

JARD by MARS

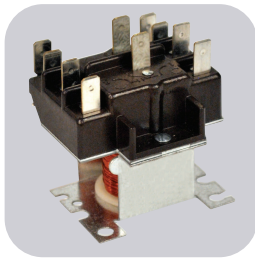


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Single Section Run Capacitors

Features:

- JARD provides a low cost alternative to popular models and the widest selection of ratings in the industry
- Non-PCB capacitors
- Physical interrupter makes our capacitors safe
- Perfect for general replacements
- Capacitor accessories – see page J-7
- UL and CSA listings available



SINGLE SECTION 370 VOLT OVAL				
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12902	2	1.63	2.06	1.21
12903	3	1.63	2.06	1.21
12904	4	1.63	2.06	1.21
12905	5	1.63	2.06	1.21
12906	6	1.63	2.06	1.21
12907	7.5	1.63	2.06	1.21
12908	10	2.00	2.06	1.21
12909	12.5	2.38	2.06	1.21
12910	15	2.63	2.06	1.21
12912	17.5	2.63	2.06	1.21
12914	20	3.00	2.06	1.21
12915	25	3.38	2.06	1.21
12917	30	3.75	2.06	1.21
12918	35	3.75	2.06	1.21
12921	40	2.63	2.81	1.81
12923	45	3.00	2.81	1.81
12925	50	3.00	2.81	1.81
12924	55	3.38	2.81	1.81
12987	60	3.13	2.81	1.81
12988	65	3.75	2.81	1.81
12989	70	3.75	2.81	1.81
12990	80	4.00	2.81	1.81

SINGLE SECTION 370 VOLT ROUND			
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12992	2	2.00	1.75
12993	3	2.00	1.75
12994	4	2.00	1.75
12995	5	2.00	1.75
12996	6	2.00	1.75
12997	7.5	2.00	1.75
12998	10	2.00	1.75
12999	12.5	2.00	1.75
12710	15	2.00	1.75
12911	16	2.00	1.75
12712	17.5	2.00	1.75
12714	20	2.00	1.75
12715	25	2.38	1.75
12717	30	2.63	1.75
12718	35	2.75	1.75
12721	40	3.00	1.75
12723	45	3.38	1.75
12725	50	3.75	1.75
12726	55	3.75	1.75
12727	60	4.00	1.75
12828	65	3.38	2.00
12729	70	3.75	2.00
12899	80	4.00	2.00
12916	100	3.38	2.50

SINGLE SECTION 440/370 VOLT OVAL				
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12926	2	1.63	2.06	1.21
12919	2.5	1.63	2.06	1.21
12927	3	1.63	2.06	1.21
12928	4	1.63	2.06	1.21
12929	5	1.63	2.06	1.21
12930	6	1.63	2.06	1.21
12931	7.5	2.00	2.06	1.21
12932	10	2.38	2.06	1.21
12933	12.5	2.75	2.06	1.21
12934	15	3.00	2.06	1.21
12936	17.5	3.75	2.06	1.21
12937	20	4.00	2.06	1.21
12940	25	4.75	2.06	1.21
12941	30	3.00	2.81	1.81
12943	35	3.00	2.81	1.81
12945	40	3.38	2.81	1.81
12948	45	3.75	2.81	1.81
12949	50	3.75	2.81	1.81
12950	55	4.75	2.81	1.81
12951	60	4.75	2.81	1.81
12952	65	4.75	2.81	1.81
12830	70	4.75	2.81	1.81
12831	75	3.75	3.56	1.88
12840	80	3.75	3.56	1.88

SINGLE SECTION 440/370 VOLT ROUND			
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12802	2	2.00	1.75
12803	3	2.00	1.75
12804	4	2.00	1.75
12805	5	2.00	1.75
12806	6	2.00	1.75
12807	7.5	2.00	1.75
12732	10	2.00	1.75
12733	12.5	2.00	1.75
12734	15	2.38	1.75
12736	17.5	2.38	1.75
12737	20	2.63	1.75
12740	25	3.00	1.75
12741	30	3.38	1.75
12743	35	3.75	1.75
12745	40	4.00	1.75
12748	45	3.38	2.00
12751	50	3.75	2.00
12752	55	3.75	2.00
12754	60	4.75	2.00
12657	65	4.75	2.00
12758	70	4.75	2.00
12759	80	3.75	2.50
12868	90	4.00	2.50

Motor Run Capacitors

Dual Section Motor Run Capacitors

Dual section run capacitors are used primarily to serve two microfarad applications. They can, however, by making various combinations of parallel connections, be used to obtain many other microfarad ratings.



12841

Features:

- Non-PCB capacitors
Physical interrupter makes our capacitors safe
- Perfect for general replacements
- Capacitor accessories – see page J-7
- UL and CSA listings available

DUAL SECTION 370 VOLT OVAL				
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12841	15/3	2.63	2.81	1.81
12956	15/4	2.63	2.81	1.81
12957	15/5	2.63	2.81	1.81
12958	15/10	2.38	2.81	1.81
12959	17.5/4	2.63	2.81	1.81
12960	17.5/5	2.63	2.81	1.81
12961	20/3	2.63	2.81	1.81
12962	20/4	3.13	2.81	1.81
12963	20/5	2.63	2.81	1.81
12864	20/10	2.63	2.81	1.81
12964	20/15	2.63	2.81	1.81
12842	25/3	2.63	2.81	1.81
12965	25/4	2.63	2.81	1.81
12966	25/5	2.63	2.81	1.81
12843	25/7.5	2.63	2.81	1.81
12832	25/8	2.63	2.81	1.81
12867	25/10	2.63	2.81	1.81
12833	25/15	2.63	2.81	1.81
12844	30/3	2.63	2.81	1.81
12845	30/4	2.63	2.81	1.81
12969	30/5	2.63	2.81	1.81
12846	30/7.5	2.63	2.81	1.81
12847	30/10	2.63	2.81	1.81
12848	35/3	2.63	2.81	1.81
12971	35/4	3.00	2.81	1.81
12972	35/5	2.63	2.81	1.81
12849	35/7.5	2.63	2.81	1.81
12850	35/10	2.63	2.81	1.81
12851	40/3	3.00	2.81	1.81
12858	40/4	2.63	2.81	1.81
12871	40/5	3.00	2.81	1.81
12852	40/7.5	2.63	2.81	1.81
12834	40/10	3.00	2.81	1.81
12874	45/5	3.00	2.81	1.81
12853	45/7.5	3.00	2.81	1.81
12836	45/10	3.75	2.81	1.81
12837	45/15	3.75	2.81	1.81
12838	50/5	3.75	2.81	1.81
12854	55/5	3.75	2.81	1.81
12855	55/7.5	3.75	2.81	1.81
12839	60/5	4.75	2.81	1.81
12856	60/7.5	3.75	2.81	1.81
12857	60/10	3.75	2.81	1.81
12859	65/5	4.75	2.81	1.81
12863	80/5	4.75	3.56	1.88
12817	80/7.5	4.75	2.81	1.81

