

12V & 24V
DC MOTORS

FOR

**AERIAL WORK PLATFORMS,
FORKLIFTS,
FREIGHT LIFTS,
HYDRAULIC PUMPS,
POWERPACKS,
SNOW PLOWS,
SALT SPREADERS,
TAILGATES & WINCHES**

405-10101*

12V, CW, 4.5", 1 Term., Slotted Shaft
HD double bearing, 3.4 h.p.



*For 2 Terminals see 405-10113

Replaces

Prestolite: MKW-4009, MUE-6111S, MUE-7001

United Technologies: MM18996

Wapsa: 9130450083

Western Products: 56058, 56062

Application

Western Snow Plows (Late)

405-10102

12V, CW, 4.5", Slotted Shaft, **3.4 h.p.**



Replaces

Prestolite: MEZ-7002

Western Products: 25556

Application

Western Snow Plows (Early)

405-10103*

12V, CCW, 4.5", Slotted Shaft

HD double bearing, 3.4 h.p.



*For 4.6 h.p. see 405-10109

Replaces

Prestolite: MHA-6001, S, MHN-4001, MUE-6001, S, -6201, -6301, -7003, S, 46-2220, 46-2777, 46-3620

Monarch: 8111

Wapsa: 9130450061, 9130450081

Application

Monarch Hydraulics,
Northman Snow Plows

405-10104

12V, CW, 4.5", Slotted Shaft

HD double bearing, 3.4 h.p.



Replaces

Prestolite: MDY-6116, -6124S, -7022, -7031, -7032, -7037, -7039, -7042, -7061, -7063, -7066

Application

Applied Energy, Borg Warner,
Cessna Industries,
Diesel Equipment, Fenner Fluid
Power, Fenner Stone,
MTE Hydraulics, Parker Hannifin

405-10105

12V, BIDIRECTIONAL, 4.5"

HD double bearing, 3.4 h.p.



Replaces
Prestolite: MBJ-4201, -4207, -4209, -4402, -4405, -4407, -4409

Application
Braden Industries, Desert Dynamics, Koenig, Liftmore, Pierce Winch, Ramsey Winch, Tulsa Winch

405-10106

12V, CW, 4.5", Slotted Shaft

HD double bearing, 4.6 h.p.



Replaces
Prestolite: MFX-4001,S, -4002; MMY-4002

Application
Fenner Fluid Power, Fenner Stone, Maxon, MTE Hydraulics, Skidmore Corporation, Waltco

405-10107*

12V, CW, 4.5", 1 Term., Slotted Shaft

HD double bearing



***For 2 Terminals see 405-10116**

Replaces
Fenner: 2529AB, AC
Meyer: 15689, 15727

Application
Diamond Snow Plows, Fenner Fluid Power, Meyer Quick Lift Snow Plows

405-10109

12V, CCW, 4.5", Slotted Shaft

HD double bearing, 4.6 h.p.



Replaces
Prestolite: MMY-4001, A, -4004S
Monarch: 8100

Application
J.S.Barnes, Maxon, Monarch Hydraulics, MTE Hydraulics, Waltco

405-10110

12V, CW, 4.5"

HD bearing on CE



Replaces
Prestolite: MDT-6020, A, S, 46-390
Monarch: 8076

Application
Monarch Road Equipment, Nu-Star Equipment

405-10111*

12V, CW, 4.5", 1 Term., 9-Spline Shaft

HD double bearing, 3.4 h.p.



***For 2 Terminals see 405-10115**

Replaces
Fenner Stone: 1175AC, 1185AC, 1785AC, 1787AC, 1789AC, 1931AC, 1997AC
Prestolite: MUE-6114S, 46-4048

Application
Fenner Fluid Power, Fenner Stone, Maxon

405-10112

12V, CW, 4.5"

HD double bearing



Replaces
Prestolite: MHA-6105S, 46-3600

Application
Teledyne Wisconsin

405-10113*

12V, CW, 2 Terminals Ins. Grd.,

DD, Slotted Shaft

HD double bearing, 3.4 h.p.



***For 1 Term. see 405-10101**

Replaces
Prestolite: MUE-6103, S, MUE-6206, 46-2584, 46-3618
Wapsa: 9130450099
Western Products: 56133

Application
Fisher Snow Plow, Western Snow Plow

405-10114

12V, CCW, Slotted Shaft, 4.5"

HD double bearing, 3.4 h.p.



