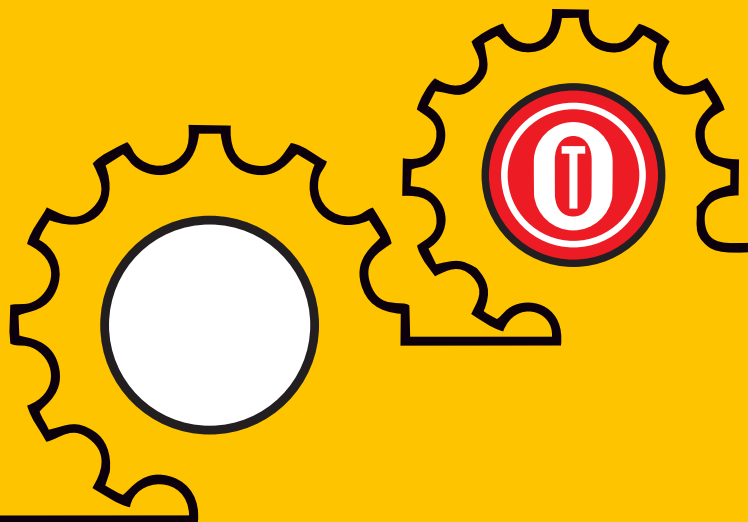
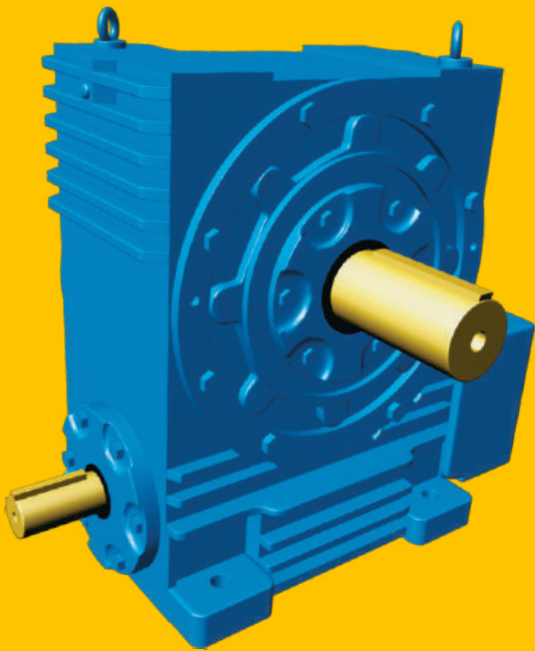
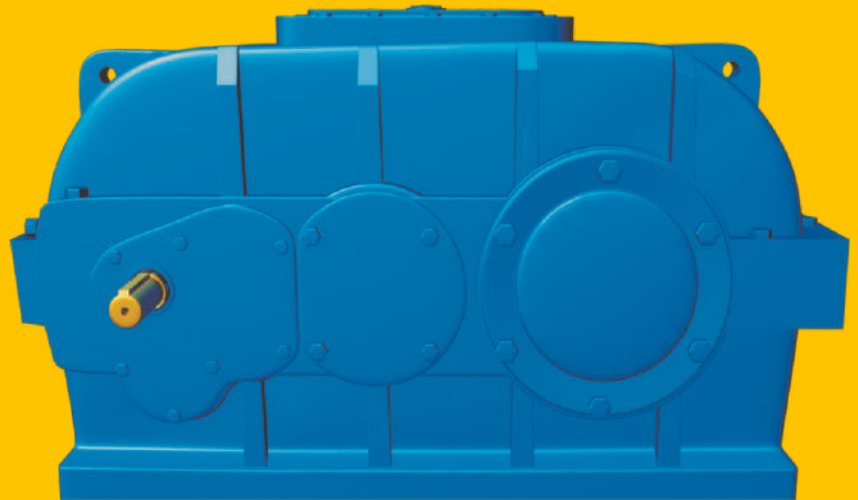
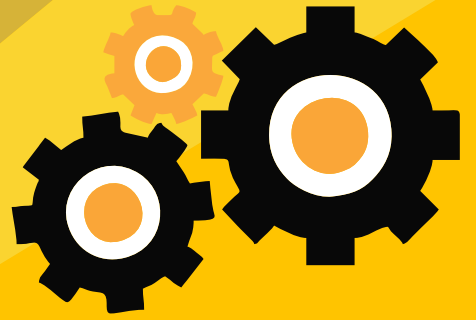
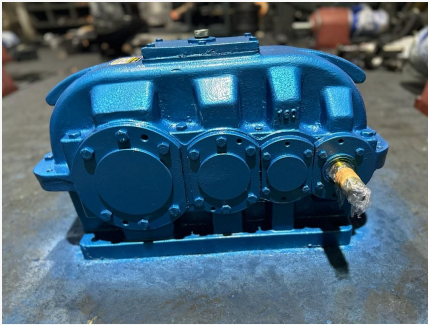


Once Tried...Always Trusted
Your Search...Our Research



POWERTEK EQUIPMENT CO

CELL.9004005888/9320193114

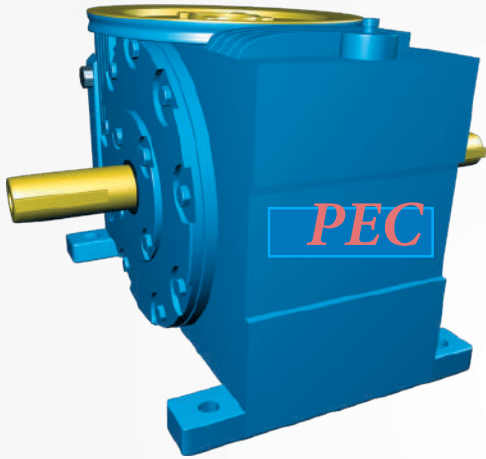


Established in the year 1992 , we,**POWERTEK EQUIPMENT** have attained tremendous expertise in manufacturing and supplying a superior quality range of All types of Gear Box like, Worm Reduction Gearbox, NU type, FFMU type, FFV type, UFR type, NU Vertical type, Crain Duty Helical Gear box, Pinion-Bevel type, Flange Mounted, Special purpose type Gear box, etc and also Power Transmission Parts. Owing to its superior features, it finds extensive applications in core industries such as Mining, Rolling Mills, Chemical, Textile, Pharma, Cement, Ceramic and others.

