

24V Gear Reduced Starter Motor



TITAN
105

SETTING THE STANDARD...AGAIN

- **Electrical soft start**

Eliminates ring gear milling, as pinion slowly rotates while engaging to assure full meshing before full power is applied

- **7.5kW Output**

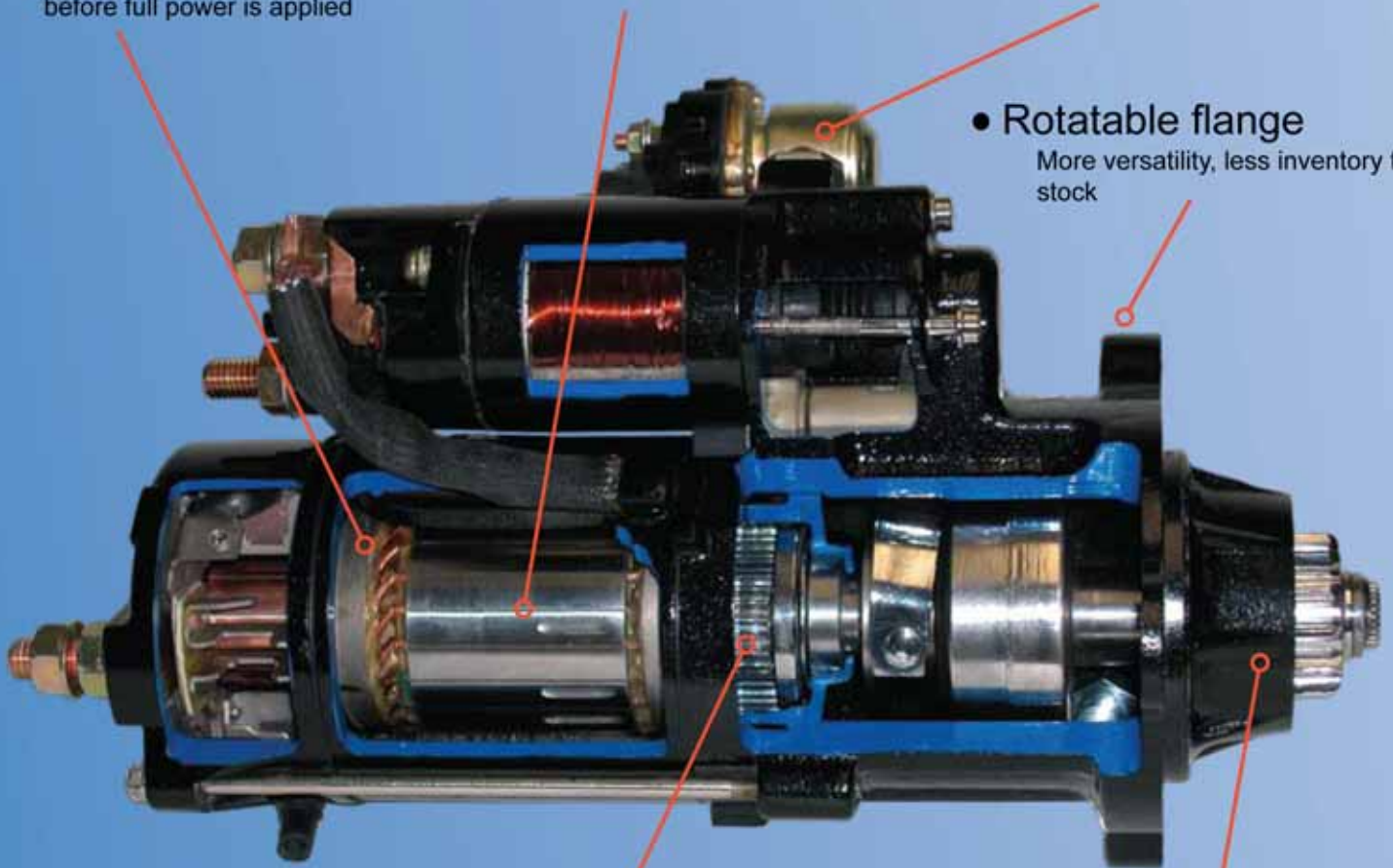
Power to spare for today's demanding heavy and medium duty applications