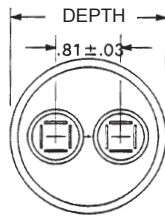
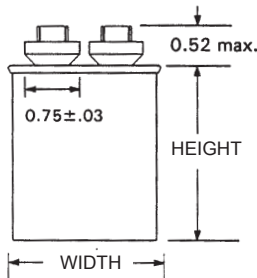
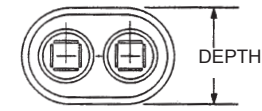
DUAL SECTION 370 VOLT ROUND			
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12701	15/3	3.13	2.00
12702	15/4	3.13	2.00
12703	15/5	3.13	2.00
12704	15/10	3.13	2.00
12705	17.5/4	3.13	2.00
12706	17.5/5	3.13	2.00
12707	20/4	3.13	2.00
12760	20/5	3.13	2.00
12716	20/7.5	2.63	2.00
12708	20/10	3.13	2.00
12709	20/15	3.13	2.00
12711	25/3	3.13	2.00
12875	25/4	3.13	2.00
12761	25/5	3.63	2.00
12762	25/7.5	3.13	2.00
12713	25/10	3.13	2.00
12720	30/3	3.13	2.00
12763	30/4	3.13	2.00
12764	30/5	3.13	2.00
12724	30/7.5	3.13	2.00
12728	30/10	3.13	2.00
12939	30/15	3.63	2.00
12730	35/3	3.13	2.00
12731	35/4	3.13	2.00
12766	35/5	3.13	2.00
12735	35/7.5	2.63	2.00
12738	35/10	3.13	2.00
12739	40/3	3.13	2.00
12767	40/4	3.13	2.00
12878	40/5	3.13	2.00
12768	40/7.5	3.13	2.00
12746	40/10	3.13	2.00
12747	45/3	3.13	2.00
12947	45/4	3.13	2.00
12769	45/5	3.13	2.00
12749	45/7.5	3.13	2.00
12750	45/10	3.13	2.00
12753	50/3	3.13	2.00
12755	50/5	3.13	2.00
12825	50/7.5	3.88	2.00
12757	50/10	3.88	2.00
12893	55/5	3.88	2.00
12894	55/7.5	3.88	2.00
12967	55/10	3.88	2.00
12976	60/3	3.88	2.00
12895	60/5	3.88	2.00
12896	60/7.5	3.88	2.00
12865	60/10	3.88	2.00
12742	65/5	3.88	2.00
12953	70/5	4.75	2.00
12954	70/7.5	4.75	2.00
12955	70/10	4.75	2.00
12744	75/5	4.75	2.00
12946	75/7.5	4.75	2.00
12984	75/10	4.75	2.00
12897	80/5	4.75	2.00
12819	80/7.5	4.75	2.00
12824	80/10	4.75	2.00
12722	80/12.5	4.75	2.00
12829	85/5	4.75	2.00
12756	85/7.5	4.75	2.00
12922	85/10	4.75	2.00

*Capacitors may be put in different case sizes occasionally, but will not be larger than those stated.

Base Dimensions on page J-5

Capacitor Base Dimensions

Capacitor accessories – see page J-7



DUAL SECTION 440/370 VOLT ROUND			
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12811	10/5	3.13	2.00
12818	15/5	3.13	2.00
12656	15/10	3.63	2.00
12650	17.5/5	3.63	2.00
12780	20/5	3.63	2.00
12654	20/7.5	3.63	2.00
12651	20/10	3.13	2.00
12812	20/15	3.13	2.00
12653	25/3	3.13	2.00
12655	25/4	3.13	2.00
12778	25/5	3.63	2.00
12779	25/7.5	3.13	2.00
12813	25/10	3.13	2.00
12814	25/15	3.13	2.00
12826	30/3	3.13	2.00
12820	30/4	3.13	2.00
12781	30/5	3.13	2.00
12782	30/7.5	3.13	2.00
12652	30/10	3.88	2.00
12977	35/3	3.88	2.00
12870	35/4	3.88	2.00
12783	35/5	3.13	2.00
12719	35/6	3.88	2.00
12784	35/7.5	3.88	2.00
12797	35/10	3.88	2.00
12978	40/3	3.88	2.00
12785	40/4	3.88	2.00
12786	40/5	3.88	2.00
12920	40/6	3.88	0.00
12787	40/7.5	3.88	2.00
12798	40/10	3.88	2.00
12979	45/3	3.88	2.00
12891	45/4	3.88	2.00
12788	45/5	3.88	2.00
12827	45/6	3.88	2.00
12789	45/7.5	3.88	2.00
12872	45/10	3.88	2.00
12790	50/5	3.88	2.00
12791	50/7.5	4.75	2.00
12892	50/10	4.75	2.00
12792	55/5	4.75	2.00
12793	55/7.5	4.75	2.00
12799	55/10	4.75	2.00
12860	60/3	4.75	2.00
12794	60/5	4.75	2.00
12795	60/7.5	4.75	2.00
12796	60/10	4.75	2.00
12861	60/12.5	4.75	2.00
12642	65/5	4.75	2.00
12659	65/7.5	4.75	2.00
12862	65/10	3.88	2.50
12823	70/5	3.88	2.50
12866	70/7.5	3.88	2.50
12869	70/10	3.88	2.50
12968	75/5	3.88	2.50
12901	75/7.5	3.88	2.50
12935	75/10	3.88	2.50
12801	80/5	3.88	2.50
12816	80/7.5	3.88	2.50
12821	80/10	3.88	2.50
12938	85/5	4.75	2.50
12942	85/7.5	4.75	2.50
12944	85/10	4.75	2.50