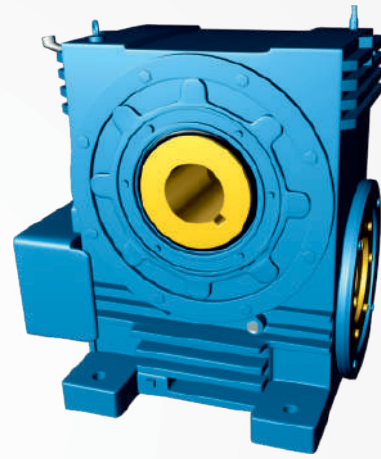
We initiated our journey with immense passion and zeal of conquering the core industry, which has been possible as a result of the strenuous efforts put forth by our skilled employees. Their hard work and the resulting innovations implemented in our production technologies have enabled us to gain wide recognition among our customers. As a result, we have been able to earn the reputation of delivering the finest quality of products to our clients. Further, our prompt delivery of consignment to the clients allows us to ensure their optimum satisfaction thus, making us their preferred choice among other competitors. Besides, our experts are efficient in delivering quality customizations on these products as per the requirements of customers. Apart from above mentioned products, we also dispatch certain mechanical power transmission products and other special purpose machinery on fast delivery basis. All the products offered by us are manufactured using superior quality raw material procured from authentic source. We ensure that these are produced in tandem with the industrial norms & standards. For this purpose, our quality inspectors keep a strict vigil on the various processes throughout the production stages. Furthermore, we ensure that the products are packed using appropriate packaging material for the sake of safe transportation of consignments to the clients.

Best for You...

