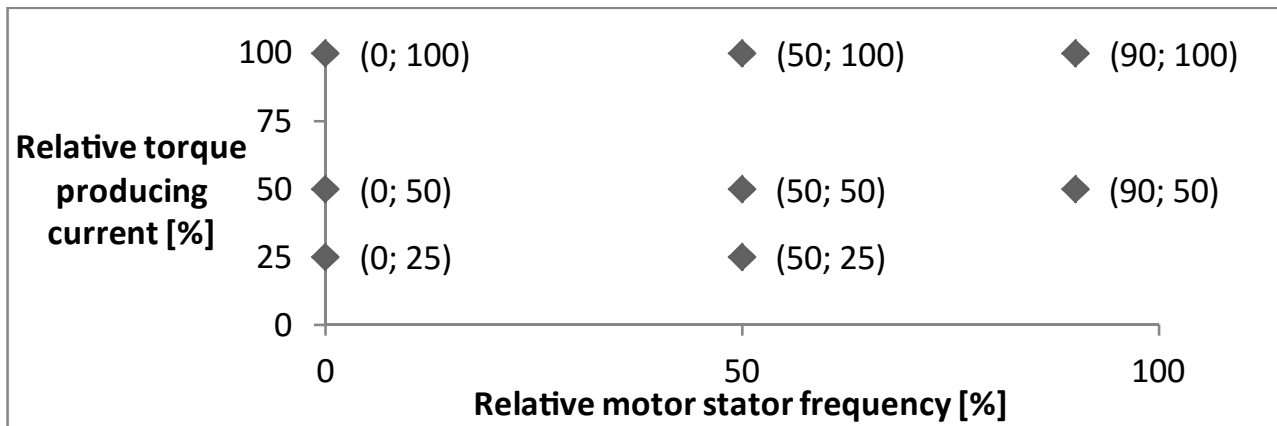


# HVAC400 Family

## Wipe Away The Losses

Standard EN 50598-2 requires specifying losses for AC drives in standby and in 8 different points of operation with predefined switching frequency and 400 V induction motor.

In the following, the 8 points of operation are defined and the losses in kilowatts [kW] are stated for HVAC400 (380...500 V range).



FRAME	DRIVE TYPE	f <sub>sw</sub> [KHZ]	STANDBY [KW]	(0;25) [KW]	(0;50) [KW]	(0;100) [KW]	(50;25) [KW]	(50;50) [KW]	(50;100) [KW]	(90;50) [KW]	(90;100) [KW]
MR4	0003	4	0,014	0,031	0,033	0,038	0,031	0,034	0,041	0,036	0,045
	0004	4	0,014	0,034	0,037	0,044	0,035	0,039	0,048	0,041	0,054
	0005	4	0,014	0,040	0,045	0,056	0,041	0,048	0,063	0,052	0,074
	0008	4	0,014	0,047	0,054	0,070	0,049	0,057	0,078	0,061	0,088
	0009	4	0,014	0,057	0,066	0,090	0,059	0,071	0,101	0,077	0,118
	0012	4	0,014	0,059	0,074	0,126	0,062	0,082	0,146	0,092	0,177
MR5	0016	4	0,015	0,078	0,096	0,149	0,082	0,105	0,172	0,116	0,205
	0023	4	0,015	0,102	0,130	0,219	0,108	0,145	0,258	0,164	0,322
	0031	4	0,015	0,132	0,174	0,320	0,140	0,192	0,361	0,215	0,435
MR6	0038	4	0,018	0,160	0,203	0,336	0,167	0,218	0,376	0,243	0,455
	0046	4	0,018	0,183	0,237	0,411	0,191	0,256	0,459	0,289	0,570
	0061	4	0,018	0,240	0,323	0,620	0,248	0,342	0,650	0,382	0,780
MR7	0072	4	0,030	0,290	0,369	0,610	0,309	0,410	0,700	0,449	0,810
	0087	4	0,030	0,320	0,426	0,750	0,345	0,477	0,870	0,530	1,010
	0105	4	0,030	0,375	0,510	0,940	0,406	0,570	1,090	0,640	1,280
MR8	0140	2	0,044	0,620	0,820	1,410	0,660	0,890	1,580	0,960	1,780
	0170	2	0,044	0,580	0,780	1,430	0,630	0,870	1,650	0,970	1,910
	0205	2	0,044	0,690	0,960	1,860	0,750	1,070	2,140	1,200	2,500
MR9	0261	2	0,043	0,980	1,280	2,260	1,040	1,420	2,570	1,550	2,940
	0310	2	0,043	1,140	1,530	2,870	1,220	1,700	3,260	1,880	3,750

Manufactured for and on behalf of the Connected Building Division of Honeywell Products and Solutions SARL, Z.A. La Pièce, 16, 1180 Rolle, Switzerland by its Authorized Representative:

Honeywell GmbH  
Böblinger Strasse 17  
71101 Schönaich  
Germany

Phone (49) 7031 63701  
Fax (49) 7031 637493

® U.S. Registered Trademark  
© 2019 Honeywell International Inc.

[https://products.ecc.emea.honeywell.com/europe/ecatdata/md\\_ld.html](https://products.ecc.emea.honeywell.com/europe/ecatdata/md_ld.html)