

**MOTOR DATA**

Motor serie	HQLa 132 P		Nr. of poles	Poles	nr	4	Rotor inertia	J	kgm2	0.123
Motor type	AC Induction		Nominal voltage	Un	V	400	Motor weight	wgt	kg	140
Nominal speed	nn	rpm	1500	Nominal current	In	A	68,7	Protection degree	IP	23
Nominal power	Pn	kW	37.0	Nominal freq.	Fn	Hz	50.0	Cooling method		air
Nominal torque	Mn	Nm	236	Standstill current	Io	A	0	Cooling type		IC
Standstill torque	Mo	Nm	#	Peak current	Imax	A	0	Ambient temp.	Ta	°C
Peak torque	Mmax	Nm	460	Efficiency	Eff.	%	93.7	Construction		IM B35 (IM 2001)
Speed @ Pn	n1	rpm	2400	Power factor	pf		#	Installation altitude	m	1000
Max mech. speed	nmax	rpm	8000	Insulation / temp.	CL		F			

**COOLING & ELECTRIC FAN DATA**

Fan type	radial		Fan nominal current	In	A	0.73	Liquid @ 20°C	Flow	l/min	#
Fan power supply	Un	V	3x400/460	Fan nominal power	Pn	kW	0.25	Max. liquid pressure	Bar	#
Fan nominal freq.	fn	Hz	50/60	Fan noise level		dB(A)	81	Req. cooling capacity	kW	#

**BEARINGS**

DE Bearing	6309 ZZ C3		Max cont. speed	rpm	4690	Max axial load	N	1500
NDE Bearing	6209 ZZ C3		Max radial load	N	2600	Shaft connection		Coupling
Max speed		rpm	6700					

**BRAKE**

Parking brake	type		#	Brake rotor inertia	J	kgm2	#	Coil power	Pn	W	#
Static torque	M	Nm	#	Max work	P	J	#	Rectifier supply	Un	Vac	#
Brake max speed	nmax	rpm	#	Rectifier output		Vdc	#				

**ENCODER**

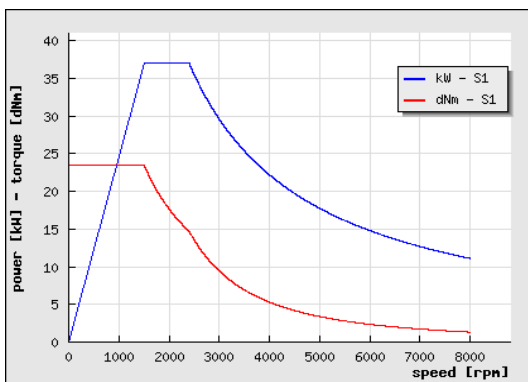
Type	Incremental		Input supply	5...30Vdc		Protocol		#
Pulses	1024 ppr		Channels	(A A-, B B-, Z Z-)		Code		VFS-60A-1024 TTL
Output	5V TTL							

**FLANGE / SHAFT**

Mounting	B3 (IM 1001)		Motor shaft	dim.	mm	42x110	Balancing degree	CL	A [R]
Motor flange	dim.	mm	250-300-350	Shaft Without Keyway		no	Balancing method		half key
Flange tolerance	standard								

**OPTIONS**

Vertical installation	#	PT100 resistor	no	Hand release for brake	no
Terminal box position	top	PT100 for bearings	no	Epoxy primer	no
Increased size terminal box	no	Air flow switch	no	Epoxy varnish	no
Fan unit position	top	Space heaters	no	UL standard	no
PTO (klixon)	yes	Windings tropicalization	no	Brush for shaft currents	no
PTC thermistors	no	Stainless steel screws	no	Color	RAL 7037
KTY84-130	no				

**CUSTOMER NOTES & DIAGRAM**

Max bearings speed 6700

Max brake speed #