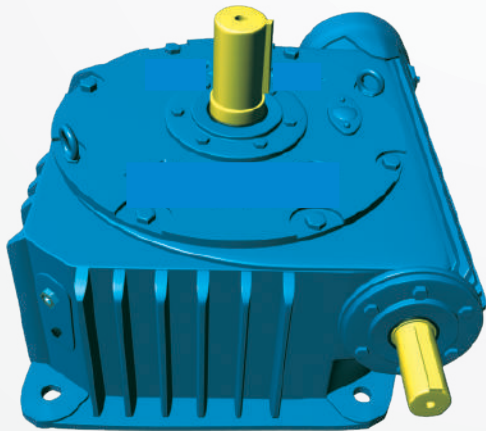




UP MOTOR MOUNTING



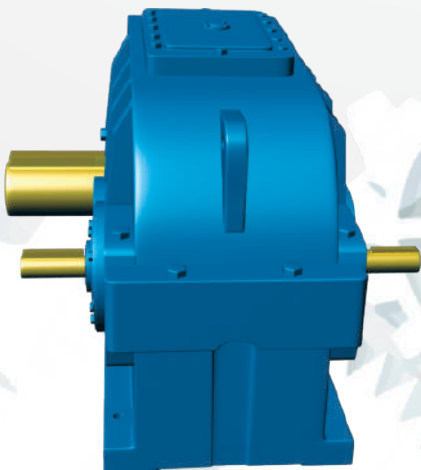
NU-I/O HOLLOW



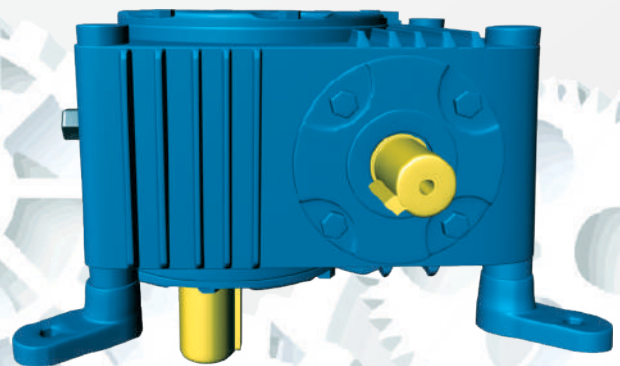
FFU



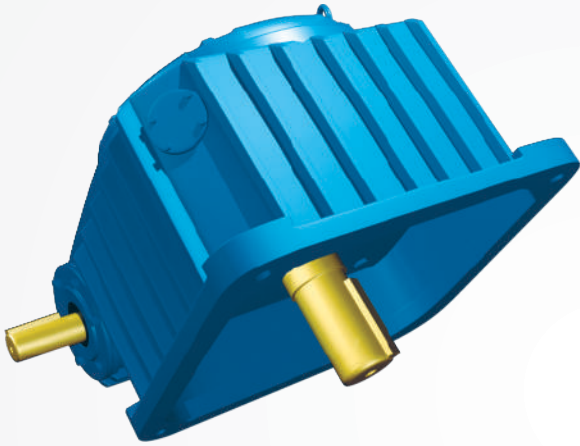
SHAFT MOUNTED WORM REDUCTION



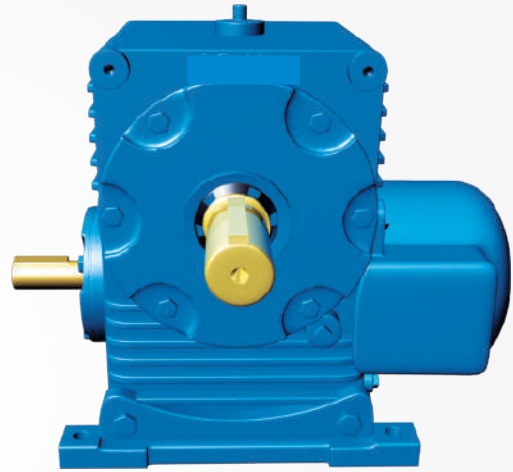
CRANE - DUTY HELICAL



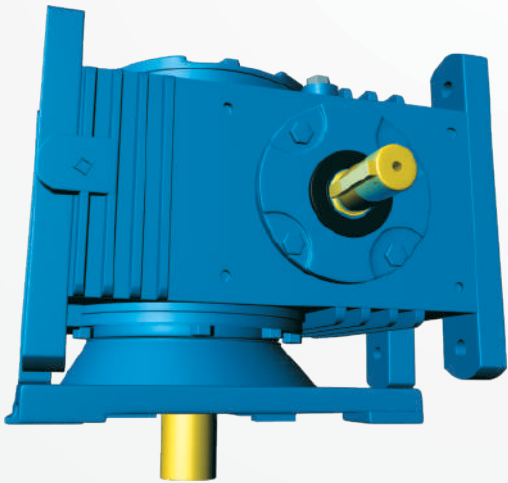
UFRV



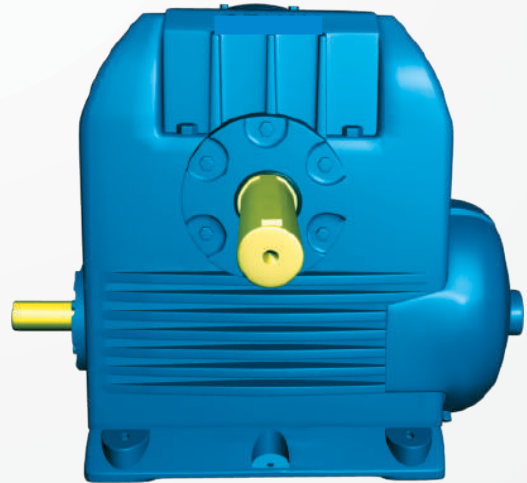
FFV



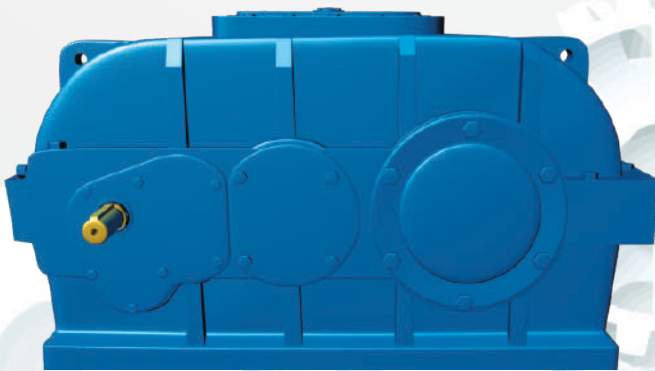
UFR



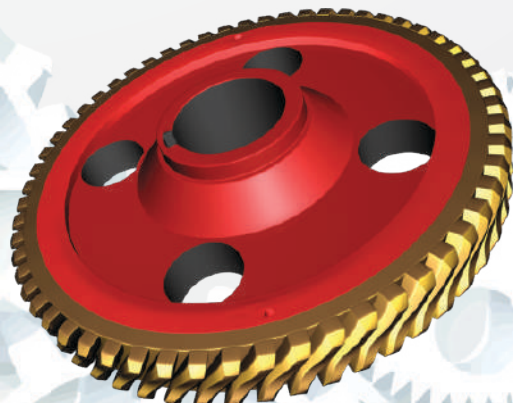
NU-V



FFMU



HELICAL FOR BALL MILL

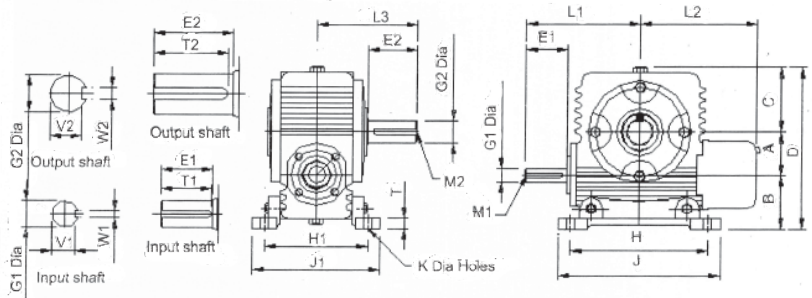
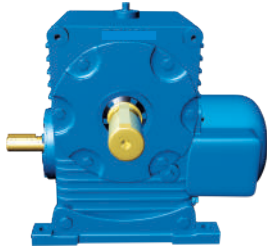


WORM WHEEL

Dimensions



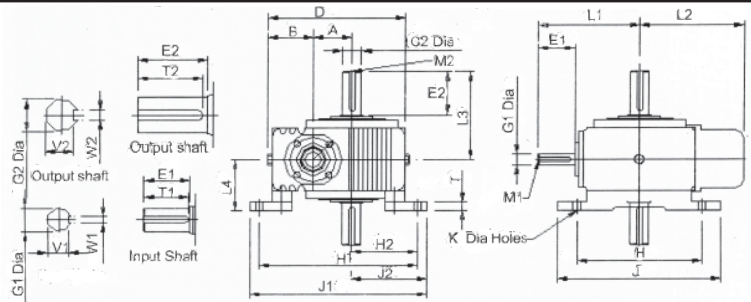
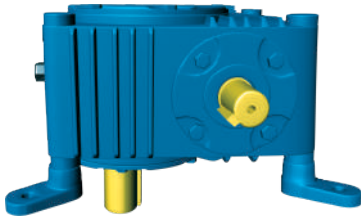
UFR



DIMENSIONS IN MM

size	A	B	C	D	G1	E1	G2	E2	H	H1	J	J1	T	K	L1	L2	L3	M1	M2	V1	W1	T1	V2	W2	T2
1 ^{1/8}	28.5	52	70.5	151	12	41	16	35	135	100	160	125	13	9	119	119	90	-	-	9.5	4	35	13.5	5	30
1 ^{1/2}	38.5	63	66	169	14	41	20	40	138	110	166	131	13	9	111	111	100	-	m8	11.0	5	35	16.5	6	35
1 ^{3/4}	44.4	66	67.6	178	16	35	22	46	148	108	176	134	13	10	111	111	104	-	m8	13	5	30	18.5	6	40
2	50.8	67	82.2	200	16	48	25	57	154	122	186	150	13	10	133	133	117	-	m8	13	5	40	21	8	50
2 ^{1/2}	63.5	85	95.5	243	20	50	28	55	190	153	225	184	17	12.5	150	150	133	-	m8	16.5	6	45	24	8	50
3	76.2	98	102	271	25	50	32	65	210	172	240	204	20	12.5	162	180	156	m8	m10	21	8	45	27	10	60

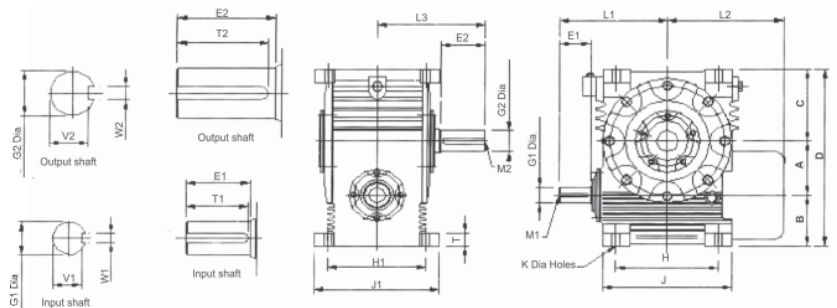
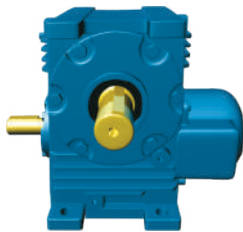
UFRV



