





**TABLE: 2**

SIZE	No. of pins	Torque in NM	Max. RPM	HP/100 RPM	Max Bore	Min Bore	D1	S	L	G	D2
BT1	3	76	6100	1.09	30	10	95	79	38	3	44
BT2	4	311	5100	4.36	35	10	114	99	48	3	51
BT2.1	6	515	4400	7.24	45	12	130	105	51	3	67
BT3	4	622	3600	8.7	50	12	160	107	51	5	75
BT4	4	832	3000	11.6	70	16	191	125	60	5	105
BT4.1	6	1240	3000	17.4	70	16	191	125	60	5	105
BT5	6	1660	2600	23.3	80	20	225	157	76	5	115
BT6	8	2360	2300	33.1	100	40	254	183	89	5	140
BT6.1	10	2930	2300	41.1	100	40	254	183	89	5	140
BT6.2	12	3530	2300	49.6	100	40	254	183	89	5	140
BT7	12	4155	1950	58	120	50	290	235	115	5	175
BT7.1	14	5200	1900	72.9	125	55	300	235	115	5	185
BT8	16	5810	1850	81.6	135	60	310	255	125	5	200
BT8.1	18	7265	1650	102	140	60	340	265	130	5	205
BT8.2	12	8730	1590	122	144	65	360	276	135	6	212
BT9	13	9930	1470	139	150	70	390	316	155	6	225
BT9.1	15	13270	1400	186	160	80	410	336	165	6	240
BT10	16	14416	1300	202	175	90	440	366	180	6	255
BT10.1	17	18040	1200	253	184	100	480	386	190	6	270
BT11	20	23784	1080	333	194	110	530	406	200	6	285

**Example:**

Driving unit : A.C Motor of 20 H.P shaft dia-30 mm Speed:1440 rpm  
 Driven machine:Blower with shaft dia-45 mm  
 From table 1:Service factor is 1.0 Design power = 20x1.0=20H.P  
 From Table 3:coupling size is BT2  
 From Table 2:As per shaft sizes BT3 has to be selected.