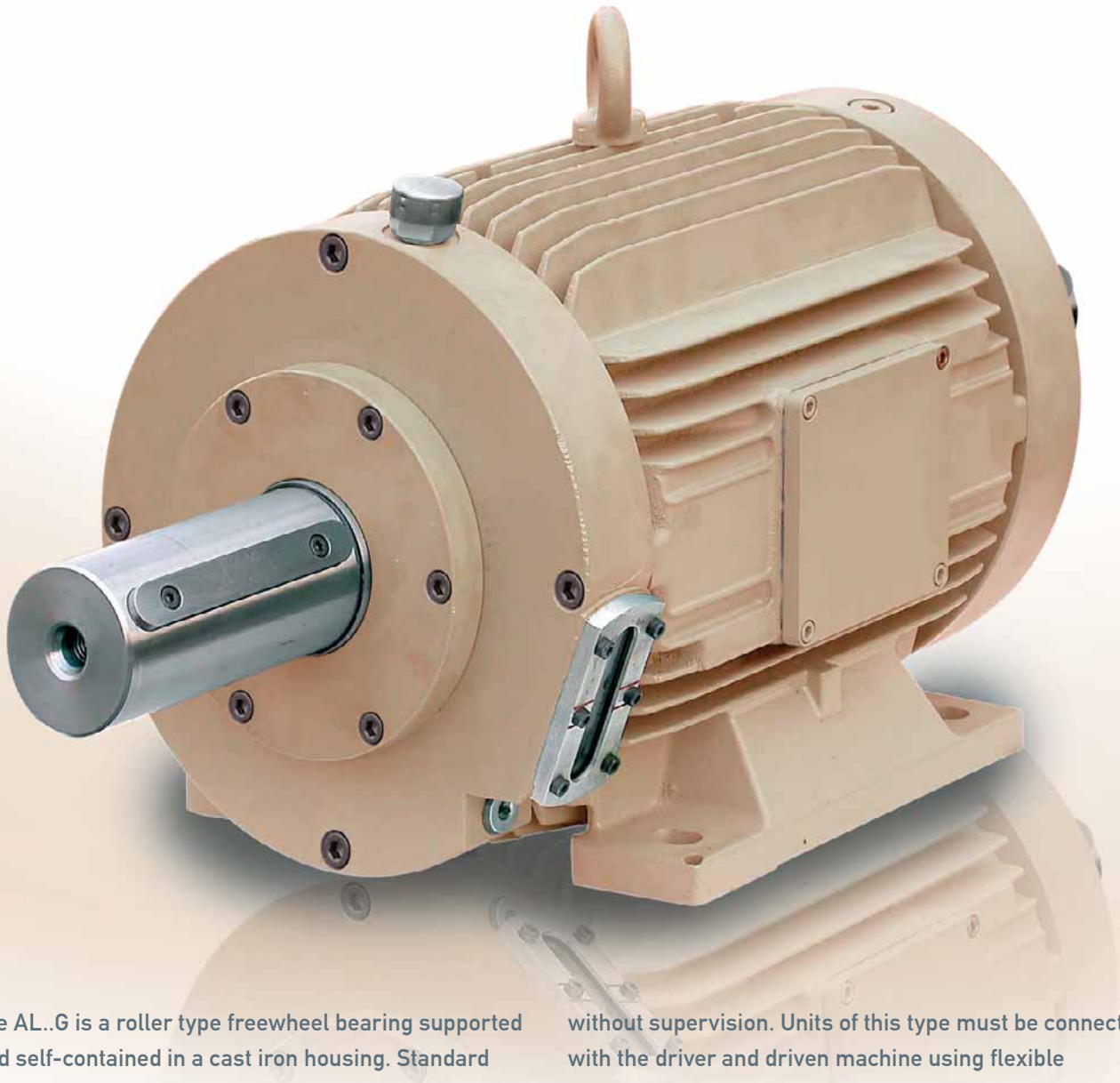


AL..G

TYPE



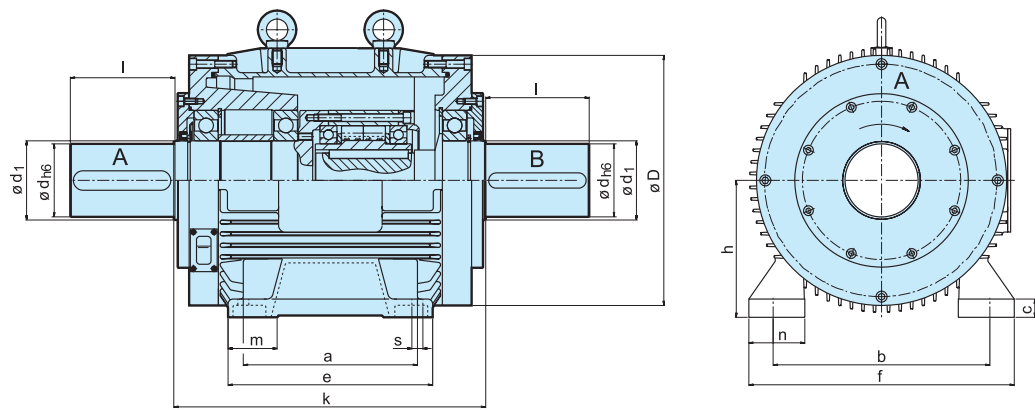
Type AL..G is a roller type freewheel bearing supported and self-contained in a cast iron housing. Standard lubrication is oil.

This type is designed for dual or standby drives on large equipment requiring high power at high speeds such as, industrial fans, pumps, and turbines. The housing provides a cooling surface, a large oil volume and maximum safety for equipment running continuously

without supervision. Units of this type must be connected with the driver and driven machine using flexible couplings.

Integrated forced lubrication allows hydrodynamic contact free operation during overrunning. The given overrunning speeds are valid for a maximum ambient temperature of 40°C. On request oil circulation from an external source, or additional air cooling can be provided.

AL..G



Type	Size	Overrunning Speed shaft A																Weight
		$T_{KN}^{1)}$ (Nm)	n_{max} (min ⁻¹)	d_{h6} (mm)	l (mm)	k (mm)	D (mm)	d_1 (mm)	h (mm)	m (mm)	n (mm)	f (mm)	e (mm)	a (mm)	b (mm)	s (mm)	c (mm)	(kg)