DIMENSIONS IN MM

size	A	B	D	E1	E2	G1	G2	H	H1	H2	J	J1	J2	K	L1	L2	L3	L4	M1	M2	T	T1	T2	V1	V2	W1	W2
1 ^{1/8}	28.5	55	150	41	35	12	16	148	175	79	178	203	93	7	119	119	90	65	-	-	11	35	30	9.5	13	4	5
1 ^{1/2}	38.1	61	169	41	40	14	20	150	178	73	175	206	87	9	111	111	100	68	-	M-8	14	36	36	11	16.5	5	6
1 ^{3/4}	44.4	65	175	35	46	16	22	144	194	79	175	230	97	9	111	111	104	66	-	M-8	12	30	40	13	18.5	5	6
2	50.8	65	195	48	57	16	25	164	210	88	191	235	102	9	133	133	117	71	-	M-8	12	40	50	13	21	5	8
2 ^{1/2}	63.5	82	238	50	55	20	28	190	250	99	220	282	115	12	150	150	133	85	-	M-8	14	45	50	16.5	24	6	8
3	76.2	90	275	50	65	25	32	224	284	114	259	319	133	12	162	180	156	99	M-8	M10	18	45	60	21	27	8	10

NU



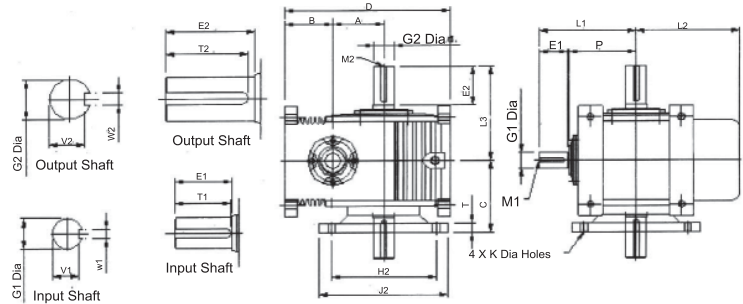
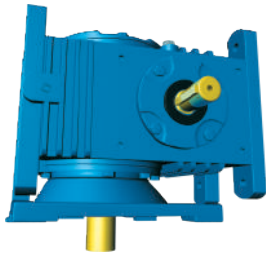
DIMENSIONS IN MM

size	A	B	C	D	G1	E1	G2	E2	H	H1	J	J1	T	K	L1	L2	L3	M1	M2	V1	W1	T1	V2	W2	T2
1 ^{3/4}	44.45	57	70.05	171.50	16	35	22	46	114	92	142	120	14	11	111	111	103.50	-	M-8	13	5	30	18.50	6	40
2	50.80	70	83	203.80	16	45	25	57	100	95	140	130	15	11	133	133	117	-	M-8	13	5	40	21	8	50
2 ^{1/4}	57.15	70	85	212	22	50	25	60	104	104	148	133	15	12	142	142	136	-	M-10	18.50	6	45	21	8	55
2 ^{1/2}	63.50	80	105.50	245	20	50	28	55	115	120	165	160	19	14	150	150	133	-	M-8	16.5	6	45	24	8	50
3.0	76.2	102	104.80	283	25	50	38	65	140	160	180	195	21	14	162	180	156	M-08	M-10	21	8	45	33	10	60
3.5	88.9	96	125.1	310	25	50	38	80	160	130	210	178	20	14	175	190	172	M-10	M-12	21	8	45	33	10	75
4.0	101.6	110	141.4	353	32	60	45	90	180	160	250	205	25	18	212	230	203	M-12	M-12	27	10	50	39.5	14	80
5.0	127	118	165	410	38	70	50	100	230	220	290	280	30	18	242	267	243	M-12	M-16	33	10	65	45.5	14	90
6.0	152.4	128	199.6	480	38	72	58	114	266	245	344	305	30	22	279	300	265	M-12	M-16	33	10	70	44.5	16	110
7	177.80	146	200	523.80	45	86	65	127	306	266	400	345	38	22	318	335	292	M-12	M-16	39.5	14	80	58	18	115
8	203.20	146	224.80	574	45	89	70	140	343	266	445	340	40	27	342	360	307	M-16	M-16	39.5	14	80	62.50	20	127
9	228.60	154	252.40	635	50	95	75	145	390	282	482	344	42	27	370	385	325	M-16	M-16	44.5	14	90	67.50	20	135
10.5	266.70	172	281.30	720	60	115	80	150	432	330	590	432	50	32	450	475	352	M-16	M-16	53	18	110	71	22	147

Dimensions



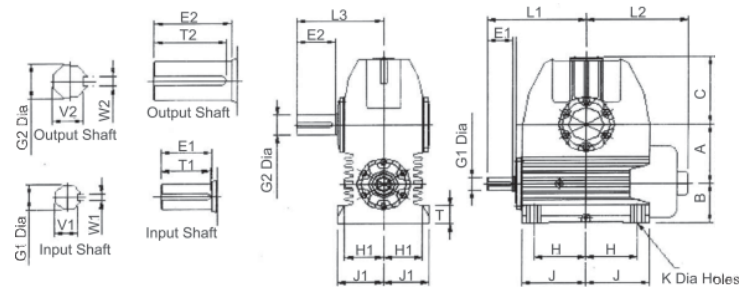
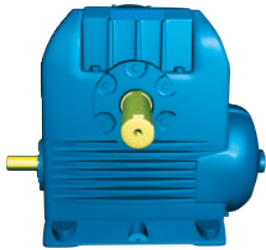
NU-V



