

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, 200/400V and 575V

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 epoxy 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
230/460 & 460 Volts										
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
200/400 Volts										
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
125	3600	404TS	FPM2554T-2/4	9,635	FP	31.85	590	93.6	200/400	158
150	3600	405TS	FPM2556T-2/4	11,830	FP	31.85	615	93.6	200/400	189
200	3600	444TS	FPM2562T-2/4	15,174	FP	35.88	1710	94.5	200/400	266

Cast Iron Frame

Baldor•Reliance Fire Pump Motors

THREE PHASE, ODP, FOOTLESS, CLOSE-COUPLED PUMP

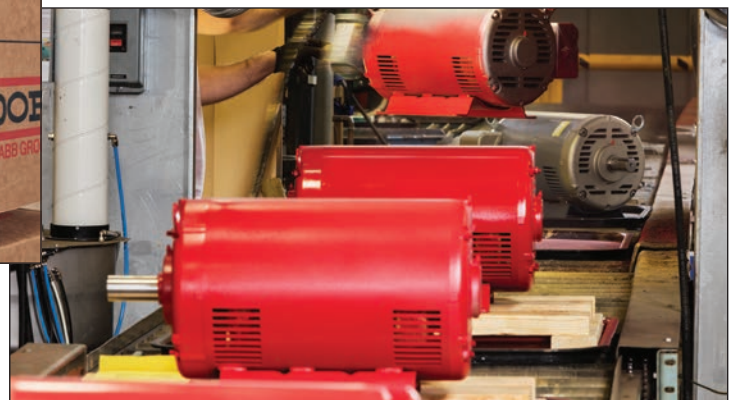


Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
230/460 Volts										
10	3600	213JP	VJPFPM3312T	1,397	FP	24.41	121	88.5	230/460	12
	1800	215JP	VJPFPM3313T	1,559	FP	24.41	117	89.5	230/460	13.4
15	3600	215JP	VJPFPM3314T	1,795	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
200/400 Volts										
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

THREE PHASE, ODP, FOOT MOUNTED, 575 VOLTS

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
575 Volts										
20	3600	254T	FPM2514T-5	2,051	FP	22.25	145	90.2	575	18.5
	1800	256T	FPM2515T-5	2,113	FP	21.69	231	91	575	19.6
25	3600	256T	FPM2516T-5	2,293	FP	21.69	221	91	575	23
	1800	284TS	FPM2531TS-5	2,548	FP	23.58	281	92.4	575	23
30	3600	284TS	FPM2534T-5	2,647	FP	22.06	235	91	575	28
	1800	286TS	FPM2535TS-5	3,162	FP	23.69	375	92.4	575	29
40	3600	286TS	FPM2538T-5	3,363	FP	23.56	263	91.7	575	36
	1800	324TS	FPM2539TS-5	3,515	FP	24.69	375	93	575	39
50	3600	324TS	FPM2542T-5	3,835	FP	24.69	331	92.4	575	46
	1800	326TS	FPM2543TS-5	3,882	FP	25.69	378	93	575	49
60	3600	326TS	FPM2546T-5	4,677	FP	25.69	408	93	575	54
	1800	364TS	FPM2547TS-5	4,976	FP	25.81	480	93.6	575	57
75	3600	364TS	FPM2549T-5	6,378	FP	25.81	480	93	575	67
	1800	365TS	FPM2551TS-5	5,598	FP	27.81	573	94.1	575	69
100	3600	365TS	FPM2550T-5	6,922	FP	26.81	525	93	575	90
	1800	404TS	FPM2555TS-5	8,407	FP	31.85	650	94.1	575	93

THREE PHASE, ODP, FOOTLESS, CLOSE-COUPLE PUMP, 575 VOLTS

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
575 Volts										
20	3600	254JP	VJPFPM2514T-5	2,389	FP	27.66	145	90.2	575	18.5
	1800	256JP	VJPFPM2515T-5	2,497	FP	28.07	231	91	575	19.6
25	3600	256JP	VJPFPM2516T-5	2,745	FP	28.07	221	91	575	23
	1800	284JP	VJPFPM2531T-5	3,062	FP	31.44	284	92.4	575	23
30	3600	284JP	VJPFPM2534T-5	3,250	FP	29.23	233	91	575	28
	1800	286JP	VJPFPM2535T-5	3,758	FP	29.25	375	92.4	575	29
40	3600	286JP	VJPFPM2538T-5	3,885	FP	31.44	263	91.7	575	36
	1800	324JP	VJPFPM2539T-5	4,519	FP	31.13	375	93	575	39
50	3600	324JP	VJPFPM2542T-5	4,841	FP	31.13	331	92.4	575	46
	1800	326JP	VJPFPM2543T-5	5,030	FP	32.13	375	93	575	49
60	3600	326JP	VJPFPM2546T-5	5,730	FP	32.13	408	93	575	54
	1800	364JP	VJPFPM2547T-5	6,232	FP	32.50	480	93.6	575	57
75	3600	364JP	VJPFPM2549T-5	7,728	FP	32.50	472	93	575	67
	1800	365JP	VJPFPM2551T-5	7,275	FP	34.50	565	94.1	575	69
100	3600	365JP	VJPFPM2550T-5	8,245	FP	33.50	523	93	575	90



BALDOR

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