



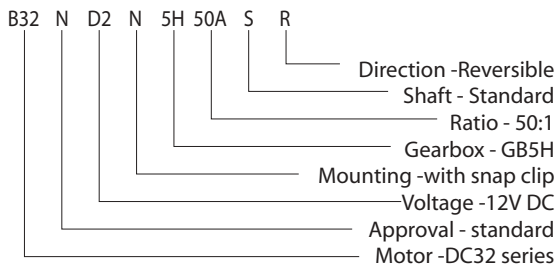
DC32 Combinations

DC Geared Motors

Design

Motor DC32 is a carbon brush DC motor which is used in combination with many Mech Tex gearheads. The standard gearheads used in conjunction with this motor are GB2, GB5P, GB5H, GB380CP, GB3, GB4, GB7, GB8 & GBW. Depending on the application, output speed, load applied, etc. the type of gearhead can be selected. Various types of gears i.e. poly acetal, sintered iron, brass or steel gears can be used based on the requirement. Poly acetal or sintered gears damp the noise. Case hardened steel gears are always on the output for load considerations. Complete poly acetal gears are used when the output torque required is low. Linear drive is possible with gearhead GB4, GB7, GBW with M6 x 1 mm pitch screw. The linear guide & screw arrangement can be done only on special request.

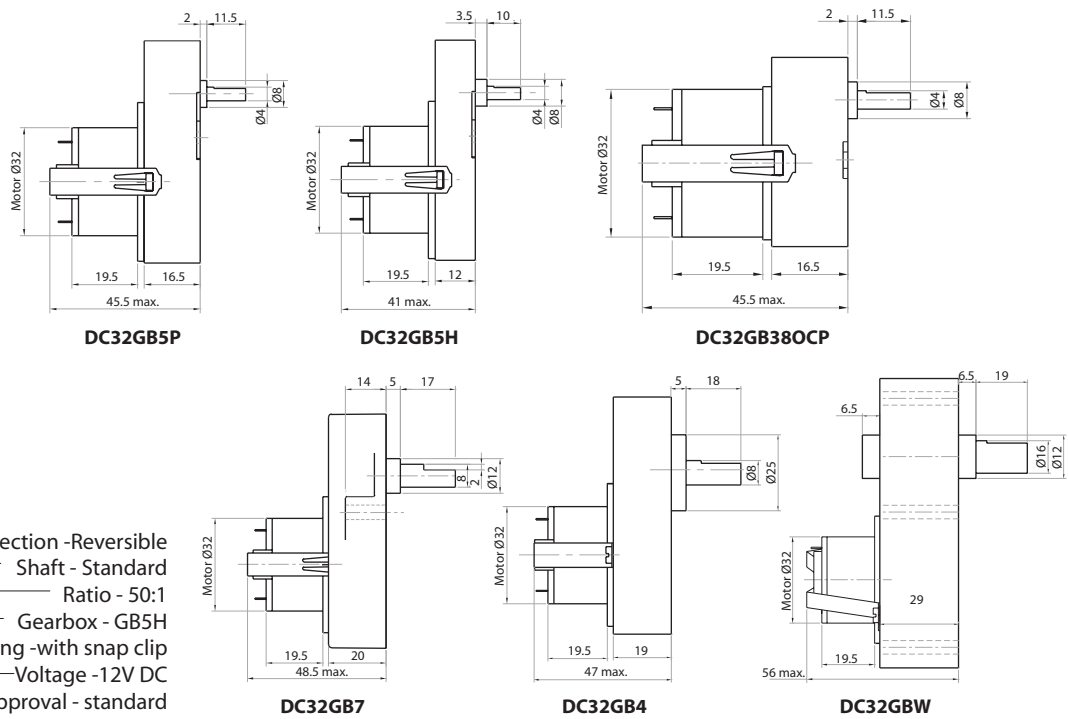
Ordering Data (eg:)



Motor Data

MECH-TEX MODEL No.	Physical Data Dim.mm	NO LOAD DATA				Data At Max-Efficiency					Stall	
		Voltage V DC	Speed RPM	Current A	Speed RPM	Current Amps	Torque Grcm	Effic. (%)	Power W(out)	Power W(in)	Torque gm-cm	Current mA
DC32a	32 X 19.5	24	6000	0.025	4740	0.075	19.840	54	0.966	1.791	99.660	305.000
DC32a	32 X 19.5	12	3000	0.015	2319	0.045	11.180	50	0.266	0.529	53.760	164.000
DC32a	32 X 19.5	6	1500	0.012	1055	0.032	6.995	42	0.076	0.179	26.645	86.000
DC32b	32 X 19.5	12	5400	0.035	4653	0.111	18.470	67	0.883	1.318	120.349	604.000
DC32b	32 X 19.5	6	2700	0.030	2273	0.074	10.960	62	0.256	0.412	63.976	337.000
DC32b	32 X 19.5	3	1350	0.030	1086	0.047	6.284	60	0.070	0.116	32.873	175.000
DC32c	32 X 19.5	6	5500	0.060	4593	0.237	18.560	63	0.875	1.396	125.178	1315.000
DC32c	32 X 19.5	3	2650	0.040	2186	0.168	12.650	60	0.284	0.476	68.086	726.000
DC32c	32 X 19.5	1.5	1350	0.030	1009	0.113	8.443	55	0.087	0.158	34.239	371.000

Assembly Drawings



Photographs