DIMENSIONS IN MM

size	A	B	C	D	E1	E2	G1	G2	H2	J2	K	L1	L2	L3	M1	M2	P	T	T1	T2	V1	V2	W1	W2
1 $\frac{3}{4}$	44.45	57	84.50	171.50	35	46	16	22	125	145	11	111	111	103.5	-	M-08	76	10	30	40	13	18.5	5	6
2	50.80	70	95.50	203.80	45	57	16	25	170	192	11	133	133	117	-	M-08	88	12	40	50	13	21	5	8
2 $\frac{1}{4}$	57.15	70	97	212	50	60	22	25	106	180	12	142	142	136	-	M-10	86	12	45	55	18.5	21	6	8
2 $\frac{1}{2}$	63.50	80	112.50	245	50	55	20	28	180	212	14	150	150	133	-	M-08	100	12	45	50	16.5	24	6	8
3	76.2	102	129	283	50	65	25	38	200	242	14	162	180	155	M-8	M-10	110	20	45	60	21	33	8	10
3.5	88.9	96	120	310	50	80	25	38	161	260	14	175	190	172	M-10	M-12	124	14	45	75	21	33	8	10
4	101.6	110	164	353	60	90	32	45	166	280	18	212	230	203	M-12	M-12	146	16	50	85	27	39.5	10	14
5	127	118	178	410	70	100	38	50	184	320	18	242	267	243	M-12	M-16	167	21	65	90	33	44.5	10	14
6	152.4	128	181	480	72	114	38	58	270	340	22	279	300	265	M-12	M-16	202	25	70	110	33	52	10	16
7	177.80	146	200	523.80	86	127	45	65	320	400	22	318	335	292	M-12	M-16	249	40	80	115	39.5	58	14	18
8	203.20	146	220	574	89	140	45	70	360	440	27	342	360	307	M-16	M-16	253	40	80	127	39.5	62.5	14	20
9	228.60	154	240	635	95	145	50	75	410	480	27	370	385	325	M-16	M-16	275	40	90	135	44.5	67.5	14	20
10.5	266.70	172	260	720	115	150	60	80	460	560	32	450	475	352	M-16	M-16	330	45	110	147	53	71	18	22

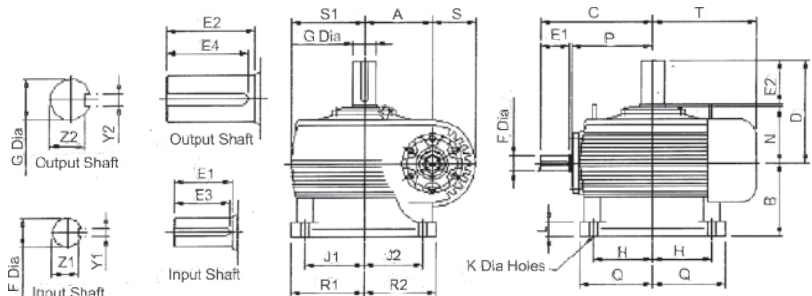
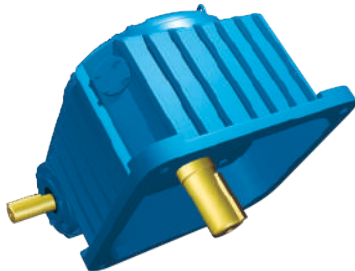
FFMU



DIMENSIONS IN MM

SIZE	A	B	C	E1	E2	G1	G2	H	H1	J	J1	K	L1	L2	L3	T	T1	T2	V1	V2	W1	W2
4	101.6	108	125	60	90	32	45	108	101.6	133	129	18	212	230	203	38	50	85	27	39.5	10	14
5	127	114.3	153	70	100	38	50	123.5	111	146	137.5	18	242	267	243	45	65	90	33	44.5	10	14
6	152.4	127	175	72	114	38	58	133.5	121	182	154	22	279	300	265	45	70	110	33	52	10	16
7	177.8	146	212	86	127	45	65	152	133.4	208.5	162	22	318	335	292	55	83	114	39.4	58	14	18
8	203.2	146	235	89	140	45	70	171.5	139	222.5	171	27	342	360	307	45	80	130	39.5	62.5	14	20
9	228.6	154	270	95	145	50	75	195	141	240	172	27	370	375	325	65	90	135	44.5	67.5	14	20
10	254	171	291	121	152	57.14	82.5	215	165	297	200	32	424	444	375	65	88	142	50.6	73.2	16	22
12	304.8	190	342	124	171	63.5	95.25	260	184	355	222	35	494	514	413	70	88	161	56.9	83.8	16	24

FFV



DIMENSIONS IN MM

SIZE	A	B	C	D	E1	E2	E3	E4	F	G	H	J1	J2	K	L	N	P	Q	R1	R2	S	S1	T	Y1	Y2	Z1	Z2
4	101.60	171.5	212	203	60	90	50	85	32	45	114	114	114	18	32	108	147	140	140	140	110	152	230	10	14	27	39.5
5	127	190.5	242	243	70	100	65	90	38	50	140	140	140	18	35	135	167	165	165	165	124	178	267	10	14	33	44.5
6	152.40	209.6	279	265	72	114	70	110	38	58	152	152	152	22	40	145	202	184	184	184	133	197	300	10	16	33	52
7	177.8	228.6	318	298	86	127	83	114	45	65	177.8	177.8	177.8	23.8	38	151	229	210	210	210	143	222	305	14	18	39.4	58
8	203.2	241.3	343	311	89	140	83	127	45	70	203.2	203.2	203.2	27	44	159	251	238	238	238	149	254	360	14	20	39.5	62.5
10	254	279.4	425	375	121	152	79	143	57.14	82.5	260.4	260.4	235	31.8	51	194	311	311	299	273	160	298	444	16	22	50.6	73.2
12	304.8	304.8	495	413	124	171	89	162	63.5	95.25	317.5	317.5	266.7	34.9	57	216	368	368	356	305	177	356	514	16	24	56.9	83.8

Ratings



RATINGS AT INPUT SPEED 1500 R.P.M.

