

## Fire Pump Motors ODP, 10 thru 300 HP

### APPLICATIONS:

Baldor•Reliance Fire pump motors are designed for use on fire pumps installed per NFPA-20. These Open Drip Proof motors are for use in relatively clean and dry environments.

### AVAILABLE STOCK RATINGS:

- Foot mounted 10-300 Hp
- Closed Coupled Pump 10-100 Hp
- 2 & 4 pole designs
- 50/60 Hz
- 230/460V, 460V and 200/400V

### ELECTRICAL FEATURES:

- Class F insulation system
- 1.15 service factor
- 40°C ambient continuous
- NEMA Design B, 60 Hz
- Fire Pump motors are not recommended for use with variable frequency drives.
- UL file E481231

### MECHANICAL FEATURES:

- IP22 / IP23
- 213T-404TS Rolled steel construction
- 444TS-445TS Cast Iron construction
- Exterior red paint RAL3002
- Meets NEMA MG1



# Baldor•Reliance Fire Pump Motors

## THREE PHASE, ODP, FOOT MOUNTED



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
<b>230/460 &amp; 460 Volts</b>										
10	3600	213T	FPM3312T	1,322	FP	16.32	121	88.5	230/460	12
	1800	215T	FPM3313T	1,488	FP	16.32	115	89.5	230/460	13.4
15	3600	215T	FPM3314T	1,720	FP	16.32	131	89.5	230/460	17.7
	1800	254T	FPM2513T	1,967	FP	22.25	213	91	230/460	17.5
20	3600	254T	FPM2514T	2,051	FP	22.25	145	90.2	230/460	23
	1800	256T	FPM2515T	2,113	FP	21.69	225	91	230/460	24
25	3600	256T	FPM2516T	2,293	FP	21.69	210	91	230/460	29
	1800	284TS	FPM2531TS	2,548	FP	23.56	236	91.7	230/460	29
30	3600	284TS	FPM2534T	2,647	FP	22.06	235	91	230/460	35
	1800	286TS	FPM2535TS	3,162	FP	23.69	340	92.4	230/460	36
40	3600	286TS	FPM2538T	3,363	FP	23.56	263	91.7	230/460	45
	1800	324TS	FPM2539TS	3,515	FP	24.69	375	93	230/460	49
50	3600	324TS	FPM2542T	3,835	FP	24.69	331	92.4	230/460	58
	1800	326TS	FPM2543TS	3,882	FP	25.69	385	93	230/460	60
60	3600	326TS	FPM2546T	4,677	FP	25.69	385	93	230/460	68
	1800	364TS	FPM2547TS	4,976	FP	25.81	480	93.6	230/460	72
75	3600	364TS	FPM2549T	6,378	FP	25.81	485	93	230/460	84
	1800	365TS	FPM2551TS	5,598	FP	27.81	570	94.1	230/460	87
100	3600	365TS	FPM2550T	6,922	FP	26.81	523	93	230/460	113
	1800	404TS	FPM2555TS	8,407	FP	31.85	597	94.1	230/460	117
125	3600	404TS	FPM2554T-4	9,635	FP	31.85	660	93.6	460	138
	1800	405TS	FPM2559TS-4	9,919	FP	33.60	590	94.5	460	145
150	3600	405TS	FPM2556T-4	11,830	FP	31.85	925	93.6	460	164
	1800	444TS	FPM2558TS-4	11,560	FP	35.88	1579	95	460	167
200	3600	444TS	FPM2562T-4	15,174	FP	35.88	1449	94.5	460	232
	1800	445TS	FPM2563TS-4	14,220	FP	35.88	1718	95	460	224
250	3600	445TS	FPM2565T-4	15,975	FP	35.88	1737	94.5	460	288
	1800	445TS	FPM2566TS-4	16,184	FP	35.88	1844	95.4	460	272
300	3600	445TS	FPM2568T-4	23,699	FP	35.88	1697	95	460	339
<b>200/400 Volts</b>										
25	3600	256T	FPM2516T-2/4	2,293	FP	21.69	210	91	200/400	34
	1800	284TS	FPM2531TS-2/4	2,548	FP	23.56	236	91.7	200/400	34
30	3600	284TS	FPM2534T-2/4	2,647	FP	22.06	235	91	200/400	40
	1800	286TS	FPM2535TS-2/4	3,162	FP	23.69	340	92.4	200/400	41
40	3600	286TS	FPM2538T-2/4	3,363	FP	23.56	263	91.7	200/400	52
	1800	324TS	FPM2539TS-2/4	3,515	FP	24.69	375	93	200/400	56
50	3600	324TS	FPM2542T-2/4	3,835	FP	24.69	331	92.4	200/400	67
	1800	326TS	FPM2543TS-2/4	3,882	FP	25.69	385	93	200/400	70
60	3600	326TS	FPM2546T-2/4	4,677	FP	25.69	385	93	200/400	78
	1800	364TS	FPM2547TS-2/4	4,976	FP	25.81	480	93.6	200/400	83
75	3600	364TS	FPM2549T-2/4	6,378	FP	25.81	485	93	200/400	96
	1800	365TS	FPM2551TS-2/4	5,598	FP	27.81	570	94.1	200/400	100
100	3600	365TS	FPM2550T-2/4	6,922	FP	26.81	523	93	200/400	130
	1800	404TS	FPM2555TS-2/4	8,407	FP	31.85	597	94.1	200/400	135

