



APPLICATIONS:

- Fans & Blowers
- Pumps
- Compressors
- HVAC Equipment
- Fire Pumps*



FEATURES:

- Output Range: 1 - 800 HP
- Speed: 3600, 1800 & 1200 RPM
- Enclosure: Open Drip Proof (IP22)
- Voltage: 230/460V (Usable on 208V); 150HP and Larger is 460V Only⁽¹⁾
- Three Phase, 60 Hz, 1.15 Service Factor (Continuous); 50 Hz, 1.0 Service Factor (Continuous)
- Class F Insulation
- Class B Temperature Rise
- NEMA Design B Torques
- Cast Iron Frame and End Brackets
- Rolled Steel Main Conduit Box
- Grounding Terminal Inside Main Conduit Box
- Oversized Main Conduit Box Rotatable in 90 Degree Increments - F1 Mounted
- Designed for 40°C Ambient Temperature⁽²⁾
- Designed for 3300 ft. Elevation⁽³⁾
- Bi-Directional Rotation
- 1045 Carbon Steel Shaft
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Light Gray - Munsell N5.0
- Double Shielded Bearings Pre-Packed with MULTEMP SRL for F# 140T - 280T (Non-regreasable)
- High Quality Ball (or Roller) Bearings regreasable with Mobil Polyrex™ EM for F# 280TS and Larger
- Labyrinth Type Metal Flinger on Both Ends for F# 280TS and Larger
- Cast Iron Inner and Outer Bearing Caps for F#280TS and Larger
- Stainless Steel Nameplate
- New Dual Column Design Nameplate as Standard (60/50 Hz)
- Suitable for Inverter Use per NEMA MG-1 Part 31.4.4.2^(4,5)
- Inverter Duty Speed Range: 20:1 Variable Torque, 10:1 Constant Torque
- 9 Leads for 5 HP and Smaller;
- 12 Leads for 7.5 HP to 125 HP;
- 6 Leads for 150 HP and Larger
- Motors are U.L. Recognized, CSA Approved and CE Marked

EXTRAS/ OPTIONS:

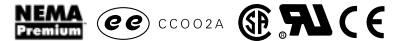
Please refer to pages 147 - 154 for common modifications that can be performed.

Notes:

* Fire Pump available. See product page for more details.

- (1) Available in 575V. TWMC carries minimal 575V stock; please check availability to ensure required motors are in stock.
Ratings may be available from our Canadian warehouses and/or our factory. Pricing and leadtime may vary.
- (2) Consult a Stock Product Application Specialist for suitability in higher ambient environments.
- (3) Consult a Stock Product Application Specialist for suitability in higher elevations.
- (4) Motor service factor is 1.0 when operated on a VFD.
- (5) Precautions should be taken to eliminate or reduce shaft currents that may be imposed on the motor by the VFD as stated per NEMA MG-1, Part 31.

CAST IRON ODP - FIRE PUMP



ASHH, NEMA PREMIUM [DHP_FP]*

Effective 07-08-18
Supersedes 03-24-17

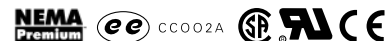


FIRE PUMP CATALOG NO.	HP	RPM	FRAME	FL EFF (%)	FL PF (%)	FL AMPS (460V)	APPROX. SHIPPING WT. (lbs.)
DHP0014FP	1	1800	143T	85.5	78.0	1.41	54
DHP0016FP	1	1200	145T	82.5	65.5	1.74	75
DHP1/52FP	1.5	3600	143T	85.5	80.0	2.06	50
DHP1/54FP	1.5	1800	145T	86.5	80.5	2.02	60
DHP1/56FP	1.5	1200	182T	87.5	63.0	2.55	123
DHP0022FP	2	3600	145T	85.5	84.5	2.59	57
DHP0024FP	2	1800	145T	86.5	79.5	2.72	58
DHP0026FP	2	1200	184T	87.5	71.0	3.01	130
DHP0032FP	3	3600	145T	87.5	87.0	3.69	66
DHP0034FP	3	1800	182T	89.5	81.0	3.88	117
DHP0036FP	3	1200	213T	88.5	77.0	4.12	183
DHP0052FP	5	3600	182T	87.5	91.0	5.90	120
DHP0054FP	5	1800	184T	89.5	84.5	6.19	145
DHP0056FP	5	1200	215T	89.5	79.0	6.62	195
DHP7/52FP	7.5	3600	184T	88.5	91.5	8.65	134
DHP7/54FP	7.5	1800	213T	91.0	86.0	8.97	187
DHP7/56FP	7.5	1200	254T	90.2	79.0	9.85	260
DHP0102FP	10	3600	213T	90.2	88.0	11.8	190
DHP0104FP	10	1800	215T	91.7	87.0	11.7	215
DHP0106FP	10	1200	256T	91.7	81.0	12.6	329
DHP0152FP	15	3600	215T	90.2	87.5	17.8	220
DHP0154FP	15	1800	254T	93.0	84.5	17.9	247
DHP0156FP	15	1200	284T	91.7	83.0	18.5	367
DHP0202FP	20	3600	254T	91.0	90.5	22.8	233
DHP0204FP	20	1800	256T	93.0	86.5	23.3	350
DHP0206FP	20	1200	286T	92.4	83.5	24.3	392
DHP0252FP	25	3600	256T	91.7	92.0	27.7	317
DHP0254FP	25	1800	284T	93.6	87.0	28.7	352
DHP0256FP	25	1200	324T	93.0	83.0	30.3	640
DHP0302FP	30	3600	284TS	92.4	90.5	33.6	405
DHP0304FP	30	1800	286T	94.1	87.0	34.3	429
DHP0306FP	30	1200	326T	93.6	83.5	35.9	568
DHP0402FP	40	3600	286TS	92.4	91.5	44.3	442
DHP0404FP	40	1800	324T	94.1	86.0	46.3	608
DHP0406FP	40	1200	364T	94.1	87.0	45.7	835
DHP0502FP	50	3600	324TS	93.0	86.0	58.5	552
DHP0504FP	50	1800	326T	94.5	85.0	58.3	629
DHP0506FP	50	1200	365T	94.1	86.0	57.8	766
DHP0602FP	60	3600	326TS	93.6	87.0	69.0	614
DHP0604FP	60	1800	364T	95.0	85.0	69.6	735
DHP0606FP	60	1200	404T	94.5	85.5	69.5	1,100
DHP0752FP	75	3600	364TS	94.1	90.5	82.5	704
DHP0754FP	75	1800	365T	95.0	86.0	86.0	850
DHP0754RFP	75	1800	365T	95.0	86.0	86.0	850
DHP0756FP	75	1200	405T	94.5	86.5	86.0	1,210
DHP0756RFP	75	1200	405T	94.5	86.5	86.0	1,210

