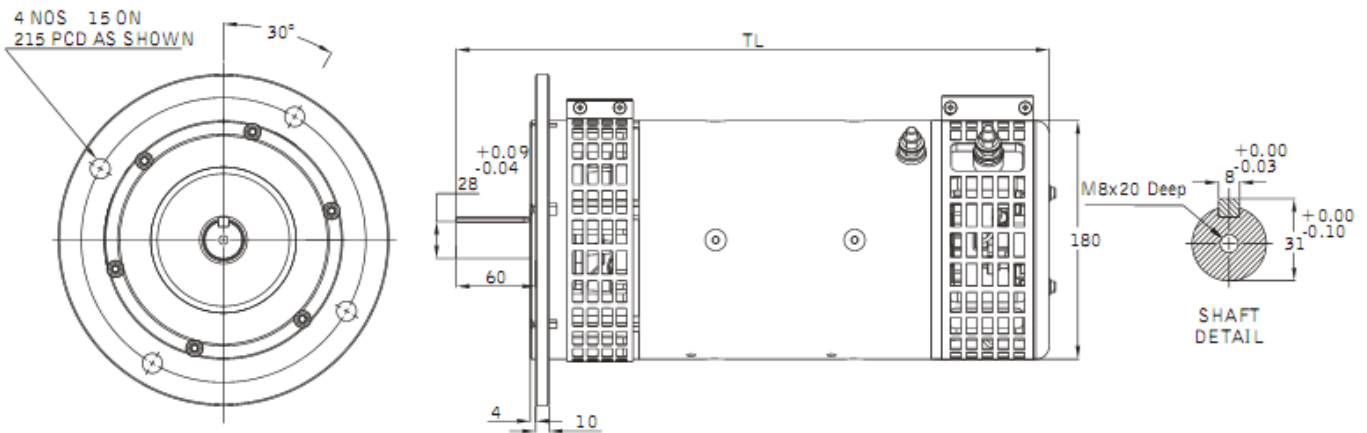


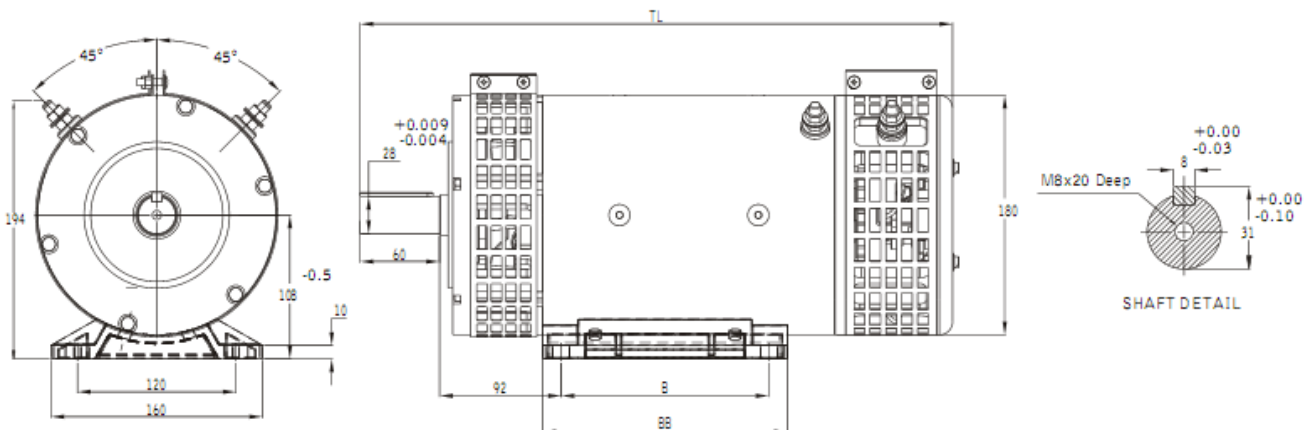
DCHW-Series Traction DC Motors – Upto 11kW



Flange Mounted



Foot Mounted



SAMT

Specialised Air Motors and Transmission

SPECIFICATIONS OF SPDP MOTORS

Frame Size	H.P	Current at different armature voltage (Amps)			Speed (RPM)	Duty Cycle	Direction	Dimensions			Type	Protection	Weight (Kgs)
		36 V	48 V	72 V				B	B-B	TL			
		1500 RPM MOTORS											
HW1	3	80	60	40	1500	S2-1 Hr.	Bi	112	140	403	SPDP	IP-20	31
HW2	5	130	95	65	1500	S2-1 Hr.	Bi	157	185	455	SPDP	IP-20	38
HW3	10	-	195	130	1500	S2-1 Hr.	Bi	202	230	500	SPDP	IP-20	45
HW4	15	-	-	195	1500	S2-1 Hr.	Bi	202	230	545	SPDP	IP-20	52
3000 RPM MOTORS													
HW1	3	80	60	40	3000	S2-1 Hr.	Bi	112	140	410	SPDP	IP-20	31
HW2	5	130	95	65	3000	S2-1 Hr.	Bi	112	140	410	SPDP	IP-20	31
HW3	10	-	195	130	3000	S2-1 Hr.	Bi	157	185	455	SPDP	IP-20	38
HW4	15	-	-	195	3000	S2-1 Hr.	Bi	202	230	500	SPDP	IP-20	45

Dimension B and B-B are for foot mounted motors only

SPECIFICATIONS OF OPEN CASE-TENV MOTOR

Frame Size	H.P	Current at different armature voltages (Amps)			Duty Cycle	Speed (RPM)	Protection	Insulation Class	Direction	L (mm)	Type	Weight (Kgs)
		36 V	48 V	72 V								
		1500 RPM MOTORS										
HW1	0.75	20	15	10	S2-1 Hr.	1500	IP-44	F	BI	223	TENV	30
HW2	1.25	34	25	17	S2-1 Hr.	1500	IP-44	F	BI	268	TENV	37
HW3	2.5	65	50	34	S2-1 Hr.	1500	IP-44	F	BI	313	TENV	44
HW4	3.75	97	73	48	S2-1 Hr.	1500	IP-44	F	BI	360	TENV	51
3000 RPM MOTORS												
HW1	1.25	33	25	16	S2-1 Hr.	3000	IP-44	F	BI	223	TENV	30
HW2	2.5	65	49	33	S2-1 Hr.	3000	IP-44	F	BI	268	TENV	37
HW3	3.75	98	73	49	S2-1 Hr.	3000	IP-44	F	BI	313	TENV	44
HW4	5	-	97	65	S2-1 Hr.	3000	IP-44	F	BI	360	TENV	51

FOR SEPEX MOTORS the Field voltage is same as Armature voltage & Field Current is @10 % of Armature current.



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Dimensions: DCHW – Series Traction DC Motors