



4.5 Potenza termica

4.5 Thermal power

4.5 Thermische Leistung

I valori delle potenze termiche, P_{t0} (kW), relative alle diverse grandezze di riduttori pendolari sono riportati nella tabella seguente in funzione della velocità di rotazione in entrata del riduttore.

The following table shows the values of thermal power P_{t0} (kW) for each gearbox size on the basis of rotation speed at gear-box input.

Die folgende Tabelle enthält die Werte P_{t0} der thermischen Leistung (kW) je nach Getriebegröße und abhängig von Drehzahlen am Getriebeantrieb.

Tab. 2

n_1 [min ⁻¹]	P_{t0} [kW] - Potenza Termica / Thermal power / Thermische Leistung									
	PA63A	PA63B	PA80A	PA80B	PA100A	PA100B	PA125A	PA125B	PA160A	PA160B
1400	4.6	3.2	8.3	5.9	12.7	8.9	18.5	13.1	29.0	20.5
2800	3.9	2.8	7.0	5.0	10.8	7.6	15.7	11.1	24.7	17.4

4.6 Dati tecnici

4.6 Technical data

4.6 Technische Daten

P	$n_1 = 1400$			PC				PA	
	in	ir	n_2 rpm	T_2 Nm	P1 kW	FS'	IEC	T_{2M} Nm	P kW
63A	5	5.09	275					190	5.6
	6.3	6.10	230					180	4.5
	8	7.89	177					170	3.3
63B	10	10.35	135	121	1.8	1.9		230	3.4
	12.5	13.18	106	154	1.8	1.6	63 71	240	2.8
	16	15.79	89	184	1.8	1.4	80	250	2.4
	20	20.33	69	237	1.8	1.1	90 (B5)	260	2.0
	25	25.88	54	252	1.5	1.1		270	1.6
	31.5	31.01	45	221	1.1	1.3	80 (B14)	280	1.4
	40	40.10	35	234	0.9	1.2		270	1.0
80A	5	5.09	275					380	11.3
	6.3	6.10	230					360	8.9
	8	7.89	177					340	6.5
80B	10	10.20	137	264	4	1.7		460	7.0
	12.5	12.98	108	337	4	1.4	71 80	480	5.7
	16	15.56	90	403	4	1.2	90	500	5.0
	20	20.36	69	520	4	1.0	100	520	4.0
	25	24.40	57	474	3	1.1	112 (B5)	540	3.4
	31.5	31.05	45	443	2.2	1.3		560	2.8
	40	37.21	38	530	2.2	1.0	90* (B14)	540	2.2
	50	48.12	29	468	1.5	1.1		520	1.7
	63	62.23	22	444	1.1	1.1		500	1.2
100A	5	5.09	275					760	22.6
	6.3	6.10	230					720	17.8
	8	7.89	177					680	13.0
100B	10	10.20	137	608	9.2	1.5		920	13.9
	12.5	12.98	108	774	9.2	1.2		960	11.4
	16	15.56	90	927	9.2	1.1		1000	9.9
	20	20.36	69	990	7.5	1.1	80 90	1040	7.9
	25	24.40	57	870	5.5	1.2	100	1080	6.8
	31.5	31.05	45	1107	5.5	1.0	112 (B5)	1120	5.6
	40	37.21	38	965	4	1.1		1080	4.5
	50	48.12	29	936	3	1.1		1040	3.3
	63	62.23	22	887	2.2	1.1		1000	2.5

P	$n_1 = 1400$			PC				PA	
	in	ir	n_2 rpm	T_2 Nm	P1 kW	FS'	IEC	T_{2M} Nm	P kW
125A	5	5.09	275					1520	45.1
	6.3	6.10	230					1440	35.7
	8	7.89	177					1360	26.1
125B	10	10.20	137	1454	22	1.3		1840	27.8
	12.5	12.98	108	1851	22	1.0		1920	22.8
	16	15.56	90	1865	18.5	1.1	80 90	2000	19.8
	20	20.36	69	1979	15	1.1	100	2080	15.8
	25	24.40	57	1739	11	1.2	112 132	2160	13.7
	31.5	31.05	45	2214	11	1.0	160 180 (B5)	2240	11.1
	40	37.21	38	2160	9.2	1.0		2160	9.2
	50	48.12	29	1715	5.5	1.2		2080	6.7
	63	62.23	22	1613	4	1.2		2000	5.0
160A	5	5.09	275					3040	90.2
160B	10	10.20	137	1983	30	1.9		3680	55.7
	12.5	12.98	108	2524	30	1.5		3840	45.6
	16	15.56	90	3024	30	1.3	100	4000	39.7
	20	20.36	69	3959	30	1.0	112 132	4160	31.5
	25	24.40	57	3479	22	1.2	160 180 200 (B5)	4320	27.3
	31.5	31.05	45	4427	22	1.0		4480	22.3
	40	37.21	38	3617	15	1.2		4320	17.9
	50	48.12	29	3430	11	1.2		4160	13.3
	63	62.23	22	3710	9.2	1.1		4000	9.9

* Flange quadrate / Square flanges / Viereckige Flansche

Verifica termica necessaria / Thermal rating needed / Thermische - Prüfung erforderlich