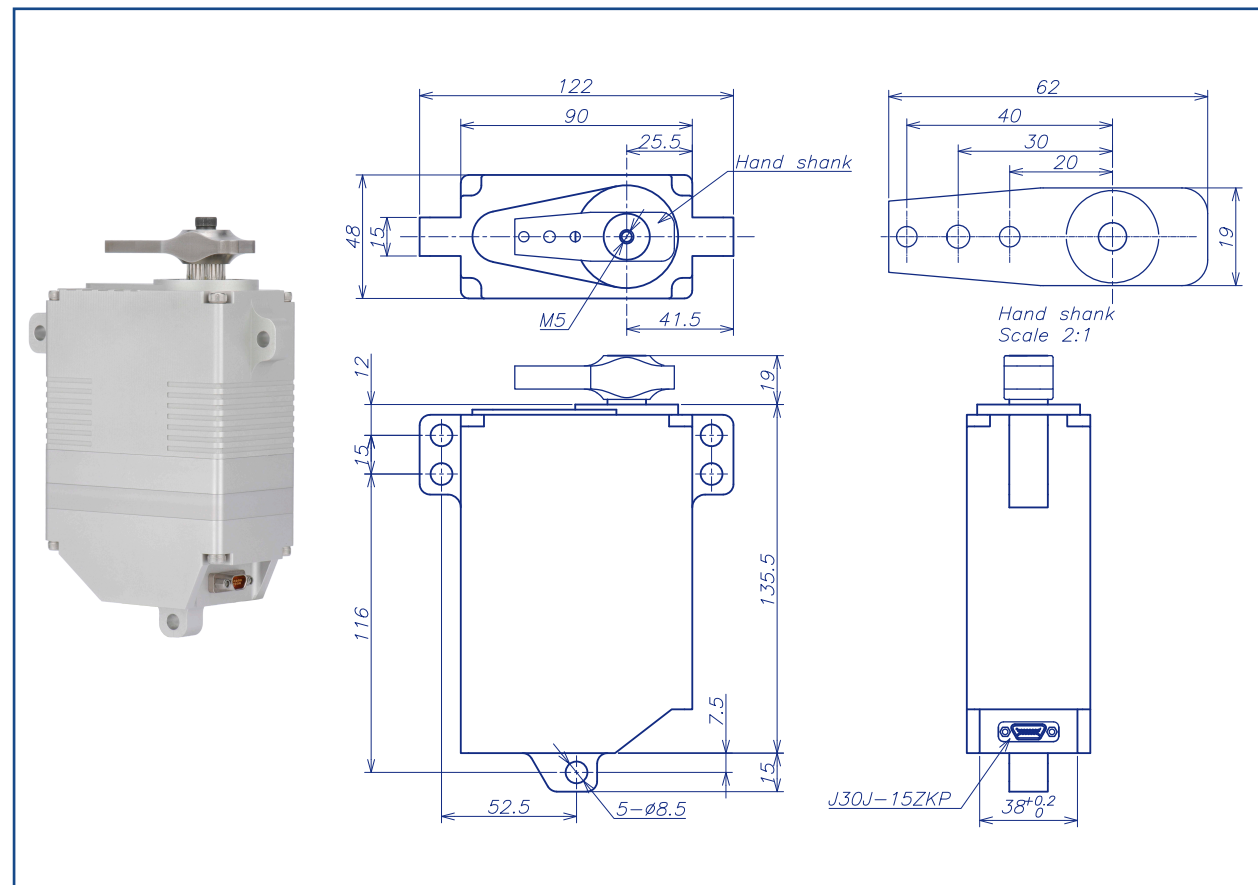


AM-9048HPP3675BF-286-3021ER Series



SERVO ACTUATOR DATA		COMMAND SIGNAL	
Rated voltage	DC 30V	PWM Command interface	
Voltage range	DC 24V-32V	Signal voltage	HIGH:min.3.3V, max.5.0V LOW:min.0V, max.1.5V
Peak torque	150 N.m@30V	Pulse lengths	500μs-2500μs
Rated torque	60 N.m@30V	Pulse lengths for position	500μs/1500μs/2500μs s -100°/0°/+100°
No load rotation speed	180°/Sec@30V	RS485 command interface and protocol specifications	
Rated rotation speed	130°/Sec@30V	Baud-rate	57600±1.5% bits/s
Peak current	< 88.2A	Protocol(Documentation available)	10 Byte(incl.1byte check sum)
Rated current	11A 120%Max	Number of data bits	8
Default angle	±100°	Number of stop bits	1
Operating temperature range	-40°C ~ +65°C	Parity	None
Shell material	7075 T6	Annotate: (1) Tolerance±10%; (2) Programming Tool for PWM-Versions required; (3) -40°C...+65°C, Δt =105°C (-40°F...+149°F, Δt =189°F); (4) Low Temperature Modification on request (-40°C/-40°F) 。	
Motor type	DC Brushless motor		
Gear material	Steel		
Position sensor	Non-contact sensor		
Outline dimension	169.5mm*122mm*48mm		
Weight	1750g Max		