Replaces
Clark: 2817040-01
MTE: 39200517
Prestolite: MUE-6301D
Western: W-8213

Application
Maxon, Monarch Hydraulics, MTE Hydraulics

405-10115*

12V, CW, 2 Terminals 4.5", 9-Spline Shaft

HD double bearing, 3.0 h.p.



***For 1 Terminal see 405-10111**

Replaces
Iskra/Letrika: 11.212.385, 11.212.499, AMJ4653
Fenner: 1788-AC, 2578-AC
Prestolite: MHN-7001, 46-4195, 46-9248

Application
Curtis Snow Plow, Fenner Stone Pump

405-10116*

12V, CW, 2 Terminals, Ins. Grd., 4.5" Slotted Shaft

HD double bearing



***For 1 Terminal see 405-10107**

Replaces
Iskra/Letrika: 11.216.099, AMJ4739
Meyer: 15829, 15841

Application
Diamond, Meyer Quick Lift Snow Plows

405-10117*

12V, CCW, 4.5", 1 Term. Slotted Shaft

HD double bearing, 3.4 h.p.



***For 2 Terminals see 405-10119**

Replaces
J.S. Barnes: 220-0727, 220-0820
MTE: 39200292, 39200388
Prestolite: MDY-6101, 2, 19, MDY-7027, 43, 50, 57, 59, 68, MUE-7004, -7005, S

Application
JS Barnes, MTE Hydraulics

405-10118

12V, CW, 4.5", 2 Terms., Slotted Shaft

HD bearing on CE, 3.4 h.p.



Replaces
Fisher: 21500K
Prestolite: MUE-6202A, AS
Western Products: 21500

Application
Fisher Snow Plows,
Western Snow Plows

405-10119*

12V, CCW, 4.5", 2 Term., Slotted Shaft

HD double bearing, 3.4 h.p.



*For 1 Terminal see 405-10117

Replaces
JS Barnes: 220-0028, -0030, -0176,
-0230, -0355, -0525
Prestolite: MDY-6103, -6109, -6120,
-6120S, -6121, -6121S, -6203, -6203S,
-6205, MUE-6102S, 46-175, 46-584,
46-2112, 46-2126, 46-2194, 46-2559

Application
JS Barnes

405-10120

12V, BIDIRECTIONAL, 4.5"

HD double bearing, 3.4 h.p.

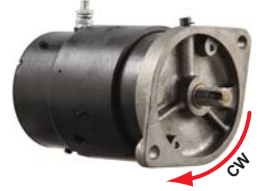


Replaces
Prestolite: MBJ-4401, S

Application
Braden Industries, Warn Winch

405-10121-2

12V, CW, 4.5", 3.4 h.p.



Replaces
Prestolite: MEZ-7001, 46-262

Application
Skidmore Corporation

405-10201

24V, BIDIRECTIONAL., 4.5"

HD double bearing, 3.8 h.p.



Replaces
Prestolite: MMD-4001, MMD-4401
46-2289
Ramsey: 458005

Application
Pierce Winch, Ramsey Winch,
Vime Winch

405-10202

24V, CCW, Slotted Shaft, 4.5"



Replaces
Prestolite: MHJ-2097, MHP-4005, S;
MHP-4009, S; 46-2073
Raymond: 570429100

Application:
Baker, Clark, Fenner Fluid
Power, Monarch Hydraulics,
Raymond

405-10203

24V, CCW, Slotted Shaft, 4.5"



Replaces
Monarch: 8086
Prestolite: MHP-4003, MHP-4003A,
MHP-4007, MHP-4008, MHP-4008S,
46-996, 46-2347, 46-2530

Application
Monarch Hydraulics

405-20203

24V, CW, INS., Slotted Shaft, 5.0"
7.5 h.p.



Replaces
Prestolite: MBD-5007, 17, 5102, 05,
MBD-5107, A, D, S, 46-224, 46-2458,
Yale: 720441419, 720441424

Application
Clark Forklifts,
J.S. Barnes,
Yale Forklifts

406-04100

12V, CCW, 3", Slotted Shaft
Permanent Magnet



Replaces
Meyer: 15054
Prestolite: MGL-4005; MGL-4105;
MKW-4007; 46-2415, -4160
United Technologies:
4882640MO30MM, MM48826

Application
Meyer Electro Lift Snow Plows
(E-46, E-46H, E-47, E-47H)