GEAR RATIO	OUTPUT SPEED R.P.M	CAPACITY	SIZE OF UNIT						
			1½	1¾	2	2¼	2½	3	3.5
5	300	INPUT POWER KW	1.172	1.360	2.100	2.40	4.00	6.05	11.000
		OUTPUT TORQUE Nm	32.765	38.500	60.000	66.20	121	176.6	318.00
7.5	200	INPUT POWER KW	0.840	1.100	1.720	1.870	2.900	5.2	7.540
		OUTPUT TORQUE Nm	35.000	44.340	72.000	80.300	126	235.4	320.8
10	150	INPUT POWER KW	0.730	0.740	1.500	1.570	2.60	4.5	6.530
		OUTPUT TORQUE Nm	37.300	38.500	82.900	88.00	146	255.1	336.00
15	100	INPUT POWER KW	0.687	0.570	0.970	1.030	2.30	3.5	5.6
		OUTPUT TORQUE Nm	49.442	44.440	75.240	85.350	186	265.00	422.00
20	75	INPUT POWER KW	0.550	0.510	0.821	0.940	2.33	2.700	4.400
		OUTPUT TORQUE Nm	50.030	51.210	82.000	95.650	233	295	482.65
25	60	INPUT POWER KW	0.470	0.510	0.690	0.730	1.83	2.7	3.550
		OUTPUT TORQUE Nm	49.840	60.140	81.410	92.220	231	350	484.60
30	50	INPUT POWER KW	0.450	0.450	0.560	0.600	1.46	2.4	3.000
		OUTPUT TORQUE Nm	58.200	62.000	78.500	87.800	214	323.7	452.24
40	37.5	INPUT POWER KW	0.310	0.260	0.450	0.470	1.06	1.72	2.400
		OUTPUT TORQUE Nm	41.400	43.660	79.460	87.310	197	333.54	470.90
50	30	INPUT POWER KW	0.261	0.250	0.350	0.366	0.80	1.48	2.100
		OUTPUT TORQUE Nm	41.800	53.400	78.500	81.43	180	324	507.20
60	25	INPUT POWER KW	0.250	0.230	0.330	0.366	0.60	1.22	1.642
		OUTPUT TORQUE Nm	42.700	57.140	80.450	84.860	121	328.6	472.84
70	21.4	INPUT POWER KW	0.224	0.210	0.280	0.300	0.50	1.06	1.313
		OUTPUT TORQUE Nm	44.150	59.070	79.000	86.820	118	313	424.80

RATINGS AT INPUT SPEED 1500 R.P.M.

GEAR RATIO	OUTPUT SPEED R.P.M	CAPACITY	SIZE OF UNIT							
			4	5	6	7	8	9	10	12
5	300	INPUT POWER KW	13.800	23.140	36.500	50.000	67.200	82.4	88.00	119.04
		OUTPUT TORQUE Nm	412.00	701.41	1128.2	1500.0	2050.3	2491.2	2680.0	3776.85
7.5	200	INPUT POWER KW	9.700	18.000	26.100	40.300	55.200	63.43	74	108.6
		OUTPUT TORQUE Nm	431.70	819.10	1177.2	1844.3	2531.0	2933.2	3380	4806.9
10	150	INPUT POWER KW	8.300	15.700	23.130	33.000	45.500	74.5	67	98.7
		OUTPUT TORQUE Nm	490.5	932.00	1393.0	1952.3	2805.6	4506	3920	6164.6
15	100	INPUT POWER KW	5.600	11.000	17.200	21.600	31.340	56	54.00	76
		OUTPUT TORQUE Nm	490.5	932.00	1530.4	1893.3	2854.7	5027	4680	6670.8
20	75	INPUT POWER KW	5.100	9.000	14.200	18.650	24.630	48	45	63
		OUTPUT TORQUE Nm	578.80	10.30	1628.5	2178.0	2864.5	5447.3	5190	7239.8
25	60	INPUT POWER KW	4.000	7.400	12.100	17.200	22.500	42	36.00	50
		OUTPUT TORQUE Nm	549.36	1040	1707.0	2403.5	3316.0	6661.5	5060	6948.4
30	50	INPUT POWER KW	3.510	6.300	10.220	14.85	20.200	40	31	45
		OUTPUT TORQUE Nm	583.70	1040	1700.0	2462.3	3502.2	6876	5180	7504.65
40	37.5	INPUT POWER KW	3.000	5.000	8.300	12.00	15.000	32	24	37
		OUTPUT TORQUE Nm	623.00	1049.6	1746.2	2531.0	3384.5	7253	5250	7857.8
50	30	INPUT POWER KW	2.463	4.254	6.650	11.000	13.500	27	20.900	31
		OUTPUT TORQUE Nm	637.65	1079	1697.2	2737.0	3639.5	7220	5350	8740.7
60	25	INPUT POWER KW	2.240	3.810	6.200	9.200	12.200	22	18	28
		OUTPUT TORQUE Nm	647.46	1118.3	1795.2	2668.3	3502.2	6597	5390	8397.4
70	21.4	INPUT POWER KW	1.800	3.360	5.000	7.500	9.85	19	17	22.5
		OUTPUT TORQUE Nm	608.22	1089	1628.5	2405.0	3384.5	6868	5850	7880.4

Ratings



RATINGS AT INPUT SPEED 1000 R.P.M.

GEAR RATIO	OUTPUT SPEED R.P.M	CAPACITY	SIZE OF UNIT						
			1½	1¾	2	2¼	2½	3	3.5
5	200	INPUT POWER KW	0.890	1.030	1.760	1.865	3.21	4.55	8.800
		OUTPUT TORQUE Nm	37.100	43.260	73.880	81.000	141	196.2	377.70
7.5	133.33	INPUT POWER KW	0.708	0.730	1.360	1.494	2.30	3.95	5.970
		OUTPUT TORQUE Nm	41.400	45.500	82.000	96.140	147	255.1	372.80
10	100	INPUT POWER KW	0.54	0.582	1.194	1.230	2.04	3.47	5.150
		OUTPUT TORQUE Nm	41.500	45.600	93.200	101.00	169	294.3	422.80
15	66.66	INPUT POWER KW	0.520	0.485	0.746	0.835	1.74	2.54	4.110
		OUTPUT TORQUE Nm	53.500	55.700	83.400	99.100	213	314	505.20
20	50	INPUT POWER KW	0.400	0.380	0.716	0.582	1.74	2.100	3.580
		OUTPUT TORQUE Nm	52.000	56.700	103.20	110.00	266	334.4	562.10
25	40	INPUT POWER KW	0.373	0.365	0.544	0.580	1.45	1.94	2.610
		OUTPUT TORQUE Nm	60.333	64.100	98.100	105.50	263	372.8	494.50
30	33.4	INPUT POWER KW	0.302	0.321	0.477	0.507	1.16	1.68	2.400
		OUTPUT TORQUE Nm	52.100	65.700	98.100	107.50	244	372.8	516.00
40	25	INPUT POWER KW	0.268	0.250	0.395	0.40	0.84	1.34	2.015
		OUTPUT TORQUE Nm	54.500	57.300	101.10	104.00	223	392.4	565.01
50	20	INPUT POWER KW	0.201	0.200	0.355	0.306	0.65	1.194	1.492
		OUTPUT TORQUE Nm	52.000	52.550	99.100	98.100	204	392.4	598.00
60	16.7	INPUT POWER KW	0.200	0.180	0.298	0.261	0.450	1.01	1.200
		OUTPUT TORQUE Nm	57.000	59.000	99.100	94.200	130	402.20	448.80
70	14.3	INPUT POWER KW	0.180	0.180	0.224	0.224	0.420	0.933	1.007
		OUTPUT TORQUE Nm	58.540	62.540	88.300	94.400	126	392.4	403.20

RATINGS AT INPUT SPEED 1000 R.P.M.