AL..G	30-G1	288	5500	38	80	280	194	45	100	33,5	42	200	175	140	160	14	14	50
	40-G2	612	4000	42	110	330	258	55	132	40	55	260	218	178	216	14	16	85
	50-G3	1375	3400	65	140	430	310	80	160	58	71,5	318	260	210	254	18	22	115
	60-G3	2250	2900	75	140	430	310	80	160	58	71,5	318	260	210	254	18	22	125
	70-G3	3312	2600	75	140	430	310	80	160	58	71,5	318	260	210	254	18	22	138
	80-G4	5000	2400	90	170	510	434	95	225	80,5	92	436	346	286	356	22	30	284
	90-G4	9375	2000	120	170	510	434	130	225	80,5	92	436	346	286	356	22	30	300
	100-G4	11900	1700	100	210	510	434	130	225	80,5	92	436	346	286	356	22	30	330
	120-G5	20000	1500	120	210	800	610	130	315	100	131	620	550	457	508	30	46	980
	150-G5	45000	1200	160	250	800	610	190	315	100	131	620	550	457	508	30	46	1100

NOTES

- 1) $T_{max} = 2 \times T_{KN}$
 » Refer to Selection page 10 to 13
 Keyway to DIN 6885.1

rotation seen from shaft „A“: „R“ Shaft „A“ overruns in clockwise direction, „L“ Shaft „A“ overruns in counterclockwise direction

Note: The constant overrunning function must be performed by the driven shaft „A“

- » Refer to mounting and maintenance instructions page 16 to 19

MOUNTING EXAMPLE

