



## DC Pitch Drives Offshore

Turbine MW Class	5,0 MW	5,0 MW
Type	GXHIF-0941.22215.91	GXHIF-0935.25315.81.81
Armature Voltage	220 V	250 V
Field Voltage	207 V	288 V
Rated Power	14,3 kW	13,3 kW
<b>Rated Torque</b>	<b>86,5 Nm</b>	<b>85 Nm</b>
Rated Speed	1.580 rpm	1.500 rpm
Rated Current	72 A	64 A
Duty Type	[2]	[2]
Max. Speed	3.400 rpm	3.000 rpm
Brake	200 Nm	2 x 100 Nm
Cooling	Fan IC 416	Fan IC 416
Armature Choke	[1]	[1]
<b>Rated Torque at 200 rpm</b>	<b>96 Nm</b>	<b>89 Nm</b>

[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)

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



## AC Pitch Drives Offshore

<b>Turbine MW Class</b>	<b>3,6 MW</b>
Type	DIF-0817.04350.91
Rated Voltage	175 V
Rated Frequency	50 Hz
Rated Power	7,5 kW
<b>Rated Torque</b>	<b>50 Nm</b>
Rated Speed	1.445 rpm
Rated Current	36 A
Duty Type	[1]
Max. Speed	3.000 rpm
Brake	150 Nm
Cooling	Fan IC 416

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