406-12101

12V, CCW



Replaces
Meyer: 36218
United Technologies:
4854420MO48HM, SM48544

Application
Meyer Salt Spreader Motor

CROSS REFERENCE

No. 405-000-002

REFERENCE	SPS	REFERENCE	SPS	REFERENCE	SPS	REFERENCE	SPS	REFERENCE	SPS
CLARK		LESTER		PRESTOLITE		PRESTOLITE		PRESTOLITE	
912349	405-20203	10751	405-10117	46-2093	405-10103	MDY-6020A	405-10110	MMY-4002S	405-10106
2817040-01	405-10114	10752	405-10103	46-2097	405-10105	MDY-6057	405-10103	MMY-4004S	405-10109
		10753	405-10103	46-2099	405-10105	MDY-6101	405-10117	MUE-6001	405-10103
FENNER		10757	405-10113	46-2107	405-10117	MDY-6102	405-10117	MUE-6001S	405-10103
1175-AC	405-10111	10758	405-10116	46-2112	405-10119	MDY-6103	405-10119	MUE-6103	405-10113
1185-AC	405-10111	10781	405-10117	46-2126	405-10119	MDY-6104	405-10103	MUE-6103S	405-10113
1785-AC	405-10111	10795	405-10113	46-2194	405-10119	MDY-6104XP	405-10103	MUE-6111S	405-10101
1787-AC	405-10111	10797	405-10111	46-2220	405-10103	MDY-6109	405-10119	MUE-6114S	405-10111
1788-AC	405-10115	10778	405-10118	46-2262	405-10120	MDY-6116	405-10104	MUE-6201	405-10103
1789-AC	405-10111			46-2282	405-10105	MDY-6116S	405-10104	MUE-6202A	405-10118
1931-AC	405-10111	LETRIKA		46-2285	405-10105	MDY-6119	405-10117	MUE-6202AS	405-10118
1997-AC	405-10111	11.212.385	405-10115	46-2287	405-10105	MDY-6120	405-10119	MUE-6206	405-10113
2529-AB	405-10107	11.212.386	405-10111	46-2289	405-10201	MDY-6120S	405-10119	MUE-6209	405-10107
2529-AC	405-10107	11.212.484	405-10103	46-2347	405-10203	MDY-6121	405-10119	MUE-6301	405-10103
2578-AC	405-10115	11.212.499	405-10115	46-2366	405-10105	MDY-6121S	405-10119	MUE-6301D	405-10114
		11.216.383	405-10111	46-2391	405-10105	MDY-6124S	405-10104	MUE-7001	405-10101
FISHER		AMJ4653	405-10115	46-2401	405-10105	MDY-6203	405-10119	MUE-7003	405-10103
21500K	405-10118	AMJ4739	405-10116	46-2415	406-04100	MDY-6203S	405-10119	MUE-7003S	405-10103
21500	405-10118			46-2426	405-10105	MDY-6205	405-10119	MUE-7004	405-10117
66503	405-10118	MEYER		46-2458	405-20203	MDY-7022	405-10104	MUE-7005	405-10117
		15054	406-04100	46-2464	405-10112	MDY-7027	405-10117	MUE-7005S	405-10117
ISKRA (See LETRIKA)		15689	405-10107	46-2473	405-10101	MDY-7031	405-10104	MUE-7006	405-10103
		15727	405-10107	46-2478	405-10104	MDY-7032	405-10104		
JS BARNES		15829	405-10116	46-2516	405-10109	MDY-7032A	405-10104	RAMSEY WINCH	
220-0027	405-20203	15841	405-10116	46-2520	405-10106	MDY-7032B	405-10104	20049	405-10105
220-0028	405-10119	36218	406-12101	46-2530	405-10203	MDY-7037	405-10104	458001	405-10105
220-0030	405-10119			46-2553	405-20203	MDY-7037S	405-10104	458002	405-10201
220-0176	405-10119	MONARCH HYDRAULICS		46-2559	405-10119	MDY-7039	405-10104	458005	405-10201
220-0214	405-20203	8076	405-10110	46-2584	405-10113	MDY-7039S	405-10104	458071	405-10105
220-0216	405-20203	8080	405-10103	46-2594	405-20203	MDY-7042	405-10104	458094	405-10105
220-0230	405-10119	8086	405-10203	46-2598	405-20203	MDY-7043	405-10117		
220-0355	405-10119	8092	405-10103	46-2636	405-10105	MDY-7050	405-10117	RAYMOND	
220-0478	405-10103	8100	405-10109	46-2777	405-10103	MDY-7057	405-10117	570429100	405-10202
220-0480	405-10103	8104	405-10202	46-3523	405-10201	MDY-7057A	405-10117		