- **Integral mag switch relay**

Minimal wiring between relay and solenoid, assures more reliable starting circuit

- **Rotatable flange**

More versatility, less inventory to stock



- **In-line gear reduced**

More power in a smaller package, the in-line design allows for the greatest installation flexibility

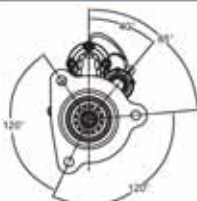
- **Sealed noseless design**

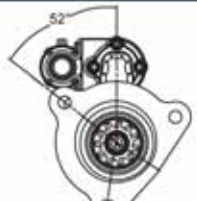
Protects against ingress of dust, oil, water and other contaminants and abrasives

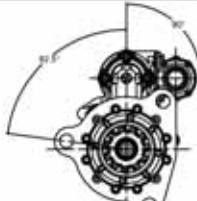
 Rotatable nose housing


 Weighs only 29 lbs.

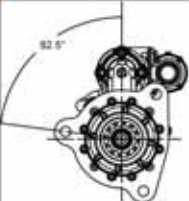
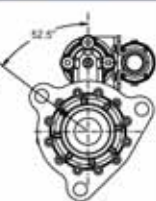

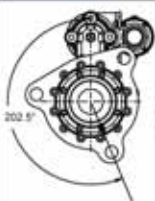
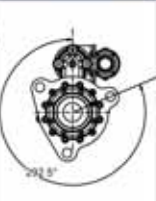
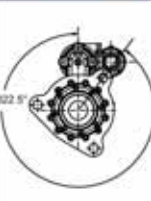
Titan™ 105 24V Details

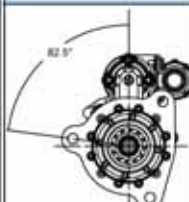

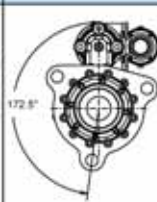

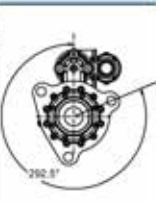
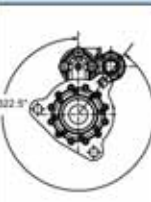
M105431					
Front View	Details	Teeth	Pinion Details		
			Pitch	OD	Pinion at rest
	24V CW Fixed SAE3 Flange	12	M3	1.73" 44mm	1.91" 48.5mm

M105432					
Front View	Details	Teeth	Pinion Details		
			Pitch	OD	Pinion at rest
	24V CW Fixed SAE3 Flange	11	M4	2.09" 53.2mm	1.83" 46.5mm

M105702					
Front View	Details	Teeth	Pinion Details		
			Pitch	OD	Pinion at rest
	24V CW Rotatable SAE3 Flange	11	6/8	2.27" 57.6mm	1.87" 47.5mm

M105703					
Front View	Details	Teeth	Pinion Details		
			Pitch	OD	Pinion at rest
	24V CW Rotatable SAE3 Flange	12	8/10	1.84" 46.7mm	1.87" 47.5mm

M105702 Flange Clocking					
Original Position	30° Nose Position	90° Nose Position	120° Nose Position	210° Nose Position	240° Nose Position
					

M105703 Flange Clocking					
Original Position	30° Nose Position	90° Nose Position	120° Nose Position	210° Nose Position	240° Nose Position
					