Cast Iron Frame

# Baldor•Reliance Fire Pump Motors

## THREE PHASE, ODP, FOOTLESS, CLOSE-COUPLED PUMP



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
<b>230/460 Volts</b>										
10	3600	213JP	VJPFPM3312T	1,397	FP	24.41	121	88.5	230/460	12
	1800	215JP	VJPFPM3313T	1,559	FP	24.41	117	89.5	230/460	13.4
15	3600	215JP	VJPFPM3314T	1,795	FP	24.41	131	89.5	230/460	17.7
	1800	254JP	VJPFPM2513T	2,230	FP	28.07	220	91	230/460	17.5
20	3600	254JP	VJPFPM2514T	2,389	FP	27.66	145	90.2	230/460	23
	1800	256JP	VJPFPM2515T	2,497	FP	28.07	231	91	230/460	24
25	3600	256JP	VJPFPM2516T	2,745	FP	28.07	221	91	230/460	29
	1800	284JP	VJPFPM2531T	3,062	FP	31.44	272	91.7	230/460	29
30	3600	284JP	VJPFPM2534T	3,250	FP	29.23	235	91	230/460	35
	1800	286JP	VJPFPM2535T	3,758	FP	29.25	375	92.4	230/460	36
40	3600	286JP	VJPFPM2538T	3,885	FP	31.44	263	91.7	230/460	45
	1800	324JP	VJPFPM2539T	4,519	FP	31.13	375	93	230/460	49
50	3600	324JP	VJPFPM2542T	4,841	FP	31.13	331	92.4	230/460	58
	1800	326JP	VJPFPM2543T	5,030	FP	32.13	378	93	230/460	60
60	3600	326JP	VJPFPM2546T	5,730	FP	32.13	385	93	230/460	68
	1800	364JP	VJPFPM2547T	6,232	FP	32.50	480	93.6	230/460	72
75	3600	364JP	VJPFPM2549T	7,728	FP	32.50	472	93	230/460	84
	1800	365JP	VJPFPM2551T	7,275	FP	34.50	565	94.1	230/460	87
100	3600	365JP	VJPFPM2550T	8,245	FP	33.50	523	93	230/460	113
<b>200/400 Volts</b>										
10	3600	213JP	VJPFPM3312T-2/4	1,397	FP	24.41	121	88.5	200/400	12
15	3600	215JP	VJPFPM3314T-2/4	1,795	FP	24.41	131	89.5	200/400	20.4
20	3600	254JP	VJPFPM2514T-2/4	2,389	FP	27.66	145	90.2	200/400	26.5
25	3600	256JP	VJPFPM2516T-2/4	2,745	FP	28.07	221	91	200/400	34
30	3600	284JP	VJPFPM2534T-2/4	3,250	FP	29.23	235	91	200/400	40
40	3600	286JP	VJPFPM2538T-2/4	3,885	FP	31.44	263	91.7	200/400	52
50	3600	324JP	VJPFPM2542T-2/4	4,841	FP	31.13	331	92.4	200/400	67
60	3600	326JP	VJPFPM2546T-2/4	5,730	FP	32.13	385	93	200/400	78
75	3600	364JP	VJPFPM2549T-2/4	7,728	FP	32.50	472	93	200/400	96
100	3600	365JP	VJPFPM2550T-2/4	8,245	FP	33.50	523	93	200/400	130

### STOCKED LOCALLY...



- 230/460V and 460V models are rated for 50 Hz at next lower Hp
- Baldor is UL listed to produce ODP Fire Pump motors, 1-400 Hp, 2 & 4 pole



