

$$Fp = 0,85 \quad | \quad P = 79.281 \text{ W}$$

$$Po = 15 \quad | \quad \eta = 93.2 + \eta_A$$

$$P_{\text{rend}} = 94.6 \quad \left\{ Q = 49.134 \text{ VA}_n \right.$$

Motor 2

~	3 kW(HP-cv)	75(100)	250S/M
MOTOR INDUCAO - CAIXOLA		IS SF 1.15	Hz 60
V	220/380/440	A	244/141/122
RPM min	1775	IA	7.2
REC DUTY	S1	PF	0.85
ISOL. INSL.	F	REND(%)	94.6
Δt	80 K	AMB.	40°C
CAT DES	N	U.F.S. S.F.A.	281/162/140 A
IPW55	Alt 1000	PLS.M. PL.S.S.L.	49.1 kg

Motor 3

$$P = \frac{79}{0.946}$$

$$P = 79.281 //$$

$$\eta = \frac{P}{Fp}$$

$$\eta = \frac{79.281}{0.85}$$

$$\eta = 93.2 +$$

$$Q = \sqrt{s^2 - p^2}$$

$$Q = \sqrt{93.27^2 - 79.28^2}$$

$$Q = 49.134 //$$