



rotomotive
powerdrives

Indo-Italian Joint Venture Company

ROBUS Series

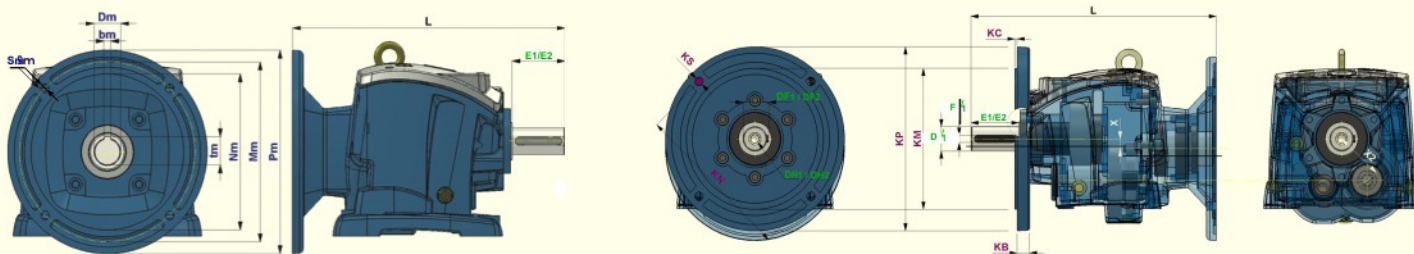


Helical Gearboxes

- Unicase cast iron body for extreme rigidity
- All gears hardened and ground to Din class 6
- Flexibility in converting from Foot to Flange
- Multiple mounting positions offer usage flexibility
- Top opening for easy maintenance. Diecast aluminum cover
- Multiple input and output flange options
- Oversized bearings for dual support on all gears
- Synthetic lubrication

