



CHM PERFORMANCE WITH 4-POLE MOTORS

1400 REVS. INPUT

CHM 30

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	0.22	9	2.1
10	140.0	0.22	11	1.6
15	93.3	0.22	16	1.0
20	70.0	0.22	20	0.9
25	56.0	0.18	20	1.0
30	46.7	0.18	22	0.9
40	35.0	0.18	21	0.8
50	28.0	0.18	19	0.8
60	23.3	0.09	18	0.9
80	17.5	0.09	13	0.9

CHM 063

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	1.50	67.4	1.8
10	140.0	1.50	88.6	1.4
15	93.3	1.50	126	1.1
20	70.0	1.50	164	0.8
25	56.0	1.10	145	0.9
30	46.7	1.10	165	1.0
40	35.0	0.75	143	1.0
50	28.0	0.55	122	1.1
60	23.3	0.55	138	0.9
80	17.5	0.37	114	1.1
100	14.0	0.37	127	0.9

CHM 110

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	7.50	344	1.6
10	140.0	7.50	453	1.3
15	93.3	7.50	659	1.0
20	70.0	5.50	635	1.0
25	56.0	4.00	573	1.2
30	46.7	4.00	645	1.1
40	35.0	3.00	636	1.1
50	28.0	3.00	764	0.9
60	23.3	2.20	645	1.0
80	17.5	1.50	546	0.9
100	14.0	1.10	470	1.0

CHM 040

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	0.55*	22	1.6
10	140.0	0.55*	30	1.4
15	93.3	0.55*	44	0.9
20	70.0	0.55*	38	1.0
25	56.0	0.37	45	0.9
30	46.7	0.37	52	0.8
40	35.0	0.25	43	0.9
50	28.0	0.22	44	0.9
60	23.3	0.18	42	0.8
80	17.5	0.18	36	0.8
100	14.0	0.18	35	0.8

CHM 075

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	4.00	180	1.0
10	140.0	4.00	237	0.8
15	93.3	3.00	260	0.8
20	70.0	1.50	167	1.2
25	56.0	1.50	204	1.0
30	46.7	1.50	232	1.0
40	35.0	1.10	214	1.0
50	28.0	0.75	176	1.2
60	23.3	0.75	199	1.0
80	17.5	0.55	178	1.1
100	14.0	0.55	203	0.9

CHM 130

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	7.50	348	2.2
10	140.0	7.50	455	1.8
15	93.3	7.50	660	1.2
20	70.0	7.50	877	1.0
25	56.0	7.50	1071	0.9
30	46.7	7.50	1225	0.8
40	35.0	5.50	1173	0.9
50	28.0	4.00	1023	0.9
60	23.3	3.00	886	1.1
80	17.5	3.00	1112	0.8
100	14.0	1.50	652	1.1

CHM 050

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	0.75	33.3	2.0
10	140.0	0.75	43.9	1.6
15	93.3	0.75	62.6	1.2
20	70.0	0.75	80	0.9
25	56.0	0.55	70	1.0
30	46.7	0.55	80	1.0
40	35.0	0.37	67	1.1
50	28.0	0.37	78	0.9
60	23.3	0.37	87	0.8
80	17.5	0.25	70	0.9
100	14.0	0.18	59	0.9

CHM 090

i=ratio	n2 r/min	Kw=p1	Nm=T2	f.s.
7.5	186.7	4.00	184	1.5
10	140.0	4.00	242	1.3
15	93.3	4.00	351	1.1
20	70.0	4.00	456	0.8
25	56.0	3.00	417	0.8
30	46.7	3.00	478	0.9
40	35.0	1.50	306	1.2
50	28.0	1.50	367	1.0
60	23.3	1.50	421	0.8
80	17.5	0.75	257	1.1
100	14.0	0.75	300	0.9

* SIZE 71 MOTORS

If a dimension is critical to your application please contact our sales department for confirmation.
Please note : errors and omissions excepted.