Motor data tested at 25°C. Motor operation exceeding continuous limits will reduce life or result in damage.
At elevated ambient temperatures, load current must be reduced.

Download datasheet: <https://assunmotor.com/documents-download>

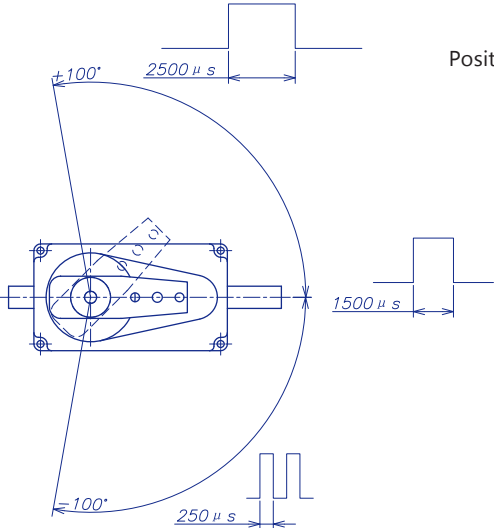
Visit Our Website and Online Shop at <https://assunmotor.com> Contact: info@assunmotor.com

Specifications are subject to change without notice. Copyright Assun Motor Pte Ltd. All Rights Reserved.

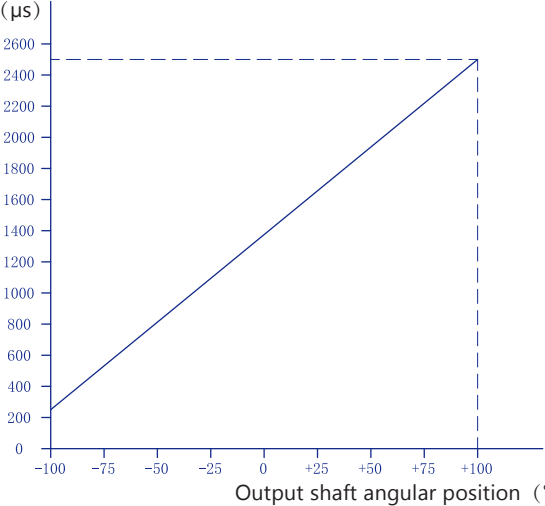
AM-9048HPP3675BF-286-3021ER Series

Position feedback signal

The position feedback signal is a square wave output signal that is directly related to the angular position of the output shaft.



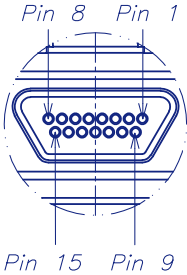
Position feedback (µs)



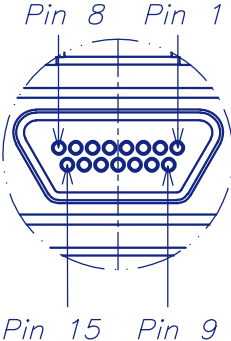
Output shaft angular position (°)

CONNECTOR

Industrial standard J30J-15ZKP electrical connector



J30J-15ZKP PWM+RS485	
1-4、12	DC + Supply voltage
9	NC Do not connect
5-8、13	DC- Supply ground
10-11	PWM Command signal
14	RS485-B
15	RS485-A



J30J-15ZKP PWM+RS485+CAN	
1-4	DC + Supply voltage
5-8	DC- Supply ground
9	NC Do not connect
10-11	PWM Command signal
12	CAN-H
13	CAN-L
14	RS485-B
15	RS485-A

Motor data tested at 25°C. Motor operation exceeding continuous limits will reduce life or result in damage.
At elevated ambient temperatures, load current must be reduced.

Download datasheet: <https://assunmotor.com/documents-download>

Visit Our Website and Online Shop at <https://assunmotor.com> Contact: info@assunmotor.com

Specifications are subject to change without notice. Copyright Assun Motor Pte Ltd. All Rights Reserved.

SERVO ACTUATOR