



DC Pitch Drives Onshore

Turbine MW Class	750 kW	1,5 MW	2,0 MW	2,0 MW	2,5 MW
Type	GHTIF-0720.2625.81	GHTIF-0716.2625.81	GXHTIF-0835.24218.81	GXHIF-0730.29218.81	GHIF-0724.2530.81
Armature Voltage	260 V	260 V	240 V	290 V	250 V
Field Voltage	-	-	207 V	207 V	-
Rated Power	5,8 kW	4,2 kW	9,4 kW	5,5 kW	8,5 kW
Rated Torque	22 Nm	16 Nm	50 Nm	30 Nm	27 Nm
Rated Speed	2.500 rpm	2.500 rpm	1.800 rpm	1.750 rpm	3.000 rpm
Rated Current	28 A	20 A	45 A	22 A	38 A
Duty Type	[3]	[3]	[4]	[3]	[3]
Max. Speed	3.000 rpm	3.000 rpm	3.100 rpm	3.000 rpm	3.500 rpm
Brake	100 Nm	100 Nm	100 Nm	100 Nm	100 Nm
Cooling	Fan IC 416	Fan IC 416	Fan IC 416	Fan IC 416	Fan IC 416
Armature Choke	[1]	[1]	[1]	[1]	[1]

[1] Armature choke is necessary in chopper-converter-mode and recommended with line-commutated-converters.

[2] 0-1.600 rpm (S1); 1601 rpm - maximum speed (S3-50% or torque derating)

[3] 0-1.000 rpm (S1); 1001 rpm - maximum speed (S3-50% or torque derating)

[4] 0-1.800 rpm (S1); 1801 rpm - maximum speed (S3-50% or torque derating)

The mean rpm in rated pitch operation is about 750 rpm with DC Pitch Drives.



AC Pitch Drives Onshore

Turbine MW Class	2,5 MW	3,0 MW	2,5 MW	2,5 MW
Type	DIF-0715.04219.81	DIF-0720.04324.81	DIF-0723.04324.81	DIF-0820.04295.81
Rated Voltage	230 V	230 V	230 V	230 V
Rated Frequency	105 Hz	71 Hz	71 Hz	78 Hz
Rated Power	9,1 kW	9,5 kW	10,8 kW	14,2 kW
Rated Torque	28 Nm	44 Nm	50 Nm	59 Nm
Rated Speed	3.095 rpm	2.060 rpm	2.060 rpm	2.300 rpm
Rated Current	33,0 A	33,5 A	37,0 A	47,0 A
Duty Type	[1]	[1]	[1]	[1]
Max. Speed	3.100 rpm	3.100 rpm	3.100 rpm	3.100 rpm
Brake	100 Nm	100 Nm	100 Nm	100 Nm
Cooling	Fan IC 416	Fan IC 416	Fan IC 416	Fan IC 416

[1] 0-1.500 rpm (S1); 1501 rpm - maximum speed (S3-50%)