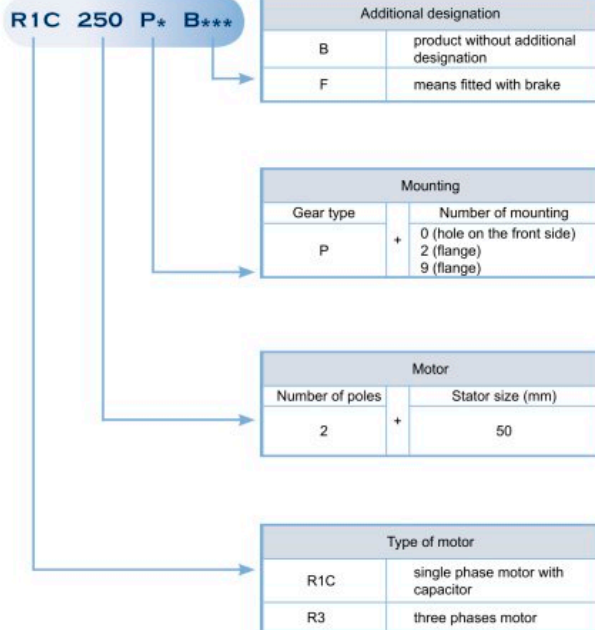
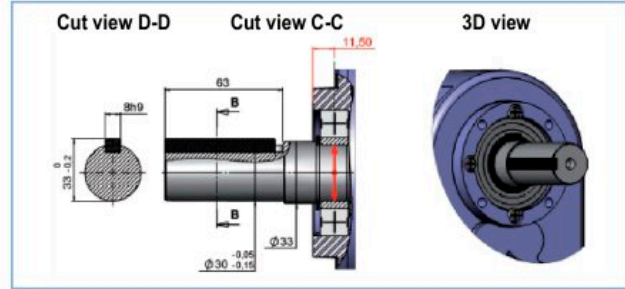


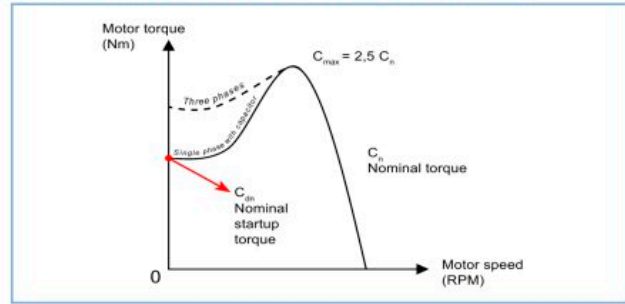
GEAR MOTOR DESIGNATION



STANDARD MASSIVE SHAFT



CHARACTERISTIC CURVE OF A SIREM ASYNCHRONOUS MOTOR



TECHNICAL FEATURES

Designation and Motor type	Gearbox						Motor									
	Gearbox speed (RPM)	Nominal torque (daNm)	Nominal startup torque (daNm)	Maximum radial load (daN)	Maximum axial load (daN)	Gearbox ratio	Output power (watts)	Motor torque (Ncm)	Motor speed (RPM)	Rated current under 230v (A)	I _{in}	Cd/Cn	Cos φ	Service class	Capacitor (µF)	Weight (kg)
Single phase motors																
R1C 450 P B	6.6	17	7.3	270	170	1/204	137	90	1375	1	2.2	0.43	0.93	S1	12	10
R1C 450 P B	11.5	10	4.3	220	130	1/120	137	90	1375	1	2.2	0.43	0.93	S1	12	10
R1C 450 P B	14	8	3.4	210	120	1/95	137	90	1375	1	2.2	0.43	0.93	S1	12	10
R1C 450 P B	16	7.5	3.2	200	115	1/86	137	90	1375	1	2.2	0.43	0.93	S1	12	10
R1C 250 P B	23	8.5	5.7	175	95	1/120	220	76	2750	1.67	1.84	0.67	0.85	S1	12	10
R1C 250 P B	28	6.9	4.6	164	86	1/95	220	76	2750	1.67	1.84	0.67	0.85	S1	12	10
R1C 250 P B	32	6.2	4.2	160	82	1/86	220	76	2750	1.67	1.84	0.67	0.85	S1	12	10
R1C 250 P B	40	4.3	2.9	140	70	1/59	220	76	2750	1.67	1.84	0.67	0.85	S1	12	10
R1C 250 P B	50	7.2	2.7	137	67	1/54	400	140	2760	2.44	2.6	0.38	0.96	S1	16	10
R1C 250 P B	60	3.4	2.3	130	60	1/47	220	76	2750	1.67	1.84	0.67	0.85	S1	12	10
R1C 250 P B	70	5.1	1.9	122	56	1/38.5	400	140	2760	2.44	2.6	0.38	0.96	S1	12	10
R1C 250 P B	100	3.6	1.4	109	49	1/27	400	140	2760	2.44	2.6	0.38	0.96	S1	12	10
R1C 250 P B	130	2.8	1.1	99	43	1/21	400	140	2760	2.44	2.6	0.38	0.96	S1	12	10
Three phases motors																
R3 450 P B	6.6	17	30.6	270	170	1/204	120	90	1350	0.6	3	1.8	0.72	S1	-	10
R3 450 P B	11.5	10	18.0	220	130	1/120	120	90	1350	0.6	3	1.8	0.72	S1	-	10
R3 450 P B	14	8	14.4	210	120	1/95	120	90	1350	0.6	3	1.8	0.72	S1	-	10
R3 450 P B	16	7.5	13.5	200	115	1/86	120	90	1350	0.6	3	1.8	0.72	S1	-	10
R3 250 P B	23	8.5	21.3	175	95	1/120	220	76	2750	0.9	4.2	2.5	0.86	S1	-	10
R3 250 P B	28	6.9	17.3	164	86	1/95	220	76	2750	0.9	4.2	2.5	0.86	S1	-	10
R3 250 P B	32	6.2	15.5	160	82	1/86	220	76	2750	0.9	4.2	2.5	0.86	S1	-	10
R3 250 P B	40	4.3	10.8	140	70	1/59	220	76	2750	0.9	4.2	2.5	0.86	S1	-	10
R3 250 P B	50	7.2	12.6	137	67	1/54	400	140	2750	1.5	4.2	1.75	0.81	S1	-	10
R3 250 P B	60	3.4	8.5	130	60	1/47	220	76	2750	0.9	4.2	2.5	0.86	S1	-	10
R3 250 P B	70	5.1	8.9	122	56	1/38.5	400	140	2750	1.5	4.2	1.75	0.81	S1	-	10
R3 250 P B	100	3.6	6.3	109	49	1/27	400	140	2750	1.5	4.2	1.75	0.81	S1	-	10
R3 250 P B	130	2.8	4.9	99	43	1/21	400	140	2750	1.5	4.2	1.75	0.81	S1	-	10

* : Applied on the bearings (see detail C on shaft)