DUAL SECTION 440/370 VOLT OVAL				
JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12660	5/5	2.63	2.81	1.81
12765	10/5	2.63	2.81	1.81
12970	10/10	2.63	2.81	1.81
12770	15/4	2.63	2.81	1.81
12771	15/5	2.63	2.81	1.81
12777	15/10	2.63	2.81	1.81
12880	20/5	2.63	2.81	1.81
12983	20/15	3.00	3.56	1.88
12884	25/5	2.63	2.81	1.81
12882	25/7.5	3.00	2.81	1.81
12883	25/10	3.00	2.81	1.81
12886	25/15	3.75	2.81	1.81
12881	30/4	3.75	2.81	1.81
12887	30/5	3.00	2.81	1.81
12982	30/7.5	3.75	2.81	1.81
12835	30/10	3.75	2.81	1.81
12985	35/3	3.00	2.81	1.81
12879	35/4	3.75	2.81	1.81
12885	35/5	3.75	2.81	1.81
12888	35/7.5	3.00	2.81	1.81
12876	35/8.5	3.00	2.81	1.81
12772	35/10	3.75	2.81	1.81
12877	40/3	3.75	2.81	1.81
12986	40/5	3.75	2.81	1.81
12889	40/7.5	3.75	2.81	1.81
12773	40/10	3.75	2.81	1.81
12890	45/5	4.75	2.81	1.81
12774	45/7.5	4.75	2.81	1.81
12808	50/5	4.75	2.81	1.81
12913	50/7.5	4.75	2.81	1.81
12775	55/5	4.75	2.81	1.81
12822	55/10	4.75	2.81	1.81
12809	60/5	4.75	2.81	1.81
12776	60/7.5	4.75	2.81	1.81
12810	65/10	4.75	3.56	1.88
12815	80/5	4.75	3.56	1.88
12898	80/7.5	4.75	3.56	1.88

*Capacitors may be put in different case sizes occasionally, but will not be larger than those stated.

Motor Start Capacitors

Motor Start Capacitors

JARD Motor Start Capacitors provide a low cost alternative to popular models available. MARS offers the largest assortment of capacitor ratings in the industry.

These electrolytic capacitors feature a hermetically sealed black bakelite case which permanently protects the capacitor from oil, dirt, grease or moisture.

Capacitor accessories – see page J-7



110/125 DUAL VOLTAGE AC		
JARD NO.	MICROFARAD	CASE SIZE
11902	21-25	1
11903	25-30	1
11904	30-36	1
11905	36-43	1
11906	43-56	1
11907	56-67	1
11908	72-88	1
11909	88-107	1
11910	108-130	1
11912	124-155	1
11911	130-156	1
11913	145-174	1
11914	161-193	1
11915	189-227	1
11916	200-240	1
11917	216-259	1
11918	233-291	1
11919	270-324	1
11920	300-360	1
11921	324-388	1
11922	340-408	1
11923	378-438	1
11924	400-480	1
11971	430-516	1
11925	460-552	1
11926	540-648	2
11927	590-708	4
11947	645-774	4
11928	708-850	4
11972	815-970	4
11929	829-995	4
11973	850-1020	4
11930	1000-1200	4
11974	1290-1548	5

165 VOLTAGE AC		
JARD NO.	MICROFARAD	CASE SIZE
11975	72-88	1
11976	88-107	1
11977	108-130	1
11931	124-149	1
11932	145-174	1
11933	161-193	1
11934	189-227	1
11978	216-259	2
11935	233-292	2
11936	270-324	2
11979	340-408	4
11980	378-455	4
11994	400-480	4
11981	540-648	4
11982	710-852	5
11983	810-972	5

220/250 DUAL VOLTAGE AC		
JARD NO.	MICROFARAD	CASE SIZE
11938	21-25	1
11939	25-30	1
11940	30-36	1
11941	36-43	1
11942	43-56	1
11943	56-70	1
11984	59-71	1
11937	64-77	1
11944	72-88	1
11945	88-107	1
11946	108-130	4
11948	124-155	4
11949	145-175	4
11950	161-193	4
11951	189-227	4
11952	216-259	4
11953	233-292	4
11954	270-324	4
11985	280-336	4
11986	320-384	4
11987	340-408	4
11988	378-454	5
11989	400-480	5
11990	430-516	5
11991	630-756	8

330 VOLTAGE AC		
JARD NO.	MICROFARAD	CASE SIZE
11955	21-25	1
11956	25-30	1
11957	30-36	1
11958	36-43	1
11959	43-56	2
11995	56-67	2
11960	64-77	2
11961	72-88	2
11962	88-108	2
11963	108-130	5
11964	130-156	5
11965	124-156	5
11992	135-162	5
11966	145-174	5
11967	161-193	5
11968	189-227	5
11969	216-259	7
11970	270-324	7
11993	300-360	8

CASE DIMENSIONS		
CASE SIZE	DIAMETER IN INCHES	LENGTH INCHES
1	1.44	2.75
2	1.44	3.38
4	1.81	3.38
5	1.81	4.38
6	2.06	3.38
7	2.06	4.38
8	2.56	4.38

*Capacitors may be put in different case sizes occasionally, but will not be larger than those stated.

QC-6 Kit

93001

For conversion of screw-type connections on relays



Resistor for Start Capacitors

93007

2 watt (15,000 ohm) Resistors



Snap-on Mounting Brackets for Motor Start Capacitors

93026 2.75 in

93027 3.38 in

93028 4.38 in



Protector (boots) for Motor Run Capacitors

93011 1 Hole Boot

93012 2 Hole Boot



Wrap-Around Brackets for Oval Motor Run Capacitors

93014 1.94 x 2.78 for base A

93015 1.97 x 2.94 for base C

93016 2.25 x 3.66 for base D



Mounting Brackets for Round Capacitors

93031 For 1.63 in and 1.75 in dia.

93032 For 2.0 in dia.

93033 For 2.50 in dia.



Bakelite End Caps for Motor Start Capacitors

93018 BEC-1 1.44 in

93019 BEC-2 1.81 in

93020 BEC-3 2.06 in

93021 BEC-4 2.56 in

For mounting OFF MOTOR. Leads on top side.

