Drum Motor

- High starting torque and excellent dynamic Ensure stable and reliable operation of the equipment
- No cooling oil, no risk of oil leakage
- 95% first-class energy efficiency, no-load current is 10% of the rated current, saves on electricity consumption

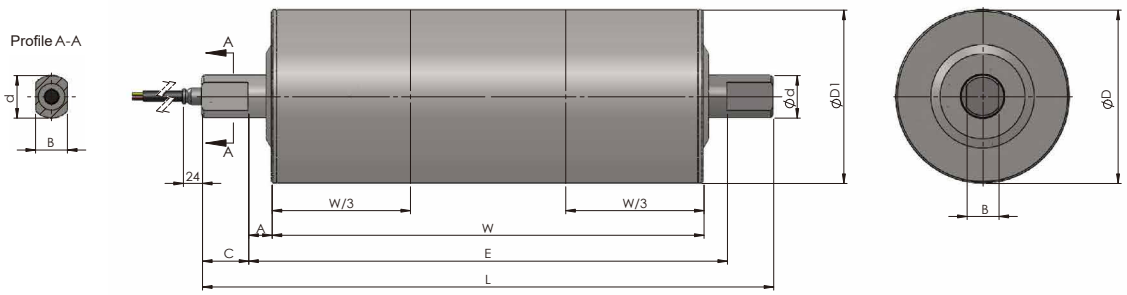
Basic Parameters

Roller Model	DMR138	DMR165	DMR216
Rated Voltage	AC 3X380V(±10%) / 50Hz		
Rated Power	1.82kW	2.55kW	
Rated Current	3.6A	4.9A	
Length Range	500~1100mm	800~1300mm	
Working Temperature	-5~40℃		
Ambient Humidity	10~90%RH(Non-condensation)		
IP Rating	IP54		

Performance Parameters

Product Model	DMR138	DMR165	DMR216
Rated Torque	61N·m	174N·m	278N·m
Belt Pull	884N	2109N	2574N
Current Range	30~90m/min	30~60m/min	
Load Capacity	43kg/m	60kg/m	
Belt Conveyor Length	≤6m	≤9m	≤12m
Maximum Belt Tension	800kg		

Product Dimensions (Zinc Plated)



Model	Roller Dia.(D)	Drum-Shaped(D1)	Shaft Dia.(d)	Milled Flat Width(B)	Milled Flat Length(C)	Milled Flat Distance(A)	E	L
DMR138	138mm	136mm	30mm	25mm	25mm	8.5mm	W+17	W+67
DMR165	165mm	163mm	40mm	30mm	43.5mm	21.5mm	W+43	W+130
DMR216	217mm	215mm	40mm	30mm	43.5mm	21.5mm	W+43	W+130

- Easy setting of direction, speed, acceleration, and deceleration
- Standard equipped with an assistant-type intelligent LCD keyboard
- Comprehensive protection functions including short circuit, phase loss, overload, overheat, etc.
- Detachable LCD keyboard for flexible and convenient external use
- Digital IO, bus communication (RS485, CANOPEN) And other control methods

Drive Technical Data

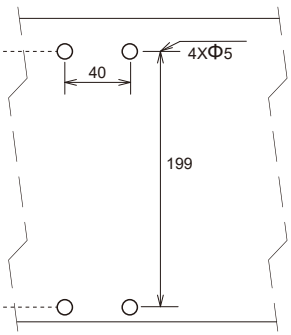
Model	DMR138	DMR165	DMR216
Rated Voltage	AC 3X380V 50~60Hz		
Rated Power	1.5kW	2.2kW	
Rated Current	4A	5.6A	
Noise Level	40dB		

Drive Application Environment

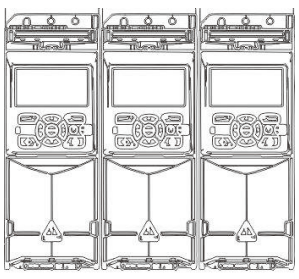
Operating Temperature	-15~55℃
Relative Humidity	5~95%RH (non-condensation)
Vibration	Maximum 1mm (0.04in.) (5-13.2Hz), Maximum 7m/s2 (23ft/s2) (13.2-100Hz) sinusoidal
Altitude	0-2000m (for TN, TT, IT grounding systems)
Installation Method	Thread Fixed Installation

Dimensions

Electrical Mounting Board Opening Dimensions



Drive Installation Example



For optimal heat dissipation, side by side installation is preferred.