

GearedMotorIndia.com

Adaptable Single Reduction

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As improvements in design are continually being made, this specification is not regards as binding in detail, and dimensions are subject to alteration without notice

Adaptable Single Reduction

Dimensions (mm)

Ref. : IMG 04/ASR

Size	A	B	C	D	E1	E2	E3	E4	F	G	K	M	M1	N	N1	P	S	T	X	Y1	Y2	Z1	Z2
112	28.6	44.5	90	79	29	35	25.4	32	11.113 11.102	15.875 15.865	6.4	41.3	105	41	30	62	51	81	35	3.226 3.175	4.826 4.775	12.50 12.29	17.98 17.78
162	41.3	50.8	110	98	41	48	38	44	15.875 15.865	19.050 19.037	6.4	47.6	130	49	37	71	57	89	40	4.826 4.775	4.826 4.775	17.98 17.78	21.16 20.96
200	50.8	58.7	133	117	48	57	44	54	15.875 15.865	25.400 25.387	7.9	60.3	159	59	43	86	71	111	51	4.826 4.775	6.401 6.350	17.98 17.78	28.19 27.99
237	60.3	68.3	159	140	57	70	54	67	19.050 19.037	28.575 28.562	9.5	71.4	187	68	51	98	84	130	60	4.826 4.775	7.976 7.925	21.16 20.96	32.05 31.85
287	73.0	77.8	191	168	70	83	67	79	22.225 22.212	31.750 31.750	11.1	88.9	225	81	64	119	103	154	76	6.401 6.350	7.976 7.925	25.02 24.82	35.23 35.03
337	85.7	90.6	219	200	83	98	79	95	25.400 25.387	38.100 38.085	12.7	100.0	260	98	76	133	116	175	86	6.401 6.350	9.576 9.525	28.19 27.99	42.27 42.06

Shaft tolerances are to B.S. 1916 : 1962, h6, keyways are to B.S. 46 : 1958

Ref. : IMG 04/ASR

No. 1 FOOT													
Size	B1	B2	H	J	K1	K2	L	N1	Q	R	V	W	X
112	52.4	58.7	52.4	41.3	7.1	8.7	13	30	62	51	35	19	34.9
162	60.3	66.7	58.7	49.2	7.1	10.3	14	37	70	60	38	22	39.7
200	69.9	82.6	76.2	57.2	8.7	10.3	14	43	91	73	49	29	50.8
237	84.1	100.0	87.3	68.3	10.3	11.9	17	51	103	84	54	32	60.3
287	95.3	120.7	106.4	82.6	11.9	13.5	21	64	124	100	60	35	76.2
337	109.5	134.9	119.1	96.8	13.5	15.1	22	76	138	116	67	38	85.7

No. 2 FOOT													
B3	H	J1	J2	K1	K2	L	M	M1	Q1	R1	V1	W1	X
54	52.4	57.2	79.4	7.1	8.7	13	41.3	104.8	64	159	37	41	34.9
63.5	58.7	65.1	100	7.1	10.3	14	47.6	130.2	71	191	40	46	39.7
69.9	76.2	82.6	120.7	8.7	10.3	14	60.3	158.8	89	229	51	52	50.8
82.6	87.3	95.3	139.7	10.3	11.9	17	71.4	187.3	103	267	57	59	60.3
98.4	106.4	114.3	161.9	11.9	13.5	21	88.9	225.4	124	311	65	65	76.2
114.3	119.1	128.6	188.9	13.5	15.1	22	100	260.4	138	356	73	73	85.7

No. 3 FOOT								
Size	B4	J3	L	M1	Q2	R2	V	W2
112	93.7	55.6	10	105	124	65	35	29
162	101.6	65.1	11	130	152	76	38	32
200	127.0	74.6	14	159	191	89	49	38
237	146.1	84.1	17	187	219	100	54	41
287	173.0	101.6	19	225	260	119	60	48
337	193.7	115.9	21	260	298	133	67	49

Mounting arrangements