93022 BEC-1 1.44 in

93023 BEC-2 1.81 in

93024 BEC-3 2.06 in

93025 BEC-4 2.56 in



Definite Purpose Contactors

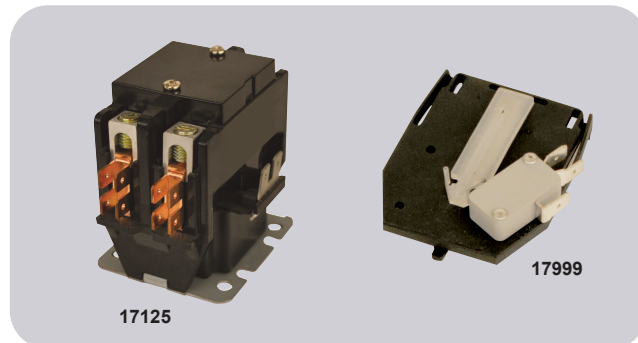
Definite Purpose Contactors

“A Low Cost Alternative By The Name You Trust”

JARD Definite Purpose Contactors are designed for use on refrigeration, air conditioning, and electric heating systems. The universal mounting base allows replacement of most contactor brands. Power connections can be made with either screws & quick connects or lugs & quick connects depending on the style.

Features:

- 2 styles: screw terminals with quick connects or lug terminals with quick connects
- UL (both styles)
- CSA (screw terminal style)
- CUL (lug terminal style)



JARD W/LUGS	JARD W/SCREWS	FULL LOAD AMPS	RESISTIVE AMPS	COIL VOLTAGE	POLES
17125	17121	20	30	24	2
17126	17122	20	30	120	2
17127	17123	20	30	240	2
17215	-	25	35	24	1-1/2
17216	-	25	35	120	1-1/2
17217	-	25	35	240	1-1/2
17225	17221	25	35	24	2
17226	17222	25	35	120	2
17227	17223	25	35	240	2
17315	17311	30	40	24	1-1/2
17316	17312	30	40	120	1-1/2
17317	17313	30	40	240	1-1/2
17325	17321	30	40	24	2
17326	17322	30	40	120	2
17327	17323	30	40	240	2
17335	17331	30	40	24	3
17336	17332	30	40	120	3
17337	17333	30	40	240	3
17415	-	40	50	24	1-1/2
17416	-	40	50	120	1-1/2
17417	-	40	50	240	1-1/2

JARD W/LUGS	JARD W/SCREWS	FULL LOAD AMPS	RESISTIVE AMPS	COIL VOLTAGE	POLES
17425	-	40	50	24	2
17426	-	40	50	120	2
17427	-	40	50	240	2
17435	-	40	50	24	3
17436	-	40	50	120	3
17437	-	40	50	240	3
17535	-	50	65	24	3
17536	-	50	65	120	3
17537	-	50	65	240	3
17635	-	60	75	24	3
17636	-	60	75	120	3
17637	-	60	75	240	3
17735	-	75	90	24	3
17736	-	75	90	120	3
17737	-	75	90	240	3
17935	-	90	120	24	3
17936	-	90	120	120	3
17937	-	90	120	240	3
17997		Auxiliary Contact- Fits 75 & 90A 3P models			
17998		Auxiliary Contact- Fits 50 & 60A 3P models			
17999		Auxiliary Contact- Fits 40A 3P models			

General Purpose Switching Relays

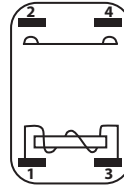
JARD SPST and SPDT Fan Relays are among the most popular electromechanical relays used in air conditioning, heating and refrigeration today.

Features:

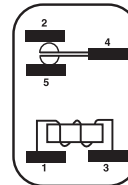
- 16 Amp switching
- 55 Amp inrush current
- Quick-connect terminals
- Tab bracket, Non-positional
- UL and CUR

JARD NO.	NORMALLY OPEN COIL VOLTAGE	CONTACT RATING 125/250 VAC		REPLACES ESSEX/RBM NO.
		INDUCTIVE	RESISTIVE	
SPST				
92290	24	8 amps	16 amps	90-290, 90-290Q
92291	110-120	continuous	16 amps	90-291, 90-291Q
92292	208/240	25 amps inrush	16 amps	90-292, 90-292Q
SPDT				
92293	24	8 amps	16 amps	90-293, 90-293Q
92294	110-120	continuous	16 amps	90-294, 90-294Q
92295	208/240	25 amps inrush	16 amps	90-295, 90-295Q

Switch Diagrams



92290
92291
92292



92293
92294
92295



Heavy Duty Fan Switching Relays

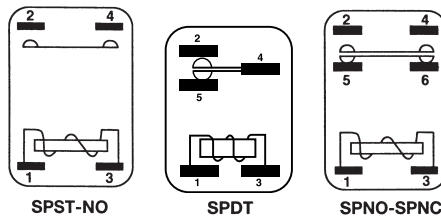
JARD Heavy Duty Fan Relays are used on heating and air conditioning equipment to provide switching of heavier loads with a compact size relay.

Features:

- 25 Amp switching
- Compact and totally enclosed
- Quick-connect terminals
- Tab bracket, Non-positional
- UL and CUR



Terminal Identification



SPST-NO

SPDT

SPNO-SPNC

Model Identification

COIL VOLTAGE	JARD NO. SPST-NO.	JARD NO. NO. SPDT	JARD NO. SPNO-SPNC
24	92360	92370	92380
110/120	92362	92372	92382
208/240	92364	92374	92384

Contact Rating

VOLTAGE	FULL LOAD	LOCKED ROTOR	RESISTIVE
120	12	60	18
240	8	48	18
277	7	42	18

Cross Reference:

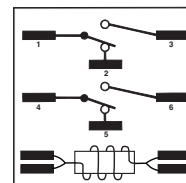
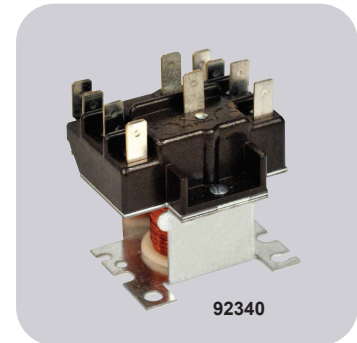
ESSEX/RBM	JARD NO.	ESSEX/RBM	JARD NO.
90-360Q	92360	90-374Q	92374
90-362Q	92362	90-380Q	92380
90-364Q	92364	90-382Q	92382
90-370Q	92370	90-384Q	92384
90-372Q	92372		

2PDT HVAC Relays

JARD Heavy Duty Fan Relays are used on heating and air conditioning equipment to provide switching of heavier loads with a compact size relay.

