

Parker TB Series Hydraulic Motors

Low speed, high torque hydraulic motors from Parker. Ideal for a wide range of medium to light-duty applications. Common replacements for CharLynn and TRW/Ross motors. (Note: Other TB series motors are available, call for pricing/availability.)



Features Include: High pressure shaft seal so external drains are not required • Rollervane technology for automatic wear compensation • Full flow internal cooling and flushing • 4-Bolt mounting flange • 1" shaft with keyway • 1/2" NFPT or 7/8" SAE O-ring ports as shown • Standard motors with AAAC have two coats of paint, AAAA motors have one coat.



Part No.	Cu In	Ports	Max Hp	Wt.
PA TB0050FP100AAAC	3.0	1/2" FPT	10.1	12.5 lbs.
PA TB0065FP100AAAC	4.0	1/2" FPT	10.4	12.8 lbs.
PA TB0100FP100AAAC	6.0	1/2" FPT	13.8	13.4 lbs.
PA TB0165FP100AAAC	10.0	1/2" FPT	16.7	14.6 lbs.
PA TB0195FP100AAAC	11.9	1/2" FPT	16.1	15.5 lbs.
PA TB0365FP100AAAA	22.6	1/2" FPT	11.6	18.2 lbs.

Part No.	Cu In	Ports	Max Hp	Wt.
PA TB0050FP100AAAA	3.0	7/8" SAE	10.1	12.5 lbs.
PA TB0065FP100AAAA	4.0	7/8" SAE	10.4	12.8 lbs.
PA TB0100FP100AAAC	6.0	7/8" SAE	13.8	13.4 lbs.
PA TB0165FP100AAAA	10.0	7/8" SAE	16.7	14.6 lbs.
PA TB0195FP100AAAC	11.9	7/8" SAE	16.1	15.5 lbs.

(Common Cross Reference)

Parker	CharLynn	TRW/Ross
TB0050FP100AAAC	101-1001-009	MG031310AAAC
TB0065FP100AAAC	101-1002-009	MG041310AAAC
TB0100FP100AAAC	101-1003-009	MG061310AAAC
TB0165FP100AAAC	101-1004-009	MG010130AAAC
TB0195FP100AAAC	101-1005-009	MG121310AAAC
TB0365FP100AAAA	101-1008-009	-

Formula for sizing hydraulic GPM requirements for proper operation of specific equipment.

$$GPM = \frac{\text{Cubin In of Displacement} \times \text{Equipment RPM}}{231 \text{ Cubic Inches}}$$

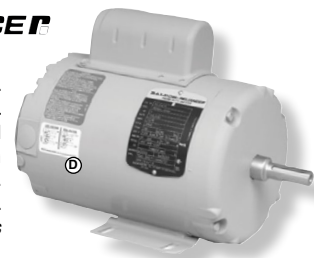
Example: 4.0 Cu In motor x 120RPM brush = 480 divided by 231 constant = 2.078 GPM
 Multiply GPM x 10% service factor, 2.078 x 10% = 2.29 GPM required for this application

Aeration Fan Motors

1/2 to 3 HP

BALDOR • RELIANCE®

Aeration Fan Motors for grain storage, exhaust fans and air handling systems. Totally enclosed, air over cooling (TEAO). Thermal overload on single phase and normally closed winding thermostats on three phase to protect against overheating. Lube for life, double shielded ball bearings. Foot mounted bases. (3600 RPM units shown, but 1800 RPM available).



Part No.	H.P.	Phase	Volts	Amps @230V	Shaft Size	Frame	Wt. Lbs.
CE AFL3520A	3/4	1	115/230	5.5	5/8"	56Z	29
CE AFL3521A	1	1	115/230	6.0	5/8"	56	39
CE AFL3525A	1-1/2	1	115/230	8.3	5/8"	56	42
CE AFL3523A	2	1	115/230	11.5	7/8"	143TZ	51
CE AFL3524A	3	1	230	15.0	7/8"	145TZ	52
CE AFM3528	3/4	3	230/460	2.6	5/8"	56Z	24
CE AFM3529	1	3	230/460	3.6	5/8"	56Z	24
CE AFM3530	1-1/2	3	230/460	4.6	7/8"	143TZ	30
CE AFM3532	3	3	230/460	7.6	7/8"	145T	45

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Washdown Motors

for Washdown Service



Baldor-Reliance Washdown Motors

are designed to meet the demands of applications that require protection from water, moisture and contaminants. Ideal for use with high pressure washdown, food processing, outdoor applications, sanitary washdown and more.

Available with epoxy, powder-coated finish or in stainless steel construction (stainless are food grade rated). TEFC or TENV C-face, 56 frames are shown, but other frames and horsepower available.

Doubled sealed motor bearings, neoprene gaskets for waterproof seal.

White Epoxy Coated

Part No.	HP	Phase	RPM	Voltage	Wt.
CE CWDL3504	1/2 TEFC	1	1800	115/230	35 lbs.
CE CWDL3507	3/4 TEFC	1	1800	115/230	36 lbs.
CE CWDL3510	1 TEFC	1	1800	115/230	41 lbs.
CE CWDL3514	1-1/2 TEFC	1	1800	115/230	50 lbs.
CE CWDM3538	1/2 TENV	3	1800	230/460	28 lbs.
CE CWDM3542	3/4 TENV	3	1800	230/460	29 lbs.
CE CEWDM3546	1 TENV	1	1800	230/460	41 lbs.
CE CEWDM3554	1-1/2 TENV	3	1800	230/460	50 lbs.
CE CEWDM3558	2 TEFC	3	1800	230/460	50 lbs.

Stainless Steel

Part No.	HP	Phase	RPM	Voltage	Wt.
CE CFSWDL3504	1/2 TEFC	1	1800	115/230	41 lbs.
CE CFSWDL3507	3/4 TEFC	1	1800	115/230	47 lbs.
CE CFSWDL3510	1 TEFC	1	1800	115/230	72 lbs.
CE CFSWDM3538E	1/2 TENV	3	1800	230/460	37 lbs.
CE CFSWDM3542E	3/4 TENV	3	1800	230/460	37 lbs.
CE CFSWDM3546E	1 TENV	3	1800	230/460	37 lbs.
CE CFSWDM3554E	1-1/2 TENV	3	1800	230/460	45 lbs.
CE CFSWDM3558E	2 TENV	3	1800	230/460	45 lbs.

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Motors 2 HP or Larger Cannot Ship by UPS due to Concerns with Damage in Shipment