

MDF / MWF Technical Data

Product Data Sheets

MDF: 20, 30, 50, 60, 70

MWF: 20, 30



MDF/MWF 20

The MDF/MWF20 motors are equipped with mechanical or digital limits and a low-level haul chain to be used in the event of a power failure.

Model	Output Speed	Volts	Torque	Cycles	Protection	kW	Bore-Diameter
MDF20-15-12HD	12	400 V/3~; 230 V/3~	150Nm	30	IP54	0.75	30mm
MDF20-18-24 HD	24	400 V/3~; 230 V/3~	180Nm	30	IP54	0.75	30mm
MDF20-22-12KE	12	400 V/3~	220Nm	20	IP54	0.75	30mm
MWF20-22-12KE	12	230 V/1~	220Nm	5	IP54	0.6	30mm

MDF/MWF 30

The MDF/MWF30 motors are equipped with mechanical or digital limits and a low-level haul chain to be used in the event of a power failure.

Model	Output Speed	Volts	Torque	Cycles	Protection	kW	Bore-Diameter
MDF30-27-12HD	12	400 V/3~; 230 V/3~	270Nm	30	IP54	0.75	40mm
MDF30-30-12KE	12	400 V/3~; 230 V/3~	300Nm	20	IP54	0.85	30mm
MDF30-24KE	24	400 V/3~; 230 V/3~	400Nm	20	IP54	1.7	40mm
MDF30-24HD	24	400 V/3~; 230 V/3~	400Nm	30	IP54	1.8	40mm
MDF30-42-12KE	12	400 V/3~; 230 V/3~	420Nm	20	IP54	1.1	40mm
MDF30-42-12HD	12	400 V/3~; 230 V/3~	420Nm	30	IP54	1.1	40mm
MDF30-50-12KE	12	400 V/3~; 230 V/3~	500Nm	20	IP54	1.1	40mm
MDF30-65-10KE	10	400 V/3~; 230 V/3~	650Nm	20	IP54	1.2	40mm
MWF30-38-12KE	12	230 V/1~	380Nm	5	IP54	1.2	40mm

MDF 50

The MDF50 motors are equipped with mechanical or digital limits and a low-level haul chain to be used in the event of a power failure.

Model	Output Speed	Volts	Torque	Cycles	Protection	kW	Bore-Diameter
MDF50-75-10KE	10	400 V/3~; 230 V/3~	750Nm	20	IP54	1.4	50mm
MDF50-75-10HD	10	400 V/3~; 230 V/3~	750Nm	30	IP54	1.4	50mm
MDF50-75-24HD	24	400 V/3~; 230 V/3~	750Nm	30	IP54	3.0	50mm

MDF 60

The MDF60 motors are equipped with mechanical or digital limits and a handcrank override to be used in the event of a power failure.

Model	Output Speed	Volts	Torque	Cycles	Protection	kW	Bore-Diameter
MDF60-100-9KE	9	400 V/3~; 230 V/3~	1000Nm	20	IP54	1.5	50mm
MDF60-100-9HD	9	400 V/3~; 230 V/3~	1000Nm	30	IP54	1.5	50mm
MDF60-100-17HD	17	400 V/3~; 230 V/3~	1000Nm	30	IP54	3.0	50mm
MDF60-100-24-HD	24	400 V/3~; 230 V/3~	1000Nm	30	IP54	4.0	50mm
MDF60-140-9HD	9	400 V/3~; 230 V/3~	1000Nm	30	IP54	2.0	50mm

MDF 70

The MDF70KU motors are equipped with mechanical or digital limits and a handcrank override to be used in the event of a power failure.

Model	Output Speed	Volts	Torque	Cycles	Protection	kW	Bore-Diameter
MDF70-125-24HD	24	400 V/3~; 230 V/3~	1250Nm	30	IP54	4	55mm
MDF70-165-8HD	8	400 V/3~; 230 V/3~	1650Nm	30	IP54	2.2	55mm
MDF70-165-24HD	24	400 V/3~; 230 V/3~	1650Nm	30	IP54	5.5	55mm
MDF70-200-8HD	8	400 V/3~; 230 V/3~	2000Nm	30	IP54	2.5	55mm
24rpm Direct Online	24	400 V/3~; 230 V/3~	1250Nm	20	IP54	2.5	55mm

* One cycle corresponds to two travels (opening and closing) of the gate. The values given refer to 10 revolutions of the output shaft per travel and assume an even distribution.

** Alternative limit switch ratios are available on request