Features:

- 25 Amp switching
- Universal mounting bracket
- Quick-connect terminals
- UL and CUR



COIL
Terminals 1 & 2, 4 & 5 are normally closed
Terminals 1 & 3, 4 & 6 are normally open

Contact Rating

	POWER 208/240V		PILOT 208/240V	
	120V	277V	120V	277V
Full load Amps	12	6	-	-
Resistive	15	15	3	3
Locked Rotor Amps	60	35	-	-
Horsepower	3/4	3/4	1/10	1/10

JARD NO.	COIL VOLTAGE	TERMINALS 1-2-3	TERMINALS 4-5-6	CROSS REFERENCE ESSEX / RBM	HONEYWELL
92340	24			90-340	R8222D1014
92341	110/120	Power	Power	90-341	R4222D1013
92342	208/240			90-342	R4222N1021

Pressure Switches

Fixed Setting Pressure Controls

High Pressure Cut-Outs

JARD offers the most complete line of high pressure cut-outs available.

Features:

- Tamper proof construction
- Direct mounting on tubing

Specifications:

- Contacts rated at 6 amps, 24-240 volts
- 1/4" female flare S.A.E. mounting
- 18" leads
- UL & CSA recognized



Low Pressure Controls

Features:

- Tamper proof construction
- Direct mounting on tubing

Specifications:

- Contacts rated at 6 amps, 24-240 volts
- 1/4" female flare S.A.E. mounting
- 18" leads
- UL & CSA recognized



High Pressure Cut-Outs, Open on Pressure Rise, Automatic Reset, Normally Closed

JARD NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE	MOUNTING
43922	250/150 HP Open on rise	250	150	1/4" Female Flare Fitting S.A.E. Mounting
43924	275/195 HP Open on rise	275	195	1/4" Female Flare Fitting S.A.E. Mounting
43925	300/200 HP Open on rise	300	200	1/4" Female Flare Fitting S.A.E. Mounting
43926	325/225 HP Open on rise	325	225	1/4" Female Flare Fitting S.A.E. Mounting
43920	350/245 HP Open on rise	350	245	1/4" Female Flare Fitting S.A.E. Mounting
43927	350/250 HP Open on rise	350	250	1/4" Female Flare Fitting S.A.E. Mounting
43928	375/275 HP Open on rise	375	275	1/4" Female Flare Fitting S.A.E. Mounting
43929	400/200 HP Open on rise	400	200	1/4" Female Flare Fitting S.A.E. Mounting
43930	400/280 HP Open on rise	400	280	1/4" Female Flare Fitting S.A.E. Mounting
43931	400/300 HP Open on rise	400	300	1/4" Female Flare Fitting S.A.E. Mounting
43911	410/290 HP Open on rise	410	290	1/4" Female Flare Fitting S.A.E. Mounting
43932	425/300 HP Open on rise	425	300	1/4" Female Flare Fitting S.A.E. Mounting
43933	425/325 HP Open on rise	425	325	1/4" Female Flare Fitting S.A.E. Mounting
43934	450/250 HP Open on rise	450	250	1/4" Female Flare Fitting S.A.E. Mounting
43965	590/418 HP Open on rise	590	418	1/4" Female Flare Fitting S.A.E. Mounting
43935	600/475 HP Open on rise	600	475	1/4" Female Flare Fitting S.A.E. Mounting
43939	630/480 HP Open on rise	630	480	1/4" Female Flare Fitting S.A.E. Mounting

Low Pressure Controls, Open on Pressure Fall, Automatic Reset, Normally Open

JARD NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE	MOUNTING
43941	5/20 LP Open on fall	5	20	1/4" Female Flare Fitting S.A.E. Mounting
43942	5/30 LP Open on fall	5	30	1/4" Female Flare Fitting S.A.E. Mounting
43943	10/25 LP Open on fall	10	25	1/4" Female Flare Fitting S.A.E. Mounting
43944	15/35 LP Open on fall	15	35	1/4" Female Flare Fitting S.A.E. Mounting
43945	20/45 LP Open on fall	20	45	1/4" Female Flare Fitting S.A.E. Mounting
43946	25/50 LP Open on fall	25	50	1/4" Female Flare Fitting S.A.E. Mounting
43947	25/65 LP Open on fall	25	65	1/4" Female Flare Fitting S.A.E. Mounting
43948	25/80 LP Open on fall	25	80	1/4" Female Flare Fitting S.A.E. Mounting
43949	35/60 LP Open on fall	35	60	1/4" Female Flare Fitting S.A.E. Mounting
43950	40/80 LP Open on fall	40	80	1/4" Female Flare Fitting S.A.E. Mounting
43951	45/60 LP Open on fall	45	60	1/4" Female Flare Fitting S.A.E. Mounting
43952	50/90 LP Open on fall	50	90	1/4" Female Flare Fitting S.A.E. Mounting
43953	75/100 LP Open on fall	75	100	1/4" Female Flare Fitting S.A.E. Mounting
43975	90/120 LP Open on fall	90	120	1/4" Female Flare Fitting S.A.E. Mounting
43954	150/225 LP Open on fall	150	225	1/4" Female Flare Fitting S.A.E. Mounting
43955	170/225 LP Open on fall	170	225	1/4" Female Flare Fitting S.A.E. Mounting

Condenser Fan Cycling Switch

Manual Reset high pressure controls

Specifications:

- UL & CSA recognized



JARD NO.	DESCR.	OPENING PRESSURE	RESET PRESSURE	MOUNTING	SWITCH ACTION (OPEN ON PRESSURE)
43901	75/100 FC Close on rise	75	100	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43902	110/170 FC Close on rise	110	170	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43903	125/265 FC Close on rise	125	265	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43904	150/225 FC Close on rise	150	225	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43970	180/240 FC Close on rise	180	240	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43905	19/275 FC Close on rise	190	275	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43906	210/275 FC Close on rise	210	275	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43907	300/400 FC Close on rise	300	400	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43912	375/Man. Open on rise	375	Manual	1/4" Female Flare Fitting S.A.E. Mounting	Rise
43913	410/Man. Open on rise	410	Manual	1/4" Female Flare Fitting S.A.E. Mounting	Rise
43916	475/Man. Open on rise	475	Manual	1/4" Female Flare Fitting S.A.E. Mounting	Rise

JARD Fuses

Applications:

- Recommended for AC power distribution system mains, feeders, and branch circuits.
- Protection of motors and motor branch circuits.
- Protection of transformers and other inductive loads.
- All general-purpose applications including lighting, heating and other non-inductive loads.

Benefits:

- Superior overload and cycling capabilities.
- Current limiting provides component short-circuit protection.