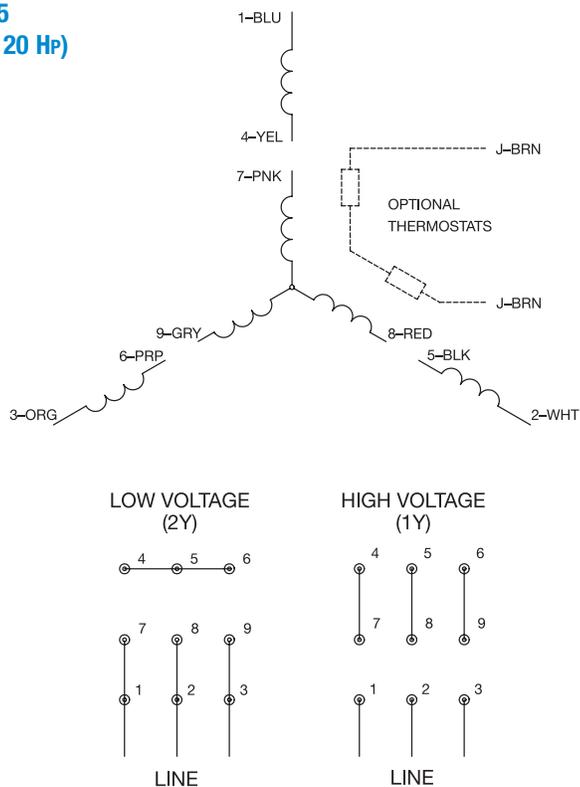
- Dual voltage motors 20 Hp and larger have 12 leads, suitable for wye-delta or across the line start on either voltage or part winding start on low voltage
- 460V motors have 12 leads and are suitable for wye-delta, across the line or part winding start

**...AND MANUFACTURED TO PERFORM!**

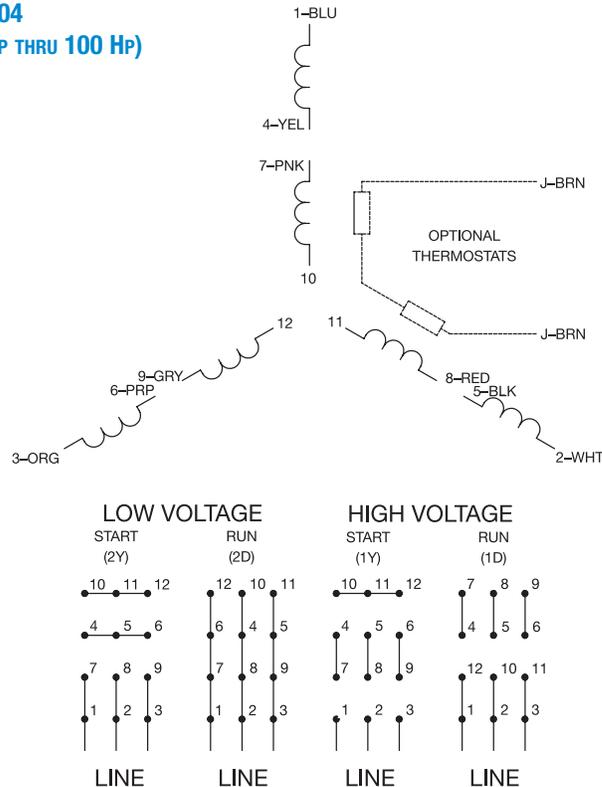
**For custom designs please contact your local Baldor•Reliance Sales Representative.**

# Baldor•Reliance Fire Pump Motors

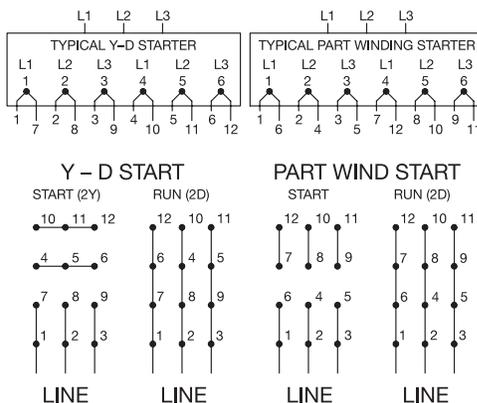
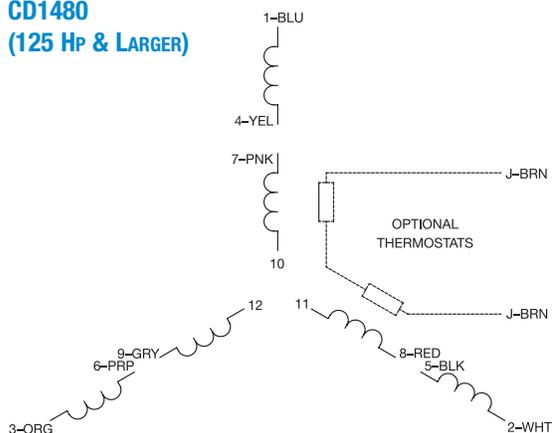
## CD0005 (BELOW 20 Hp)



## CD0104 (20 Hp THRU 100 Hp)



## CD1480 (125 Hp & LARGER)



### NOTES:

(all diagrams)

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.



# BALDOR

A MEMBER OF THE ABB GROUP

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