KINSHOFER Rotators

KINSHOFER is a manufacturer of rotators for excavators, truck loaders and logging operations. Many years of experience in designing rotators and hydraulic load handling equipment allow the production of very efficient and long lasting rotators, specially tailored to each operational requirement.

- **Wide range**: depending on the usage and carrier unit the load capacity, up to 15t/33000lbs and the design – a rotator with flange or with shaft is possible to use.
- **"Gear-type"-design**: ensures very compact and powerful rotators. Precise control of approach and stop – even at a high oil temperature.
- **Endless rotation with integrated oil ducts** for one hydraulic circuit as standard; rotators with four oil passages are also available.
- **The pressure relief valve** allows the rotator independence from the hydraulic system of the excavator and prevents overstressing.
- **Safe admission of pressure, move and bending load** through big dimensioned roller bearings.
- **Minimization of abrasion:** by using high quality tempered steel, the outer surface is hardened through a nitrate-coating.

Request? exc@kinshofer.com

Product Range Rotators

Type	Load capacity (kg/lbs)	Upper connection (width x pin-Ø) (mm/in)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)	Hydraulic connections rotator	Hydraulic connections grab	Weight (kg/lbs)
KM 04 F	4,500 / 9,900	84 x 30 / 3.3 x 1.1	850 / 626	3,000 / 2,212	M18x1,5	M18x1,5	26 / 57.2
KM 04 F140-30USE	4,500 / 9,900	84 x 30 / 3.3 x 1.1	1,000 / 737	8,500 / 6,268	M18x1,5	M18x1,5	31 / 68.2
KM 04 F140-30VE	4,500 / 9,900	84 x 30 / 3.3 x 1.1	850 / 626	3,000 / 2,212	M18x1,5	M18x1,5	26 / 57.2
KM 06 F140-40	6,000 / 13,200	84 x 40 / 3.3 x 1.5	1,000 / 737	8,500 / 6,268	G 1/2"	G 1/2"	34 / 74.8
KM 07 F180-40	7,000 / 15,400	84 x 40 / 3.3 x 1.5	2,000 / 1,475	15,000 / 11,062	G 1/2"	M 27x2	76 / 167.2
KM 10 F173-45E	10,000 / 22,000	100 x 45 / 3.9 x 1.7	2,000 / 1,475	12,000 / 8,850	G 1/2"	G 1/2"	65 / 143
KM 10 F180-50	10,000 / 22,000	110 x 50 / 4.3 x 1.9	2,000 / 1,475	15,000 / 11,062	G 1/2"	M 27x2	78 / 171.6

Product Range Rotators Without Head Plates

Type	Load capacity (kg/lbs)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)	Hydraulic connections rotator	Hydraulic connections grab	Weight (kg/lbs)
KM 04 F140/150	4,500 / 9,900	850 / 626	3,000 / 2,212	M18x1,5	M18x1,5	34 / 74.8
KM 06 F 140/180	6,000 / 13,200	1,000 / 737	8,500 / 6,268	G 1/2"	G 1/2"	38 / 83.6
KM 06 F173/180	6,000 / 13,200	1,000 / 737	8,500 / 6,268	G 1/2"	G 1/2"	34 / 74.8
KM 07 F275/180	7,000 / 15,400	2,000 / 1,475	14,000 / 10,325	G 1/2"	G 3/4"	73 / 160.6
KM 10 F173/180	10,000 / 22,000	2,000 / 1,475	12,000 / 8,850	G 1/2"	M27x2	60 / 13.2
KM 10 F214/180	10,000 / 22,000	1,000 / 737	12,000 / 8,850	G 1/2"	G 1/2"	44 / 96.8
KM 10 F275/180V	10,000 / 22,000	2,000 / 1,475	14,000 / 10,325	G 1/2"	G 3/4"	73 / 160.6
KM 15 F340/220	15,000 / 33,000	3,000 / 2,212	25,000 / 18,437	G 1/2"	G 3/4"	160 / 352
KM 15 F273/273	15,000 / 33,000	2,000 / 1,475	50,000 / 36,875	G 1/2"	G 3/4"	71 / 156.2

Head Plates for Rotators

Type	for rotators	Load capacity (kg/lbs)	Eye width (mm/in)	Pin diameter (mm/in)
KM 692 4t-6t 30	**KM 04 F140/150**	4,500 / 9,900	84 / 3.3	30 / 1.1
KM 692 4t-6t 40	**KM 06 F173/180**	6,000 / 13,200	84 / 3.3	40 / 1.5
KM 692 7t-10t 40	**KM 07 F275/180**	7,000 / 15,400	84 / 3.3	40 / 1.5
KM 692 7t-10t 50	**KM 10 F173/180 - KM 10 F275/180V**	10,000 / 22,000	110 / 4.3	50 / 1.9
KM 692 7t-10t 60	**KM 10 F173/180 - KM 10 F275/180V**	10,000 / 22,000	125 / 4.9	60 / 2.3
KM 692 15t 70 273	**KM 15 F273/273**	15,000 / 33,000	180 / 7	70 / 2.7
KM 692 15t 70 340	**KM 15 F340/220**	15,000 / 33,000	180 / 7	70 / 2.7

KM 04 F

KM 04 F USE

KM 06 F140-40

KM 10 F214/180

KM 10 F275-50

KM 15 F273/273

We reserve the right to amend specifications without prior notice. KINSHOFER GmbH, 83607 Holzkirchen, Germany