Specifications:

Dual-Element Time-Delay

Voltage Rating: RK5 - 250Vac,

RK5 - 600Vac

Amp Rating: 1/10 - 600A

Interrupting Rating: 200,000 RMS Symmetrical Amps

Current Limiting: RK5 Fuse

Agency Approvals:

UL Listed, Class RK5, CSA Certified, DC listed to UL standard

248 TRS only

Voltage Rating: RK5 250V

Volts: 250VAC

: 250VDC (.1-2.8A; 35-400A)

: 160VDC (3-30A; 450-600A)

RK5 600V

Volts: 600VAC

: 600VDC (.1-12A; 70-600A)

: 160VDC (15-60A)



RK5 Time Delay Fuse 250V

Replaces: TR, ECNR, FRNR, FLNR

MARS NO.	DESCRIPTION	MARS PACK
81006	.5A - 250V	10
81009	1A - 250V	10
81016	2A - 250V	10
81017	2.5A - 250V	10
81019	3A - 250V	10
81020	3.2A - 250V	10
81021	4A - 250V	10
81024	5A - 250V	10
81025	5.6A - 250V	10
81026	6A - 250V	10
81027	6.25A - 250V	10
81029	7A - 250V	10
81030	8A - 250V	10
81032	10A - 250V	10
81033	12A - 250V	10
81034	15A - 250V	10
81035	17.5A - 250V	10
81036	20A - 250V	10
81037	25A - 250V	10
81038	30A - 250V	10
81039	35A - 250V	10
81040	40A - 250V	10
81041	45A - 250V	10
81042	50A - 250V	10
81043	60A - 250V	10
81044	70A - 250V	5
81045	80A - 250V	5
81046	90A - 250V	5
81047	100A - 250V	5
81048	110A - 250V	1
81049	125A - 250V	1
81050	150A - 250V	1
81051	175A - 250V	1
81052	200A - 250V	1
81053	225A - 250V	1
81054	350A - 250V	1
81056	400A - 250V	1
81055	600A - 250V	1

RK5 Time Delay Fuse 600V

Replaces: TRS, ECSR, FRSR, FLRS

MARS NO.	DESCRIPTION	MARS PACK
81103	.2A - 600V	10
81106	.5A - 600V	10
81109	1A - 600V	10
81110	1.6A - 600V	10
81111	2A - 600V	10
81112	2.25A - 600V	10
81124	5A - 600V	10
81125	6A - 600V	10
81132	10A - 600V	10
81133	12A - 600V	10
81134	15A - 600V	10
81136	20A - 600V	10
81137	25A - 600V	10
81138	30A - 600V	10
81139	35A - 600V	10
81140	40A - 600V	10
81147	45A - 600V	10
81141	50A - 600V	10
81142	60A - 600V	10
81143	70A - 600V	5
81144	80A - 600V	5
81145	90A - 600V	5
81146	100A - 600V	5
81154	110A - 600V	1
81148	125A - 600V	1
81149	150A - 600V	1
81150	175A - 600V	1
81151	200A - 600V	1
81152	250A - 600V	1
81153	300A - 600V	1

Unit Bearing Motors / Condenser Fan Motors

Unit Bearing Motors

JARD Unit Bearing Cast Iron Motors are used on refrigerators, freezers, food & beverage coolers, vending machines, display cases, and many other fan duty applications.

Features:

- Cast iron construction
- Universal mount
- Mounting screws included
- Individually boxed

Specifications:

- Class "A" insulation
- UL Recognized



Condenser Fan Motors

Ball Bearing

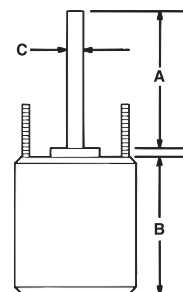
JARD replacement condenser fan motors are designed for residential and light commercial HVAC/R applications suitable for either vertical shaft-up or shaft-down mounting. Shell and end shields are enclosed for weather protection. A weep hole is provided in each end shield to allow condensate to drain.

Features:

- All angle, sleeve or ball bearing
- Rheem mounting holes w/screws
- Reversible rotation
- Thru bolt or band mounting
- Capacitor requirement noted on motor label
- Up/Down design

Specifications:

- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- Fan duty, continuous air over
- 26 & 36 inch leads
- UL Recognized



JARD NO.	WATTS	VOLTAGE	ROTATION	AMPS	LEAD LENGTH
15109	2	115	CW	0.28	24"
15211	4	115	CW	0.33	24"
15212	4	115	CCW	0.33	24"
15221	4	230	CW	0.19	24"
15222	4	230	CCW	0.19	24"
15311	6	115	CW	0.46	24"
15312	6	115	CCW	0.46	24"
15119*	9	115	CW	0.62	13"
15411	9	115	CW	0.62	24"
15412	9	115	CCW	0.62	24"
15421	9	230	CW	0.33	24"
15422	9	230	CCW	0.33	24"
15811	16	115	CW	0.95	24"
15812	16	115	CCW	0.95	24"
15821	16	230	CW	0.48	24"
15822	16	230	CCW	0.48	24"

* Note: 13" lead with lyall plug

Cross Reference:

JARD NO.	ECONOMASTER	SMART ELECTRIC	WAGNER/DIVERSITECH	PACKARD	US MOTORS/EMERSON
22403	EM3403	-	-	60825	1873
22404	EM3404	SE3338	WG840204	40825	1874
22405	EM3405	SE3339	WG840205	30825	1875
22746	EM3746	-	-	-	1870
22727	EM3727	SE3727	WG840727	43727	1859
22728	EM3728	SE3728	WG840728	43728	1860
22729	EM3729	SE3729	WG840729	43729	1861
22730	EM3730	SE3730	WG840730	43730	1862
22731	EM3731	SE3731	WG840731	43731	1868

Reversible Rotation – Single Speed

MARS NO.	HP	VOLTS	AMPS	CAP REQ.	ENCL.	BRG.	DIMENSIONS			LEAD LENGTHS
							A	B	C	
1075 RPM										
22727	1/6	208-230	0.90	5/370	TEAO	Ball	6.50	4.23	1/2	26"
22728	1/4	208-230	1.8	5/370	TEAO	Ball	6.50	4.23	1/2	26"
22729	1/3	208-230	2.4	7.5/370	TEAO	Ball	6.50	5.23	1/2	26"
22730	1/2	208-230	3.5	10/370	TEAO	Ball	6.50	5.73	1/2	26"
22731	3/4	208-230	5.2	10/370	TEAO	Ball	6.50	6.23	1/2	30.5"

MARS NO.	HP	VOLTS	AMPS	CAP REQ.	ENCL.	BRG.	DIMENSIONS			LEAD LENGTHS
							A	B	C	
825 RPM										
22403	1/6	208-230	1.0	5/370	TEAO	Ball	6.50	4.23	1/2	36"
22404	1/4	208-230	1.6	5/370	TEAO	Ball	6.50	4.48	1/2	36"
22405	1/3	208-230	1.9	7.5/370	TEAO	Ball	6.50	5.23	1/2	36"
22746	1/2	208-230	2.8	12.5/370	TEAO	Ball	6.50	5.70	1/2	36"

Direct Drive Blower Motors

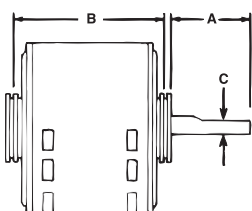
JARD direct drive blower motors are ideal for use in commercial and residential furnaces and air-conditioners. All models are three speed standard efficiency and are electrically reversible.