GEAR RATIO	OUTPUT SPEED R.P.M	CAPACITY	SIZE OF UNIT							
			4	5	6	7	8	9	10	12
5	200	INPUT POWER KW	11.000	18.700	26.900	37.300	49.250	64.4	68	100
		OUTPUT TORQUE Nm	490.50	853.50	1216.5	1677.5	2266.1	2912	3090	4449.8
7.5	133.33	INPUT POWER KW	7.540	14.100	20.900	29.900	29.600	54.1	56	80
		OUTPUT TORQUE Nm	510.20	951.60	1402.8	2011.1	2707.6	3682.1	3780	5353.3
10	100	INPUT POWER KW	6.500	12.200	18.660	25.370	32.100	48.5	50	70
		OUTPUT TORQUE Nm	578.80	1079.1	1658.0	2227.0	2993.2	4400	4360	6229.3
15	66.66	INPUT POWER KW	4.500	7.700	13.400	20.150	24.600	37.3	40	60
		OUTPUT TORQUE Nm	578.80	1000.60	1746.2	2668.3	3306.0	4966	5160	7838.2
20	50	INPUT POWER KW	3.880	6.800	10.700	14.600	20.200	30.8	33.5	49
		OUTPUT TORQUE Nm	657.30	1138.0	1815.0	2462.3	3237.3	5471	5710	8358.1
25	40	INPUT POWER KW	3.000	6.000	8.300	13.000	17.200	27	27	40
		OUTPUT TORQUE Nm	618.00	1197.0	1717.0	2678.1	3639.5	5673	5580	8529.8
30	33.4	INPUT POWER KW	2.840	4.850	7.500	11.90	15.700	23.2	23	35
		OUTPUT TORQUE Nm	686.70	1177.2	1775.6	2854.7	3894.6	5722	5710	8665.2
40	25	INPUT POWER KW	2.400	4.100	6.340	9.100	12.00	20	18	30.5
		OUTPUT TORQUE Nm	726.00	1275.3	1942.4	2825.3	3767.0	6417	5790	9714.8
50	20	INPUT POWER KW	2.015	3.500	5.300	7.600	10.500	15.4	15.8	24
		OUTPUT TORQUE Nm	735.80	1295.0	1952.2	2796.0	3973.0	5956.3	5930	8986
60	16.7	INPUT POWER KW	1.866	3.000	4.50	7.0	9.000	13.1	13.5	22
		OUTPUT TORQUE Nm	794.60	1236.0	1883.5	2854.7	3835.7	5993	5980	9751.1
70	14.3	INPUT POWER KW	1.420	2.620	3.900	5.750	7.400	10.1	12.5	19
		OUTPUT TORQUE Nm	647.50	1216.5	1785.4	2668.3	3512.0	5261.2	6390	9335.2



Professionals In Speed reduction Technology

GENERAL

PEC speed reducers are manufactured in different types and sizes and ratio in adopter types as well in solid foot mounted type and vertical flange mounted type of industrial requirement . *PEC* speed reducers are of robust, Efficient and reliable due to its Standard design and construction.

PEC speed reducers are available in a range from 28.60 mm to 431.80 (11/8" to 17") Center distance with ratio of 5:1 to 70:1 of reductions. *PEC* can also offer for a specific requirement as on request.

GEAR HOUSING

Gear housing of *PEC* speed reducer is made of close grain cast iron material with maximum cooling fins on both sides with surface are Covered to atmosphere for improved efficiency. Bering housing are perfectly bored to Achieved proper alignment. the housing is totally dust proof and oil tight.

WORM

The worm of *PEC* speed reducer is solid with shaft it means of single piece made of single made of high graded alloy steel, accurately generated, hardened, ground and polished.

WORM WHEEL

The worm wheel of "*PEC*" speed reducer is made of cast phosphorous bronze, on Center cast iron boss, which is pressed and keyed on the ground and polished high graded alloy steel made shaft which can permit high torque and bending load. the teeth of worm wheel are accurately hobbled on "gear hobbing machine" by specially made as worm diameter hobbled cutter.

OIL SEAL

Oil Seal (Fenner make pioneer brand) are used of superior quality to ensure oil tight.

BEARINGS

The worm & worm wheel shaft are supported on the ball or roller bearings of standaed make of ample capacity to take rotating and thrust load.

SPECIFICATION

PEC make speed reducer are confirms to (i.s.3734 - 1966 for worm gearing) Is & bs Standards wherever applicable. (b.s.721: 1963worm gearing)