Notes:

- * Fire Pump available as made to order. Fire Pump Certificate complies with ANSI/UL 1004-5. Certificate# 20120717 – EX6569.
- (1) Delivery for Fire Pump Duty motor (Catalog Number + FP) is standard 5 - 10 working days after receipt of order if standard motor is in stock.
- (2) Fire Pump Duty Motor pricing includes: adding UL nameplate, restamping original nameplate to new "DHP_FP" catalog number.
- (3) To order 575V, add "5" to the end of Catalog Number, for example: "DHP00545" for 5 HP, 1800 RPM, 575V.
- (4) "R" = Motor stocked standard with a Drive-End Roller Bearing.
- (5) Ratings 150 HP and larger are 460V only.
- (6) All data subject to change without notice.

CAST IRON ODP - FIRE PUMP



ASHH, NEMA PREMIUM [DHP_FP]*

Effective 07-08-18
Supercedes 03-24-17



FIRE PUMP CATALOG NO.	HP	RPM	FRAME	FL EFF (%)	FL PF (%)	FL AMPS (460V)	APPROX. SHIPPING WT. (lbs.)
DHP1002FP	100	3600	365TS	94.1	90.5	110	761
DHP1004FP	100	1800	404T	95.4	85.5	115	961
DHP1004RFP	100	1800	404T	95.4	85.5	115	961
DHP1006FP	100	1200	444T	95.0	82.0	120	1,350
DHP1006RFP	100	1200	444T	95.0	82.0	120	1,350
DHP1252FP	125	3600	404TS	94.1	90.5	137	907
DHP1254FP	125	1800	405T	95.4	84.5	145	1,109
DHP1254RFP	125	1800	405T	95.4	84.5	145	1,109
DHP1256FP	125	1200	445T	95.0	82.0	150	1,605
DHP1256RFP	125	1200	445T	95.0	82.0	150	1,605
DHP1502FP	150	3600	405TS	94.5	90.5	164	1,003
DHP1504FP	150	1800	444T	95.8	86.0	170	1,540
DHP1504RFP	150	1800	444T	95.8	86.0	170	1,540
DHP1506FP	150	1200	445T	95.4	82.5	178	1,705
DHP1506RFP	150	1200	445T	95.4	82.5	178	1,705
DHP2002FP	200	3600	444TS	95.0	88.5	223	1,324
DHP2004FP	200	1800	445T	95.8	86.5	226	1,577
DHP2006FP	200	1200	447T	95.4	83.0	236	2,010
DHP2006RFP	200	1200	447T	95.4	83.0	236	2,010
DHP2502FP	250	3600	445TS	95.0	88.5	278	1,470
DHP2504FP	250	1800	447T	95.8	87.0	281	1,806
DHP2504RFP	250	1800	447T	95.8	87.0	281	1,806
DHP2506FP	250	1200	449T	95.4	83.0	296	2,420
DHP2506RFP	250	1200	449T	95.4	83.0	296	2,420
DHP3002FP	300	3600	445TS	95.4	89.0	331	1,320
DHP3004FP	300	1800	449T	95.8	87.5	335	2,140
DHP3006FP	300	1200	449T	95.4	87.0	338	2,615
DHP3502FP	350	3600	447TS	95.4	90.0	382	1,590
DHP3504FP	350	1800	449T	95.8	87.5	391	2,310
DHP4002FP	400	3600	449TS	95.8	90.0	434	2,055
DHP4004FP	400	1800	449T	95.8	87.7	446	2,445
DHP4502FP	450	3600	449TS	95.8	90.5	486	2,125
DHP5002FP	500	3600	449TS	95.8	91.2	536	2,225

Notes:

- * Fire Pump available as made to order. Fire Pump Certificate complies with ANSI/UL 1004-5. Certificate# 20120717 – EX6569.
- (1) Delivery for Fire Pump Duty motor (Catalog Number + FP) is standard 5 - 10 working days after receipt of order if standard motor is in stock.
- (2) Fire Pump Duty Motor pricing includes: adding UL nameplate, restamping original nameplate to new "DHP_FP" catalog number.
- (3) To order 575V, add "5" to the end of Catalog Number, for example: "DHP00545" for 5 HP, 1800 RPM, 575V.
- (4) "R" = Motor stocked standard with a Drive-End Roller Bearing.
- (5) Ratings 150 HP and larger are 460V only.
- (6) All data subject to change without notice.