Features:

- All angle sleeve bearing
- Rheem mounting holes
- 3 speeds
- 1/2 inch extended thru bolts
- 2-1/4 inch resilient rings
- 4 inch long, 1/2 inch diameter shaft

Specifications:

- Class "B" insulation
- Single phase, 60 Hertz
- Thermal overload protected
- Fan duty, continuous, air over
- Open construction
- 26 & 30 inch leads
- UL Recognized



Multi-Horsepower Direct Drive Motors

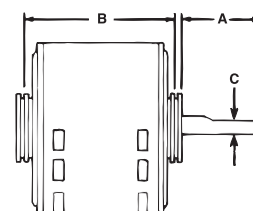
JARD multi-horsepower direct drive blower motors are used in residential and commercial furnaces, air conditioners, exhaust fans, and other air handling equipment installed in clean and dry environments. Four models cover both 115 and 208-230 volt applications from 1/6 through 3/4 HP. All models feature Rheem shell mounting holes.

Features:

- Rheem mounting holes
- Reversible rotation
- 2-1/4 inch resilient rings

Specifications:

- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- 41 inch leads
- UL Recognized



Cross Reference:

JARD NO.	ECONOMASTER	SMART ELECTRIC	WAGNER/DIVERSITECH	PACKARD	US MOTORS/EMERSON
22583	EM3583	SE3583	WG840583	43583	1863
22584	EM3584	SE3584	WG840584	43584	1971
22585	EM3585	SE3585	WG840585	43585	1864
22586	EM3586	SE3586	WG840586	43586	1972
22587	EM3587	SE3587	WG840587	43587	1865
22588	EM3588	SE3588	WG840588	43588	1973
22589	EM3589	SE3589	WG840589	43589	8904
22590	EM3590	SE3590	WG840590	43590	8905

Cross Reference:

JARD NO.	ECONOMASTER	SMART ELECTRIC	WAGNER/DIVERSITECH	PACKARD	US MOTORS/EMERSON
22463	EM3463	SE3463	WG840463	45460	5460
22464	EM3464	SE3464	WG840464	45461	5461
22466	EM3466	SE3466	WG840466	45470	5470
22467	EM3467	SE3467	WG840467	45471	5471

1075 RPM – Three Speed – Reversible Rotation

MARS NO.	HP	ROT	VOLTS	AMPS	CAP REQ.	ENCL.	BRG.	DIMENSIONS			LEAD LENGTHS
								A	B	C	
22583	1/4	Rev	115	4.2	5/370	OAO	Ball	4.50	4.89	1/2	26"
22584	1/4	Rev	208-230	1.8	5/370	OAO	Ball	4.50	4.89	1/2	26"
22585	1/3	Rev	115	6.1	5/370	OAO	Ball	4.50	5.14	1/2	30"
22586	1/3	Rev	208-230	2.7	5/370	OAO	Ball	4.50	5.14	1/2	26"
22587	1/2	Rev	115	7.5	10/370	OAO	Ball	4.50	5.89	1/2	30"
22588	1/2	Rev	208-230	3.2	7.5/370	OAO	Ball	4.50	5.64	1/2	30"
22589	3/4	Rev	115	11.2	15/370	OAO	Ball	4.50	6.14	1/2	30"
22590	3/4	Rev	208-230	4.5	10/370	OAO	Ball	4.50	6.14	1/2	30"

1075 RPM - Four Speed - Reversible Rotation

MARS NO.	HP	ROT	VOLTS	ENCL.	BRG.	DIMENSIONS			LEAD LENGTHS
						A	B	C	
22463	1/6 - 1/2	Rev	115	OAO	Sleeve	5.50	4.73	1/2	42"
22464	1/6 - 1/2	Rev	230	OAO	Sleeve	5.50	4.73	1/2	41"
22466	1/5 - 3/4	Rev	115	OAO	Ball	5.80	5.73	1/2	41"
22467	1/5 - 3/4	Rev	230	OAO	Ball	4.60	5.23	1/2	41"

Multi-Horsepower Motors / Condenser Fan Motors

Multi-Horsepower Condenser Fan Motors

Ball Bearing

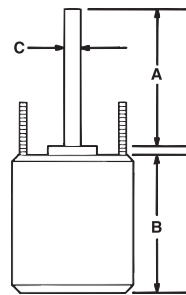
JARD multi-horsepower condenser fan motors are designed for either shaft up or shaft down applications. All motors are suitable for air conditioning or heat pump applications. These motors need to be mounted within the airflow of the fan for proper cooling.

Features:

- Rheem mounting holes w/screws installed
- Thru bolt or band mounting
- Water slinger on shaft
- Air conditioning or heat pump duty

Specifications:

- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- UL Recognized



Cross Reference:

JARD NO.	ECONOMASTER	SMART ELECTRIC	WAGNER/DIVERSITECH	PACKARD	US MOTORS/EMERSON
22458	EM3458	-	-	45458BF	5458
22459	EM3459	-	-	45488BF	5464
22465	EM3465	SE3465	WG840465	45458B	5462
22468	EM3468	SE3468	WG840468	-	5465
22469	EM3469	SE3469	WG840469	-	5464

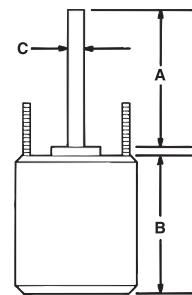
Reversible Rotation – Single Speed

MARS NO.	HP	ROT	RPM/SPEED	VOLTS	ENCL.	BRG.	DIMENSIONS			LEAD LENGTHS
							A	B	C	
22458	1/6 - 1/3	Rev	1075	208-230	TEAO	Ball	6.50	3.82	1/2	36"
22459	1/8 - 1/3	Rev	825	208-230	TEAO	Ball	6.50	5.48	1/2	36"
22465	1/6 - 1/3	Rev	1075/2	208-230	TEAO	Ball	5.00	4.73	1/2	38"
22468	1/8 - 1/2	Rev	1075/2	208-230	TEAO	Ball	5.00	5.48	1/2	38"
22469	1/6 - 1/3	Rev	825/2	208-230	TEAO	Ball	5.00	5.48	1/2	42"

Condenser Fan Motors

Ball Bearing

JARD replacement condenser fan motors are designed for residential and light commercial HVAC/R applications suitable for either vertical shaft-up or shaft-down mounting. Shell and end shields are enclosed for weather protection. A weep hole is provided in each end shield to allow condensate to drain.



