Motor/Intermediate Flange Chart

Manufacture: Allen Bradley

Series	Part Number	Wattage (W)	Peak Torque (Nm)	Flange Size (□mm)	KR20 Symbol	KR26 Symbol	KR33 Symbol	KR46 Symbol
				Max Input Torque [Nm]	0.207	0.622	1.244	2.707
MPL	MPL-A/B 1510V	160	0.77	55	---	X26B	X33E	X46C
	MPL-A/B 1520U	270	1.58	55	---	X26B	X33E	X46C
	MPL-A/B 1530U	390	2.80	55	---	X26B	X33E	X46C
	MPL-A/B210V	370	1.50	70	---	---	X33C	X46D
	MPL-A/B220T	620	4.74	70	---	---	X33C	X46D
	MPL-A/B230P	860	8.20	70	---	---	X33C	X46D
	MPL-A/B310P	730/770	3.61	89.4	---	---	---	---
	MPL-A310F	460	3.61	89.4	---	---	---	---
	MPL-A/B320P	1300/1500	7.91	89.4	---	---	---	---
	MPL-A320H	1000	7.91	89.4	---	---	---	---
	MPL-A/B330P	1800	11.1	89.4	---	---	---	---
TLY	TLY/TL-A110 (-AA, METRIC)	41	0.2	40	Q20	Q26	Q33	Q46
	TLY/TL-A120 (-AA, METRIC)	86	0.36	40	Q20	Q26	Q33	Q46
	TLY/TL-A130 (-AA, METRIC)	140	0.76	40	Q20	Q26	Q33	Q46
	TLY/TL-A220 (-AA, METRIC)	350	1.48	60	---	---	X33D	V46
	TLY/TL-A230 (-AA, METRIC)	440	3.05	60	---	---	X33D	V46
	TLY-A120 (-AN, NEMA)	86	0.36	42	---	---	---	---
	TLY-A130 (-AN, NEMA)	140	0.76	42	---	---	---	---
	TLY-A220 (-AN, NEMA)	350	1.48	56.4	---	---	---	---
	TLY-A230 (-AN, NEMA)	440	3.05	56.4	---	---	---	---
VPL	VPL-A/B0631	280	1.3	55	---	X26B	X33E	X46C
	VPL-A/B0632	390	2.7	55	---	X26B	X33E	X46C
	VPL-A/B0633	440	4.1	55	---	X26B		X46C
	VPL-A/B0751	500	2.3	70	---	---	X33C	X46D
	VPL-A/B0752	660	4.4	70	---	---	X33C	X46D
	VPL-A/B0753	800	7.4	70	---	---	X33C	---
	VPL-A/B1001	1290	3.8	89.4	---	---	---	---
	VPL-A/B1002	1600	7.8	89.4	---	---	---	---
	VPL-A/B1003	1900	11.2	89.4	---	---	---	---

Manufacture: Omron

Series	Part Number	Wattage (W)	Peak Torque (Nm)	Flange Size (□mm)	KR20 Symbol	KR26 Symbol	KR33 Symbol	KR46 Symbol
				Max Input Torque (Nm)	0.207	0.622	1.244	2.707
OMNUC G5	R88M-K05030	50	0.48	40	Q20	Q26	Q33	Q46
	R88M-K10030	100	0.95	40	---	Q26	Q33	Q46
	R88M-K20030	200	1.91	60	---	---	---	Y46
	R88M-K40030	400	3.8	60	---	---	---	Y46
OMNUC G	R88M-G05030	50	0.45	40	Q20	Q26	Q33	Q46
	R88M-G10030	100	0.93	40	---	Q26	Q33	Q46
	R88M-GP10030	100	0.84	60	---	---	---	Y46
	R88M-G20030	200	1.78	60	---	---	---	Y46
	R88M-G40030	400	3.6	60	---	---	---	Y46

Manufacture: Yaskawa Electric

Series	Part Number	Wattage (W)	Peak Torque (Nm)	Flange Size (□mm)	KR20 Symbol	KR26 Symbol	KR33 Symbol	KR46 Symbol
				Max Input Torque [Nm]	0.207	0.622	1.244	2.707
Σ-mini	SGMM-A1	10W	0.096	25	N20	N26	---	---
	SGMM-A2	20W	0.191	25	N20	N26	---	---
	SGMM-A3	30W	0.289	25	N20	N26	---	---
Σ-V	SGMJV-A5	50W	0.557	40	Q20	Q26	Q33	Q46
	SGMAV-A5	50W	0.477	40	Q20	Q26	Q33	Q46
	SGMJV-01	100W	1.11	40	Q20	Q26	Q33	Q46
	SGMAV-01	100W	0.96	40	Q20	Q26	Q33	Q46
	SGMAV-C2	150W	1.43	40	---	---	Q33	Q46
	SGMJV-02	200W	2.23	60	---	---	---	V46
	SGMAV-02	200W	1.91	60	---	---	---	V46
	SGMJV-04	400W	4.46	60	---	---	---	V46
	SGMAV-04	400W	3.82	60	---	---	---	V46
Σ-III	SGMAS-A5	50W	0.477	40	Q20	Q26	Q33	Q46
	SGMAS-01	100W	0.96	40	Q20	Q26	Q33	Q46
	SGMPS-01	100W	0.96	40	Q20	Q26	Q33	Q46
	SGMAS-02	200W	1.91	60	---	---	---	V46
	SGMAS-04	400W	3.82	60	---	---	---	V46

