	2.00	1.77	.146	1.19	—
S90SB9-19A04L			—					1.38	
S90SB9-19A06S			.375					1.19	—
S90SB9-19A06L			—					1.38	—

Catalog Number (Ref.)	Thread	Nom. Resistance ohms	Armature		Rotor Inertia lbf in. sec <sup>2</sup>	Energy Dissipation lbf ft./min.	Weight lb.
			Engagement msec	Disengagement msec			
S90SB9-15A...	#2-56	96	20	10	4.38 x 10 <sup>-6</sup>	500	.3
S90SB9-17A...		64	20		1.87 x 10 <sup>-5</sup>	700	
S90SB9-19A...	#6-32	54	35		2.36 x 10 <sup>-5</sup>	900	

\* Typical torque after burnishing; units shipped burnished.

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D820

REV:  
4/25/23

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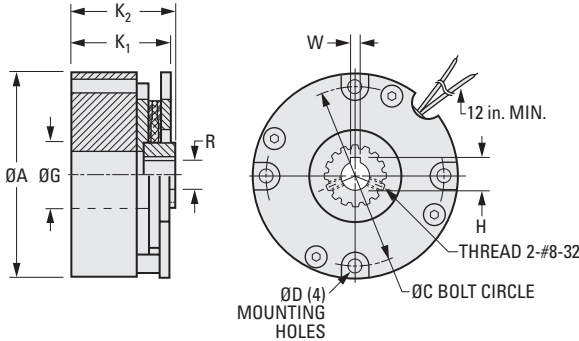
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**> COIL DATA:**

Voltage: 24V DC

Other voltages available on special order.



Keyway Dimensions			
R Bore	.375	.500	.625
W Width	.094	.125	.188
H Height	.425	.564	.709

INCH COMPONENT									
Catalog Number	Static Torque lbf in.	Max. watts	R Hub Bore	G Case Inside Dia.	A Dia.	C Dia.	D Dia.	K <sub>1</sub> OAL Short Hub	K <sub>2</sub> OAL Long Hub
S90SB9-28A06S	80	20	.375	1.18	3.03	2.76	.177	1.22	—
S90SB9-28A06L			—					1.45	
S90SB9-28A08S			1.22					—	
S90SB9-28A08L			—					1.45	
S90SB9-28A10S			1.22					—	
S90SB9-28A10L			—					1.45	

Catalog Number (Ref.)	Thread	Nom. Resistance ohms	Armature		Rotor Inertia lbf in. sec <sup>2</sup>	Energy Dissipation lbf ft./min.	Weight lb.
			Engagement msec	Disengagement msec			
S90SB9-28A...	#8-32	36	50	40	1.06 x 10 <sup>-4</sup>	1800	1.8

\* Typical torque after burnishing; units shipped burnished.

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