Approved for diesel engines up to 14L maximum *

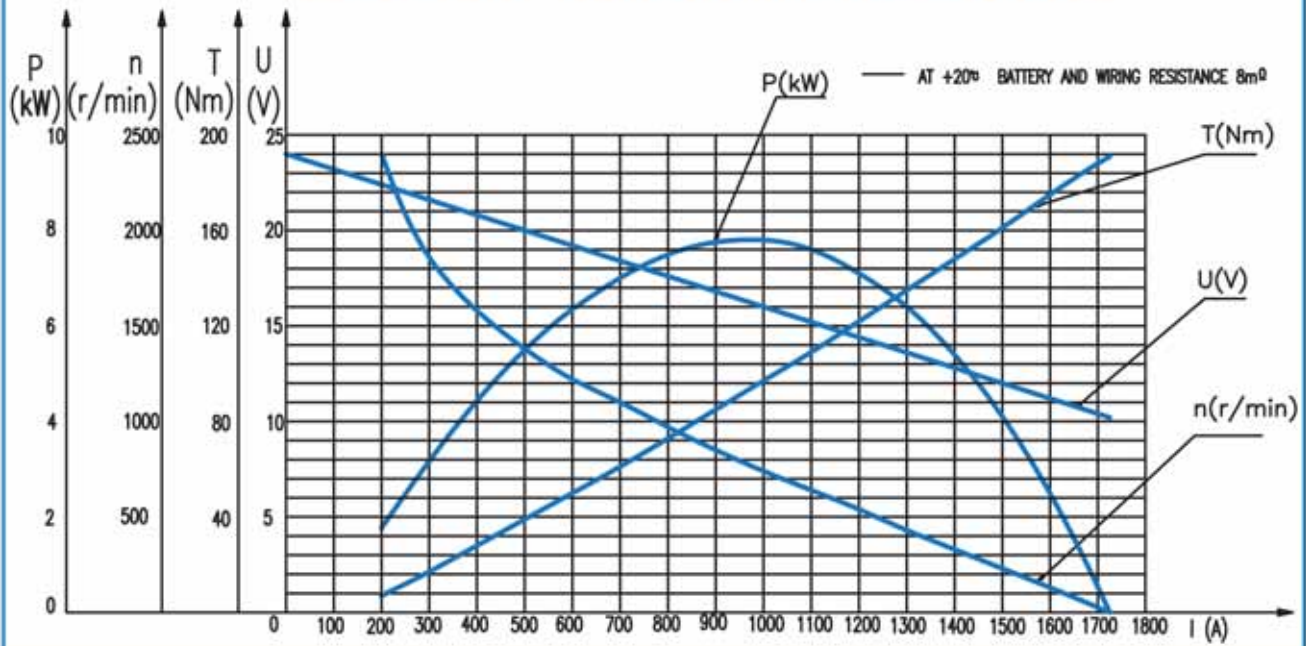


1 Year / 100,000 Mile Warranty

part of the Road Warrior™ Series

Performance

24 VOLT PERFORMANCE CURVE



Titan™ 105 24V Applications

Prestolite #	First Application	
	Engine / Customer / Application	
M105431	MERCEDES-BENZ- Axor Series, Citaro Series, Citaro Series, Integro Series, Travego Series Kassbohrer S315, S316, S319, S415, S416, S417	Replacing Bosch, Mitsubishi and Delco
M105432	Renault	Replacing Mitsubishi and Valeo
M105702	Cummins M11/ISM/ISX, CNH, Freightliner	Replacing Delco 39MT and Mitsubishi 105P70
M105703	Cummins ISC/ISL	Replacing Delco 38MT and Mitsubishi 90P55

* Larger engines subject to application engineering approval



Titan™ 105 24V Starter Motor

Titan™ 105 24V Cross Reference

Prestolite #	Cross Reference						
	Delco	Mitsubishi	Mercedes	Renault	Bosch	Valeo	Cummins
M105431	19011501	M009T83671	457 151 0301		0 001 372 005		
	19070033	M009T80472	005 151 5001		0 001 372 006		
	19070034		005 151 6401		0 001 330 011		
	DRS8370		006 151 0001		0 986 020 880		
	DRT0880		005 151 7001		0 986 018 370		
			006 151 1501				
			006 151 6901				
M105432	19024186	M009T80071		5001 014212		D13HP613	
	DRS3815	M009T80271		5001 846324		D13HP705	
				5001 854179		D13HP709	
				5010 306701		187501	
						188137	
						438009	
						455723	
						455742	
						ND172	
M105702	8200022*						3103305
	8200034						3103916
	8200041						3103952
	10461754						
	10478998						
	10479111						
	10479119						
	10479164						
	10479252						
	19011507						
	19011522						
	19011531*						
M105703	10478817*	3965284					3965284
	10479221*						
	19026030						

* Rotate nose

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