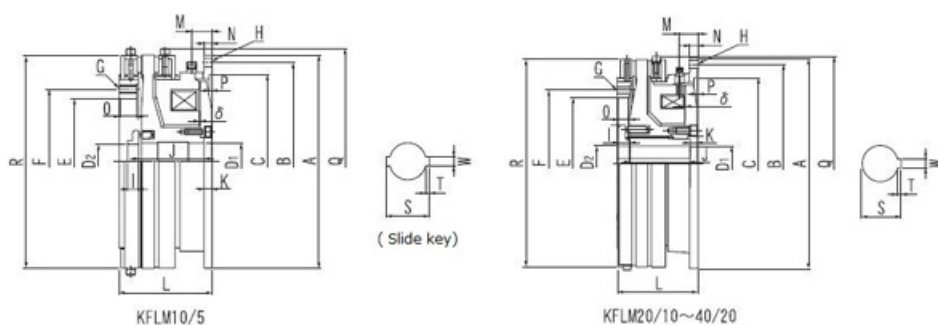


KFLM Type

Single Disc Electromagnetic Clutch / Spring actuated Brake

2023/03/22

Overall View



Part Number



Specifications

Model	Max Speed [min ⁻¹]	Weight [kg]	Dynamic Clutch Torque [N·m]	Static Clutch Torque [N·m]	Dynamic Brake Torque [N·m]	Static Brake Torque [N·m]
KFLM10/5	1800	20.00	100	110	50	55
KFLM20/10	1800	41.00	200	220	100	110
KFLM40/20	1500	65.00	400	440	200	220

Model	Coil 20deg.C Voltage DC [V]	Coil 20deg.C Wattage [W]	Coil 20deg.C Current [A]	Air Gap Clutch on [mm]	Air Gap Clutch off [mm]
KFLM10/5	24	70	2.9	0.5	1.0

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Model	90	111.0	1.23	0.5	1.0
KFLM20/10	90	111.0	1.23	0.5	1.0
KFLM40/20	90	164.7	1.83	0.6	1.2

Diameter

Model	Diameter A [mm]	Diameter B [mm]	Diameter C H7 [mm]	Diameter D1 H7 [mm]	Diameter D2 [mm]	Diameter E H7 [mm]
KFLM10/5	226	210.0	185	40	35	135
KFLM20/10	290	270.0	225	45	45	175
KFLM40/20	345	320.0	275	55	55	210

Model	Diameter F [mm]	Diameter Q [mm]	Diameter R [mm]
KFLM10/5	155.0	242	226
KFLM20/10	200.0	297	285
KFLM40/20	235.0	345	334

Length

Model	Length I [mm]	Length J [mm]	Length K [mm]	Length L [mm]	Length M [mm]	Length N [mm]
KFLM10/5	12.0	72	8.0	101.0	22.0	9.0
KFLM20/10	16.0	90	20.0	125.5	23.0	13.0
KFLM40/20	20.0	98	13.0	132.0	30.0	14.0

Model	Length O [mm]	Length P [mm]
KFLM10/5	19.0	3.0
KFLM20/10	24.0	5.0
KFLM40/20	21.0	7.0

KFLM Type

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Other Specifications

Model	Moment of Inertia J Drive side [× 10-2kg·m ²]	Moment of Inertia J Driven side [× 10-2kg·m ²]	Installation hole G [mm]	Installation hole H [mm]	Axis hole S [mm]	Axis hole T [mm]
KFLM10/5	3.0000	3.2500	6-M8	6-Φ9	47.0	0.5
KFLM20/10	9.3000	12.0000	6-M10	6-Φ12	48.7	3.7
KFLM40/20	15.5000	26.0000	8-M12	6-Φ13	60.0	5.0

Model	Axis hole W H7 [mm]
KFLM10/5	10
KFLM20/10	12
KFLM40/20	15

Notes

1. For this product, power unit of over excitation type which applies 2 - 4 times of rated voltage at power supply (approximately 1 second) shall be utilized.
2. No power supply unit and power unit are attached, which shall be ordered separately with reference to electromagnetic clutch / electric component for brake.