

MILITARY PRODUCTS MANUFACTURED BY TEPAS AS / TURKEY

FEB 2017

ITEM DESIGNATION		ALTERNATOR , BRUSHLESS	
NATO STOCK NO , ORDNANCE NO	NSN 2920-01-047-9551	NSN 2920-01-032-4154	
APPLICATION	Used on M113 Armoured Personnel Vehicles, Auxiliary Power Units (APU), Auxiliary Alternator for MLRS		
TYPICAL SPECIFICATION	220 amps . 28 Vdc 0-10 000 rpm		
ITEM DESIGNATION		ALTERNATOR , BRUSHLESS	
NATO STOCK NO , ORDNANCE NO	NSN 2920-27-023-5942		
APPLICATION	Auxiliary Power Units for tanks and armoured vehicles		
TYPICAL SPECIFICATION	300 amps , 28 Vdc @3000 rpm		

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ITEM DESIGNATION	ALTERNATOR , BRUSHLESS	
NATO STOCK NO , ORDNANCE NO	New project	
APPLICATION	Auxiliary Power Units for tanks and armoured vehicles	
TYPICAL SPECIFICATION	Permanent Magnet 350 amps , 28 Vdc @3000 rpm	
ITEM DESIGNATION	DC MOTOR	
NATO STOCK NO , ORDNANCE NO	NSN 6105-01-030-3907	
APPLICATION	Cupola Hydraulic Drive Motor	
TYPICAL SPECIFICATION	28 Vdc , 2 kW Kompunt Motor	

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ITEM DESIGNATION		DC MOTOR with reduction Gearbox	
NATO STOCK NO , ORDNANCE NO	NSN 3010-27-008-3354		
APPLICATION	M52 Howitzer's Cupola Drive Motor		
TYPICAL SPECIFICATION	Permanent Magnet Motor 28 Vdc , 1500W		
ITEM DESIGNATION		DIESEL FUEL PUMP driven by Permanent Magnet DC Motor	
NATO STOCK NO , ORDNANCE NO	NSN 2910-12-195-1310 NSN 6105 27 009 5867		
APPLICATION	Used on M52 Howitzers		
TYPICAL SPECIFICATION	28 Vdc , 300 W 0,7 bar - 4,0 bar 4,5 lt/min - 12,0 lt/min		

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ITEM DESIGNATION	BILGE PUMP	
NATO STOCK NO , ORDNANCE NO	NSN 4320-00-871-2834	
APPLICATION	Used on M60 Tanks and M155 weapons	
TYPICAL SPECIFICATION	Submersible, 28 Vdc Permanent Magnet Motor driven 750 W 450 lt/min	
ITEM DESIGNATION	BILGE PUMP	
NATO STOCK NO , ORDNANCE NO	NSN 4320-00-679-9643	
APPLICATION	Used on M113 military combat vehicles	
TYPICAL SPECIFICATION	Submersible . 28 Vdc Permanent Magnet Motor driven 460 W 165 lt/min	

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ITEM DESIGNATION	FAN MOTOR	
NATO STOCK NO , ORDNANCE NO	NSN 4140-27-016-6667	
APPLICATION	Used on Self Propelled Howitzer , Main Battle Tank for exhausting gun smoke	
TYPICAL SPECIFICATION	28 Vdc , 1.5 Hp , 60 amps	
ITEM DESIGNATION	SCAVENGE BLOWER With Brushed dc Motor	
NATO STOCK NO , ORDNANCE NO	NSN 2940-12-302-4020 NSN 2940-27-008-3361	
APPLICATION	Used in upgrading project for Leopard I and II Tanks and 6x6 , 8x8 military vehicles	
TYPICAL SPECIFICATION	Driven.by Brushed dc motor 28 Vdc , 550 W	

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ITEM DESIGNATION	SCAVENGE BLOWER With Bruhless dc Motor		
NATO STOCK NO , ORDNANCE NO	NSN 2940-12-333-6903		
APPLICATION	Used in upgrading project for Leopard I and II Tanks		
TYPICAL SPECIFICATION	28 Vdc , 1 kW		
ITEM DESIGNATION	FAN VENTILATING		
NATO STOCK NO , ORDNANCE NO	NSN 4140-01-042-0661 NSN 4140-27-012-6823		
APPLICATION	Used on M113 Armoured Personnel Vehicles		
TYPICAL SPECIFICATION	28 Vdc , 0.25 Hp		