Load Characteristics



U=Uniform load

M=Medium Shock Load

H=Heavy Shock Load

TYPE OF MACHINE	LOAD FACTOR	TYPE OF MACHINE	LOAD FACTOR	TYPE OF MACHINE	LOAD FACTOR
Agitators & Mixers		Bucket-heavy Load	M	Oil Industry	
Liquids,semi-Liquids	U	Bucket-cont.Load	U	Chillers	M
Liquids,Variable Density	M	Centrifugal Discharge	U	Rotary Kilns	M
Blowers		Gravity Discharge	U	Paper Mill	
Centrifugal,Vane	U	Fans		Bleacher Conveyor press, Winder	U
Lobe	M	Centrifugal	U	Calenders, agitators, bates and	
Brewing & Distilling		Induced Draft	M	Pulper	M
Bottle Machinery	U	Large (mine, industrial, etc.)	M	Pumps	
Brew Kettl	U	Light (small diameter)	U	Centrifugal	U
Cookers,Scale Hopper	M	Feeders		Reciprocating(3 or more cylinders)	M
(frequent starts)		Apron	M	Rubber & Plastic Industry	
Cane Knives	M	Belt	M	Crackers	H
Clarifiers	U	Reciprocating	U	Fixing Mills	H
Clay-working Machinery		Reciprocating	H	Laboratory Equipment	M
Brik Press, Briquette Machines	H	Food Industry		Refiners	M
Pug mill, Clay-Working Machinery	M	Beet slicer	M	Sheeters	M
Compressors		Cereal Cooker	U	Tubers and Strainers	M
Centrifugal	U	Laundry Machines		Warming Mill	M
Lobe	M	Washers, Tumblersl	M	Screens	
Reciprocating- multi-cylinder	M	line shaft	U	Air Washing	U
Reciprocating-single-cylinder	M	Mills		Rotary-Stone/Graval	M
Conveyors		Hammers	H	Textile Industry	
Uniformly Loaded	U	Balls kilns, Pebbles	M	Batchers	M
Rough or non-uniform drive	M	Rod Tumbling Barrels	H	Calenders	M
Reciprocation and shaker		Sugar Industry		Dyeing machinery	M
Crance Hosists		Cane Knives	M	Spinners	M
Crushers	M	Crushers	M	Washers	M
Elevators	H	Mills	M	Winders	M
Bucket-Uniform Load	U			Wire-Drawing Machinery	M

SERVICE FACTORS

Prime Mover	Duration of service	Uniform U	Moderate Shock M	Heavy Shock H
Electric Motor	2Hours/Day	0.75	0.90	1.25
	8Hours/Day	0.90	1.1	1.45
	12Hours/Day	1.00	1.25	1.55
	24Hours/Day	1.25	1.50	1.75

RECOMMENDED LUBRICANT

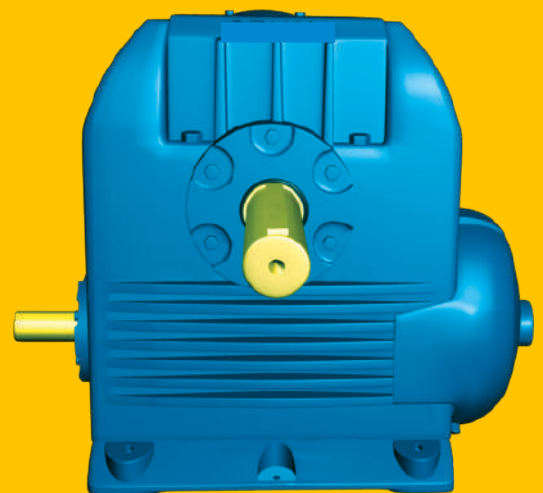
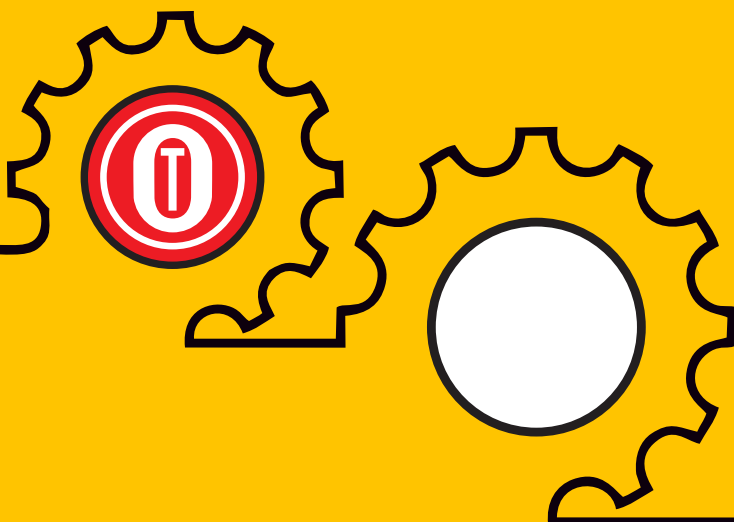
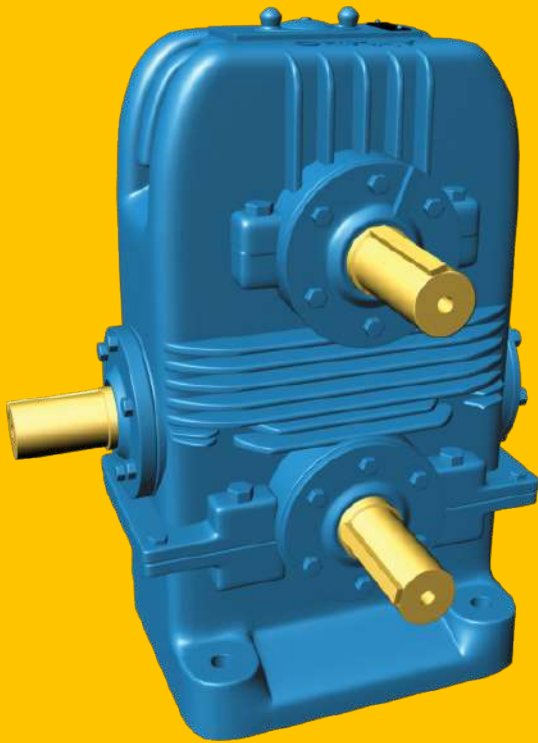
Brand	Grade
British Petroleum	CS 320 or GRXP320
Cellex	Meropa 320
Esso Petroleum	Teresso 320 or spartan320
Mobil Oil Co.	Mobil DTE Oil AA or Mobilgear 632
Shell Co.	Vitea Oil 320 or omeata 320

Brand	Grade
Bharat Petroleum	Cabol 320
Castrol	Alpha Zn 320 or alpha Sp-320
Gulf	Gulf harmony 320 or Gulf 320
Hindustan Petroleum	Enklo 320 or Parthan EP 320
Indian Oil	Servomesh SP 320 or Servosystem 320
Veedol	Avalon 320

NOTE : BASED ON INPUT RPM

an improvement in design are continually being made, this specifications and dimensions are not regarded as binding in detail, specifications and dimensions are subject to change without notice.

Professionals in Speed Reduction Technology



POWERTEK EQUIPMENT CO

121-Centura Square-- opp. Lanxess House, Road no 27
Wagle Industrial Estate, Thane (West) Maharashtra
400604 INDIA

CELL NO+91-9004005888/9320193114

E-mail: powertekmumbai@gmail.com /WEB SITE-www.powertekindia.com