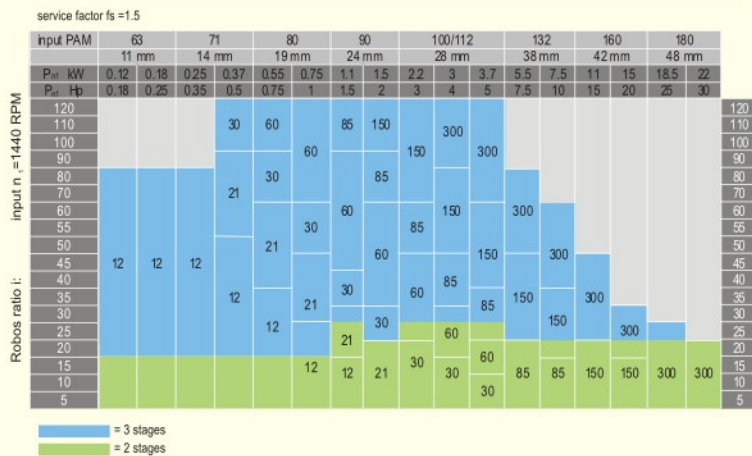
DIMENSIONS

ROBUS	motor type		Nm	Mm	Pm	Sm	Dm	tm	bm	L	
										D1	D1
12	63	B14	60	75	90	Ø6	11	12.8	4	203.0	213.0
	71	B14	70	85	105		14	16.3	5	210.0	220.0
	80	B14	80	100	120	Ø7	19	21.8	6	230.0	240.0
21	71	B5	110	130	160	M8					
	71	B14	70	85	105	Ø7	14	16.3	5	273.0	283.0
	80	B5	130	165	200	M10					
	80	B14	80	100	120	Ø7	19	21.8	6	274.0	284.0
	90	B5	130	165	200	M10					
30	90	B14	95	115	140	Ø9	24	27.3	8		
	71	B5	110	130	160	M8	14	16.3	5	317.6	327.6
	80	B5	130	165	200	M10	19	21.8	6	326.6	336.6
	100/112	B5	180	215	250	M12	28	31.3	8	327.6	337.6
60	100/112	B14	110	130	160	Ø9	28	31.3	8		
	80	B5	130	165	200	M10	19	21.8	6	366.0	376.0
	90	B5	130	165	200	M10	24	27.3	8		
85	100/112	B5	180	215	250	M12	28	31.3	8	367.0	377.0
	90	B5	130	165	200	M10	24	27.3	8	396.5	416.5
	100/112	B5	180	215	250	M12	28	31.3	8	398.5	418.5
150	132	B5	230	265	300	M12	38	41.3	12	410.5	430.5
	90	B5	130	165	200	M10	24	27.3	8	447.0	467.0
	100/112	B5	180	215	250	M12	28	31.3	8	450.0	470.0
	132	B5	230	265	300	M12	38	41.3	12	520.0	540.0
	160	B5	250	300	350	M16	42	45.3	12	567.4	587.4
300	100/112	B5	180	215	250	M12	28	31.3	8		
	132	B5	230	265	300	M12	38	41.3	12	585.6	605.6
	160	B5	250	300	350	M16	42	45.3	12		
	180	B5	250	300	350	M16	48	51.8	14		

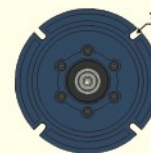


ROBUS	IEC	KP	KM	KN	KS	KC	KB	D1/D2	E1/E2	F1/F2	DF1/DF2	DH1/DH2	X	X2	Type	B	BA	A	AB	O	H	H2	C
12	63B5#	140	95	115	10	3	9	20 (k6)	40	6	23	M5x12.5	25	51.9	SW	110	140	110	162	9	105	162	18
								25(k6)	50	8	28	M10x20											
21	80/90B5#	200	130	165	11	3.5	12	25(k6)	50	8	28	M10x20	11	52.5	SW	130	172	110	182	9	90 (100**)	193.6	25
								30 (k6)	60	8	33	M10x20											
30	80/90B5#	200	130	165	11	3.5	12	30 (k6)	60	8	33	M10x20	13.5	66	SW	165	203	135	233	14	115	238.6	30
								35 (K6)	70	10	38	M12x24											
60	100/112B5#	250	180	215	14	4	15	35 (k6)	70	10	38	M12x24	17	72	SW	195	238	150	258	14	130	264	30
								40 (k6)	80	12	43	M16x32											
85	132B5#	300	230	265	14	4	21	40 (k6)	80	12	43	M16x32	16	80	SW	205	256	170	293	18	140	287	35
								50 (k6)	100	14	53.5	M16x32											
150	160/180B5#	350	250	300	18	5	21	50 (k6)	100	14	53.5	M16x32	18	103	SW	260	336	215	364	18	180	357	40
								60 (m6)	120	18	64	M20x40											
300	225B5#	450	350	400	18	5	25	60 (m6)	120	18	64	M20x40	20	120	SW	310	382	250	430	22	225	428	40
								70 (m6)	140	20	74.5	M20x40											

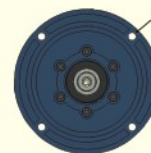
SELCTION GUIDE KW / SIZE / RATIO



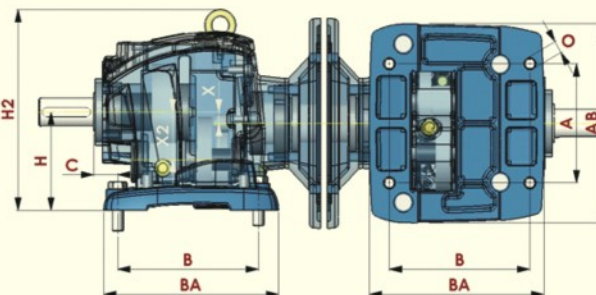
**H=100 for B14 input flange



Output Flange with Slot



Output Flange with Hole



(Designs being continuously improved, please re-confirm specifications & dimensions prior to ordering)



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Authorised Dealer