Features:

- All angle, ball bearing
- Rheem mounting holes w/screws
- Reversible rotation
- Thru bolt or band mounting
- Capacitor requirement noted on motor label
- Up/Down design
- 48" Leads

Specifications:

- Class "B" insulation
- Single phase, 60 Hz
- 70°C, 158°F
- Thermal overload protected
- Fan duty, continuous air over
- UL Recognized

Reversible Rotation – Single Speed

MARS NO.	HP	VOLTS	AMPS	CAP REQ.	ENCL.	BRG.	DIMENSIONS		
							A	B	C
1075 RPM									
26726	1/5	208-230	0.90	5/370	TEAO	Ball	6.50	4.23	1/2
26727	1/6	208-230	0.90	5/370	TEAO	Ball	6.50	4.23	1/2
26728	1/4	208-230	1.8	5/370	TEAO	Ball	6.50	4.23	1/2
26729	1/3	208-230	2.4	7.5/370	TEAO	Ball	6.50	5.23	1/2
26730	1/2	208-230	3.5	10/370	TEAO	Ball	6.50	5.73	1/2
26731	3/4	208-230	5.2	10/370	TEAO	Ball	6.50	6.23	1/2

MARS NO.	HP	VOLTS	AMPS	CAP REQ.	ENCL.	BRG.	DIMENSIONS		
							A	B	C
825 RPM									
26403	1/6	208-230	1.0	5/370	TEAO	Ball	6.50	4.23	1/2
26404	1/4	208-230	1.6	5/370	TEAO	Ball	6.50	4.48	1/2
26405	1/3	208-230	1.9	7.5/370	TEAO	Ball	6.50	5.23	1/2
26746	1/2	208-230	2.8	12.5/370	TEAO	Ball	6.50	5.70	1/2

Multi-Horsepower Condenser Fan Motors

Ball Bearing

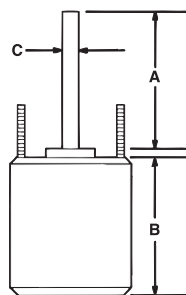
JARD multi-horsepower condenser fan motors are designed for either shaft up or shaft down applications. All motors are suitable for air conditioning or heat pump applications. These motors need to be mounted within the airflow of the fan for proper cooling.

Features:

- Rheem mounting holes w/screws installed
- Thru bolt or band mounting
- Water slinger on shaft
- Air conditioning or heat pump duty
- 48" Leads

Specifications:

- Class "B" insulation
- Single phase, 60 Hz
- 70°C, 158°F
- Thermal overload protected
- UL Recognized



MARS NO.	HP	ROT	RPM/SPEED	VOLTS	ENCL.	BRG.	DIMENSIONS		
							A	B	C
26458	1/6 - 1/3	Rev	1075	208-230	TEAO	Ball	6.50	3.82	1/2
26459	1/8 - 1/3	Rev	825	208-230	TEAO	Ball	6.50	5.48	1/2
26465	1/6 - 1/3	Rev	1075/2	208-230	TEAO	Ball	5.00	4.73	1/2
26468	1/8 - 1/2	Rev	1075/2	208-230	TEAO	Ball	5.00	5.48	1/2
26469	1/6 - 1/3	Rev	825/2	208-230	TEAO	Ball	5.00	5.48	1/2

JARD Cross Reference:

JARD NO.	ECONOMASTER	SMART ELECTRIC	WAGNER/DIVERSITECH	PACKARD	US MOTORS/EMERSON
22403	EM3403	-	-	60825	1873
22404	EM3404	SE3338	WG840204	40825	1874
22405	EM3405	SE3339	WG840205	30825	1875
22746	EM3746	-	-	-	1870
22727	EM3727	SE3727	WG840727	43727	1859
22728	EM3728	SE3728	WG840728	43728	1860
22729	EM3729	SE3729	WG840729	43729	1861
22730	EM3730	SE3730	WG840730	43730	1862
22731	EM3731	SE3731	WG840731	43731	1868
22583	EM3583	SE3583	WG840583	43583	1863
22584	EM3584	SE3584	WG840584	43584	1971
22585	EM3585	SE3585	WG840585	43585	1864
22586	EM3586	SE3586	WG840586	43586	1972
22587	EM3587	SE3587	WG840587	43587	1865
22588	EM3588	SE3588	WG840588	43588	1973
22589	EM3589	SE3589	WG840589	43589	8904
22590	EM3590	SE3590	WG840590	43590	8905
22463	EM3463	SE3463	WG840463	45460	5460
22464	EM3464	SE3464	WG840464	45461	5461
22466	EM3466	SE3466	WG840466	45470	5470
22467	EM3467	SE3467	WG840467	45471	5471
22458	EM3458	-	-	45458BF	5458
22459	EM3459	-	-	45488BF	5464
22465	EM3465	SE3465	WG840465	45458B	5462
22468	EM3468	SE3468	WG840468	-	5465
22469	EM3469	SE3469	WG840469	-	5464
26726	-	-	-	-	-
26727	EM3727	-	WG840727	43727	1859
26728	EM3728	-	WG840728	43728	1860
26729	EM3729	-	WG840729	43729	1861
26730	EM3730	-	WG840730	43730	1862
26731	EM3731	-	WG840731	43731	1868
26403	EM3403	-	-	60825	1873
26404	EM3404	-	WG840204	40825	1874
26405	EM3405	-	WG840205	30825	1875
26746	EM3746	-	-	-	1870
26458	EM3458	-	-	-	5458
26459	EM3459	-	-	-	5464
26465	EM3465	-	WG840465	-	5462
26468	EM3468	-	WG840468	-	5465
26469	EM3469	-	WG840469	-	5464