220-0525	405-10119	8111	405-10103	46-3563	405-10104	MDY-7059	405-10117	UNITED TECHNOLOGIES	
220-0727	405-10117	8112	405-10103	46-3600	405-10112	MDY-7061	405-10104	4854440	406-12101
220-0776	405-10103	8120	405-10202	46-3618	405-10113	MDY-7063	405-10104	1899628MO30MM	405-10101
220-0820	405-10117	8196	405-10109	46-3620	405-10103	MDY-7066	405-10104	4854420MO48HM	406-12101
220-0849	405-10103	8111S	405-10103	46-3938	405-10101	MDY-7066S	405-10104	4882640MO30MM	406-04100
		8120S	405-10202	46-4038	405-10109	MDY-7068	405-10117	4882640MO30SM	406-04100
LESTER				46-4048	405-10111	MEZ-7001	405-10121-2	M0551046A	406-04100
5200	406-04100	MTE HYDRAULICS		46-4160	406-04100	MEZ-7002	405-10102	MM18996	405-10101
5686	405-10105	39200292	405-10117	46-4175	405-10118	MFX-4001	405-10106	MM48826	406-04100
5687	405-10105	39200380	405-10117	46-4195	405-10115	MFX-4001S	405-10106	SM48544	406-12101
6031	405-10110	39200388	405-10117	46-4196	405-10107	MFX-4002	405-10106	SM48826	406-04100
6033	405-10117	39200398	405-10109	46-9248	405-10115	MGL-4005	406-04100		
6034	405-10117	39200443	405-10117	FPOR-4001	406-04100	MGL-4105	406-04100	WAPSA	
6035	405-10119	39200467	405-10103	MBD-5007	405-20203	MHA-6001	405-10103	9130450061	405-10103
6036	405-10103	39200517	405-10114	MBD-5017	405-20203	MHA-6001S	405-10103	9130450064	405-10117
6037	405-10119			MBD-5102	405-20203	MHA-6105S	405-10112	9130450081	405-10103
6044	405-10104	PRESTOLITE		MBD-5105	405-20203	MHJ-2097	405-10202	9130450083	405-10101
6066	405-10121-2	46-178	405-10103	MBD-5107	405-20203	MHN-4001	405-10103	9130450099	405-10113
6067	405-10102	46-103	405-10105	MBD-5107A	405-20203	MHN-4001A	405-10103		
6075	406-04100	46-175	405-10119	MBD-5107D	405-20203	MHN-4005	405-10103	WESTERN PRODUCTS	
6078	405-10103	46-224	405-20203	MBD-5107S	405-20203	MHN-7001	405-10115	21500	405-10118
6119	405-10117	46-262	405-10121-2	MBJ-4201	405-10105	MHP-4003	405-10203	25556	405-10102
6121	405-10103	46-287	405-10105	MBJ-4207	405-10105	MHP-4003A	405-10203	56058	405-10101
6126	405-10103	46-390	405-10110	MBJ-4209	405-10105	MHP-4005	405-10202	56062	405-10101
6128	405-10203	46-584	405-10119	MBJ-4401	405-10120	MHP-4005S	405-10202	56133	405-10101
6129	405-10202	46-806	405-10102	MBJ-4401S	405-10120	MHP-4007	405-10203	W8213	405-10114
10710	405-10107	46-948	405-10103	MBJ-4402	405-10105	MHP-4008	405-10203	W9795	405-10115
10711	406-12101	46-958	405-10104	MBJ-4405	405-10105	MHP-4008S	405-10203		
10715	405-10106	46-990	405-10104	MBJ-4407	405-10105	MHP-4009	405-10202	YALE	
10716	405-10109	46-992	405-10106	MBJ-4408	405-10105	MHP-4009S	405-10202	720441419	405-20203
10724	405-10120	46-996	405-10203	MBJ-4409	405-10105	MKW-4007	406-04100	720441424	405-20203
10725	405-10101	46-2001	406-04100	MBJ-4410	405-10105	MKW-4009	405-10101		
10728	405-10103	46-2015	405-10104	MBJ-4411	405-10105	MMD-4001	405-10201		
10729	405-20203	46-2018	405-10106	MBJ-4412	405-10105	MMD-4401	405-10201		
10735	405-10111	46-2037	405-10104	MBJ-4415	405-10105	MMY-4001	405-10109		
10736	405-10111	46-2062	405-10105	MBJ-6201	405-10105	MMY-4001A	405-10109		
10739	405-10115	46-2073	405-10202	MDT-6020	405-10110	MMY-4002	405-10106		

150904

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