Manufacture: Mitsubishi

Series	Part Number	Wattage (W)	Peak Torque (Nm)	Flange Size (□mm)	KR20 Symbol	KR26 Symbol	KR33 Symbol	KR46 Symbol
				Max Input Torque [Nm]	0.207	0.622	1.244	2.707
J2-Jr	HC-AQ013	10	0.0955	28	M20	M26	---	---
	HC-AQ023	20	0.191	28	M20	M26	---	---
	HC-AQ033	30	0.287	28	M20	M26	---	---
J4	HG-KR053	50	0.560	40	Q20	Q26	Q33	Q46
	HG-MR053	50	0.480	40	Q20	Q26	Q33	Q46
	HG-KR13	100	1.100	40	---	---	Q33	Q46
	HG-MR13	100	0.950	40	---	---	Q33	Q46
	HG-KR23	200	2.200	60	---	---	---	V46
	HG-MR23	200	1.900	60	---	---	---	V46
	HG-KR43	400	4.500	60	---	---	---	V46
	HG-MR43	400	3.800	60	---	---	---	V46
J3	HG-AK0136	10	0.095	25	N20	N26	---	---
	HG-AK0236	20	0.191	25	N20	N26	---	---
	HG-AK0336	30	0.286	25	N20	N26	---	---
	HF-MP053	50	0.480	40	Q20	Q26	Q33	Q46
	HF-KP053	50	0.480	40	Q20	Q26	Q33	Q46
	HF-MP13	100	0.950	40	---	---	Q33	Q46
	HF-KP13	100	0.950	40	---	---	Q33	Q46
	HF-MP23	200	1.900	60	---	---	---	V46
	HF-KP23	200	1.900	60	---	---	---	V46
	HF-MP43	400	3.800	60	---	---	---	V46
	HF-KP43	400	3.800	60	---	---	---	V46

Nema Size Motors

Series	Motor Type	Wattage (W)	Peak Torque (Nm)	Flange Size (□mm)	KR20 Symbol	KR26 Symbol	KR33 Symbol	KR46 Symbol
				Max Input Torque [Nm]	0.13	0.435	1.244	2.707
Nema size	Nema 11	--	--	28.2	S20	S26	---	---
	Nema 14	--	--	35.3	---	---	---	---
	Nema 17	--	--	42	R20	R26	R33	---
	Nema 23	--	--	57.15	X20A	X26A	T33	X46A
	Nema 34	--	--	86.1	---	---	X33B	X46B

Manufacture: Oriental Motor

Series	Part Number	Wattage (W)	Peak Torque (Nm)	Flange Size (□mm)	KR20 Symbol	KR26 Symbol	KR33 Symbol	KR46 Symbol
				Max Input Torque [Nm]	0.207	0.622	1.244	2.707
α Step	ASC3*	--	0.055-0.12	28	S20	S26	---	---
	AR/ARL46	--	0.30	42	R20	R26	R33	---
	AS/ASC46	--	0.30	42	R20	R26	R33	---
	AR6*	--	1-2	60	---	---	U33	U46
	ARL6*	--	1.2-2	60	---	---	U33	U46
	AS/ASC6*	--	1.2-2	60	---	---	U33	U46
5 phase	CRK52*	--	0.042-0.09	28	S20	S26	---	---
	CRK54*	--	0.24-0.42	42	R20	R26	R33	---
	CRK56*	--	0.78-2.3	60	---	---	U33	U46
	CSK52*	--	0.033-0.06	28	S20	S26	---	---
	CSK54*	--	0.13-0.42	42	R20	R26	R33	---
	CSK56*	--	0.42-1.66	60	---	---	U33	U46
	RKS54*	--	0.14-0.27	42	R20	R26	R33	---
	RKS56*	--	0.52-1.77	60	---	---	U33	U46
	RK54*	--	0.13-0.24	42	R20	R26	R33	---
	RK56*	--	0.42-1.66	60	---	---	U33	U46
2 phase	UMK24*	--	0.16-0.32	42	R20	R26	R33	---
	UMK26*	--	0.39-1.35	56.4	---	---	T33	---
	CSK24*	--	0.16-0.32	42	R20	R26	R33	---
	CSK26*	--	0.39-1.35	56.4	---	---	T33	---

Manufacture: KOLLMORGEN

Series	Part Number	Wattage (W)	Peak Torque (Nm)	Flange Size (□mm)	KR20 Symbol	KR26 Symbol	KR33 Symbol	KR46 Symbol
				Max Input Torque [Nm]	0.207	0.622	1.244	2.707
AKM1AN	AKM11B	140	0.62	40	Q20	Q26	Q33	Q46
	AKM12C	230	1.08	40	Q20	Q26	Q33	Q46
	AKM13C	300	1.46	40	Q20	Q26	Q33	Q46
AKM2AN	AKM21C	320	1.48	58	---	---	X33A	X46E
	AKM22C	290	2.73	58	---	---	X33A	X46E
	AKM23D	530	3.89	58	---	---	X33A	X46E
	AKM24D	540	4.84	58	---	---	X33A	X46E
AKM3AN	AKM31C	290	3.87	70	---	---	X33C	X46D
	AKM32H	1060	6.22	70	---	---	X33C	X46D
	AKM33E	550	8.95	70	---	---	X33C	X46D

: May require torque limit (pink-shaded cells)

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