

For Reference

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ABC Company
commissioning
R & D

Automation-Talk Inc.
R & D

Automation-Talk
TEL:
FAX:
admin@automation-talk.info

Motor Selection Results Report

Thank you for your interest in OMRON Servomotors. This document reports the Servomotor selection results.

Because factors such as mechanisms, friction, and external force are modeled in the computation

process, certain assumptions and simplifications have been incorporated. Please take this into account

when deciding on a motor. (Refer to the attachment,
Precautions Regarding Selections
Made by the Motor Selection Program.)

1. System name :

2. Selection Results

Product name	Model number
Servomotor	R88M-K1K030C
Servo Driver	R88D-KT15F
External regeneration resistance	Not required.
Controller	

3. Calculation Results

Item	Unit	Calculated value	Rated value	Rated ratio	Judgement
Effective torque	N·m	0.4737	3.18	0.15	OK
Torque when stopped	N·m	0	3.18	0.00	OK
Max.torque	N·m	0.6605	9.55	0.07	OK
Inertia	kg·m ² (GD ² /4)	4.81E-3	2.03E-3	2.37	OK
Max.rotational speed	r/min	1500	3000	0.50	OK
Regeneration	J(max.)	29.12	70	0.42	OK
	W	7.28	20	0.36	OK

4. Remarks