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ITEM DESIGNATION		AUTOMATIC HOWITZER LOADING MAGAZINE DRIVE UNIT	
NATO STOCK NO , ORDNANCE NO	NSN 1025MK0010140		
APPLICATION	This unit is used on M-155 ammunition charging system with motor used on howitzer		
TYPICAL SPECIFICATION	28 Vdc consists of : Gearbox, Electromagnetic Brake and DC Motor. (right side connection)		
ITEM DESIGNATION		AUTOMATIC HOWITZER LOADING MAGAZINE DRIVE UNIT	
NATO STOCK NO , ORDNANCE NO	NSN 1025MK0010139		
APPLICATION	This unit is used on M-155 ammunition charging system with motor used on howitzer		
TYPICAL SPECIFICATION	28 Vdc consists of : Gearbox, Electromagnetic Brake and DC Motor. (left side connection)		

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ITEM DESIGNATION		VENTILATING MOTOR	
NATO STOCK NO , ORDNANCE NO	NSN 6105-12-154-1097		
APPLICATION	Used on Leopard Tanks cupola for ventilating purposes		
TYPICAL SPECIFICATION	28 Vdc , 60 W 5500 rpm		
ITEM DESIGNATION		FAN MOTOR	
NATO STOCK NO , ORDNANCE NO	NSN 6105-12-148-2962		
APPLICATION	Used on Leopard Tanks , personnel and water heating system		
TYPICAL SPECIFICATION	28 Vdc , 60 w 6500 rpm		

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ITEM DESIGNATION		DC MOTOR with Planet Gearbox of ratio 1/80	
NATO STOCK NO , ORDNANCE NO	New Project		
APPLICATION	Used on 105 mm Pantera Canons		
TYPICAL SPECIFICATION	28 Vdc , 1.3 kW		
ITEM DESIGNATION	DC MOTOR with Permanent Magnets		
NATO STOCK NO , ORDNANCE NO	New Project		
APPLICATION	Used on self stabilized platform for stinger vehicle for charging 12.7 mm machine gun		
TYPICAL SPECIFICATION	28 Vdc , 70 W		

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ITEM DESIGNATION		DC MOTOR with Permanent Magnet 8 Poles and brake
NATO STOCK NO , ORDNANCE NO	New Project	
APPLICATION	Gun barrel lock motor of armoured vehicles	
TYPICAL SPECIFICATION	28 Vdc , 400W	
ITEM DESIGNATION	DC MOTOR	
NATO STOCK NO , ORDNANCE NO	NSN 6105-00-535-7757	
APPLICATION	Used on M48-M60 Tanks	
TYPICAL SPECIFICATION	28 Vdc , 65 W Driver of mechanical aiming computer, Serial motor with serial brake	

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ITEM DESIGNATION		NBC BLOWER UNIT	
NATO STOCK NO , ORDNANCE NO	4235-KK-014-4851		
APPLICATION	Used for protection against Nuclear, Biological and Chemical (NBC) weapons		
TYPICAL SPECIFICATION	28 Vdc , 1kW		
ITEM DESIGNATION		NBC FAN MOTOR	
NATO STOCK NO , ORDNANCE NO	NSN 6105-12-158-1674		
APPLICATION	Used in upgrading project for Leopard I and II Tanks		
TYPICAL SPECIFICATION	28 Vdc , 30 W		

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ITEM DESIGNATION		HPM MOTOR , Hydraulic Pump Motor	
NATO STOCK NO , ORDNANCE NO	New Project		
APPLICATION	35 mm Oerlikon Modernization and Procurement of Air Burst Ammunition Project		
TYPICAL SPECIFICATION	28 Vdc		
ITEM DESIGNATION		MBSM MOTOR , Ammunition Charging System Motor	
NATO STOCK NO , ORDNANCE NO	New Project		
APPLICATION	35 mm Oerlikon Modernization and Procurement of Air Burst Ammunition Project		
TYPICAL SPECIFICATION	28 Vdc		

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ITEM DESIGNATION	COMPRESSOR MOTOR	
NATO STOCK NO , ORDNANCE NO	New Project	
APPLICATION	ASELPOT, Cooling of electronics medium	
TYPICAL SPECIFICATION	115 Vac 400 Hz	
ITEM DESIGNATION	AIR CONDITIONER MOTOR	
NATO STOCK NO , ORDNANCE NO	New Project	
APPLICATION	Air Conditioning of Vehicle Turret	
TYPICAL SPECIFICATION	28 Vdc 100 Amps , 2.5 kW Duty S3 , %50	