

Reference list - Starting resistor

Customer	Country	Project/application	Starting resistor type	Quantity
2023 Leif Andersson Verktygs AB	Sweden	Hydraulic pump	DC starting resistor IP00	1
2022 Voith Hydro	Sweden	Hydro power	DC starting resistor IP20	2
Elektroskandia	Sweden	Hydraulic pump	DC starting resistor IP00	1
ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	1
2021 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	1
2020 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	11
GE Renewable	Norway		DC starting resistor IP00	1
Regal Components	Sweden	Hydraulic pump	DC starting resistor IP00	1
2019 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	3
Voith Hydro	Sweden	Hydro power	DC starting resistor IP20	1
2018 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	4
Stora Enso Paper	Sweden		DC starting resistor IP00	1
Syg	Spain		DC starting resistor IP00	1
2017 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	3
Siemens Energy	Sweden	Hydraulic pump	DC starting resistor IP00	4
2016 Tekila	Sweden	Hydro power	DC starting resistor IP20	6
Voith Hydro	Sweden	Hydro power	DC starting resistor IP20	4
Urban Janssons Bätvarv	Sweden	-	AC starting resistor speed control	2
2015 Tekila	Sweden	Hydro power	DC starting resistor IP20	2
2014 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	11
Voith Hydro	Sweden	Hydro power	DC starting resistor IP20	2
2013 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	34
Toroma Automation	Sweden	Steel mill	Slip ring AC motor starting resistor IP12	1
2012 ABB Electrification	Sweden	Hydraulic pump	DC starting resistor IP00	34
Addiva	Sweden	-	DC starting resistor IP20	1
Siemens Energy	Sweden	Hydraulic pump	DC starting resistor IP00	9
Voith Hydro	Sweden	Hydro power	DC starting resistor IP20	2