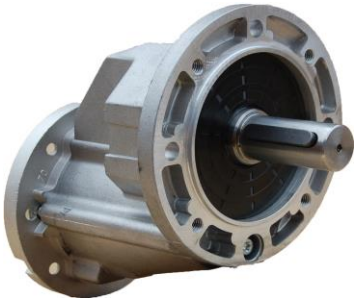
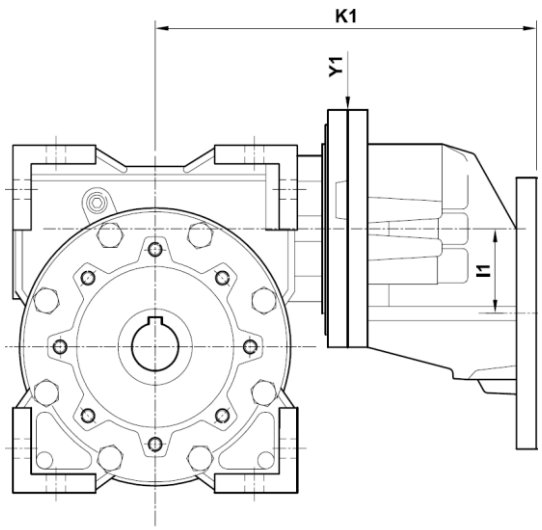




Summary

The helical gearboxes series FXA are manufactured as follows: aluminium die cast housing and covers, helical gears in alloy steel, case hardened, tempered and shaved. Gears - designed and verified according to ISO 6336 and DIN 3990 - and bearings are calculated for at least 15,000 running hour average lifetime. Keyways according to DIN 6884.



Dimensions

Size	I1	K1	Y1	Wt (kg)
FCNDK40/FXA63	32	153	105	3.8
FCNDK50/FXA63	32	163	105	5.0
FCNDK50/FXA71	40	170	120	5.7
FCNDK63/FXA63	32	278	105	7.7
FCNDK63/FXA71	40	185	120	8.4
FCNDK63/FXA80	50	209	140	9.2
FCNDK75/FXA71	40	203	120	11.2
FCNDK75/FXA80	50	227	140	12.0
FCNDK90/FXA71	40	220	120	15.2
FCNDK90/FXA80	50	244	140	16.0
FCNDK110/FXA80	50	274	140	38.0
FCNDK110/FXA100	63	337	200	42.0
FCNDK130/FXA100	63	357	200	55.0
FCNDK150/FXA100	63	390	250	91.0

Size	Performance			Motor Input Options					
	Ratio	KW	Nm	56B14-B5	63B14-B5	71B14-B5	80B14-B5	90B14-B5	100B14-B5
FXA63	**3.53**	0.50	12						
	6.18	0.23	10						
	7.77	0.18	9						
FXA71	**3.53**	1.10	26						
	6.40	0.52	22						
	8.00	0.37	20						
FXA80	**3.42**	3.10	68						
	6.40	1.50	65						
	8.30	1.10	60						
FXA100	**3.88**	8.70	235						
	6.23	4.00	163						
	8.40	2.20	136						

The FXA gearboxes are delivered filled With synthetic long-life oil (without plugs) and in the appropriate quantity to install them in any mounting position without prior specification.