

AADITRI NEW CARDEN PVT. LTD

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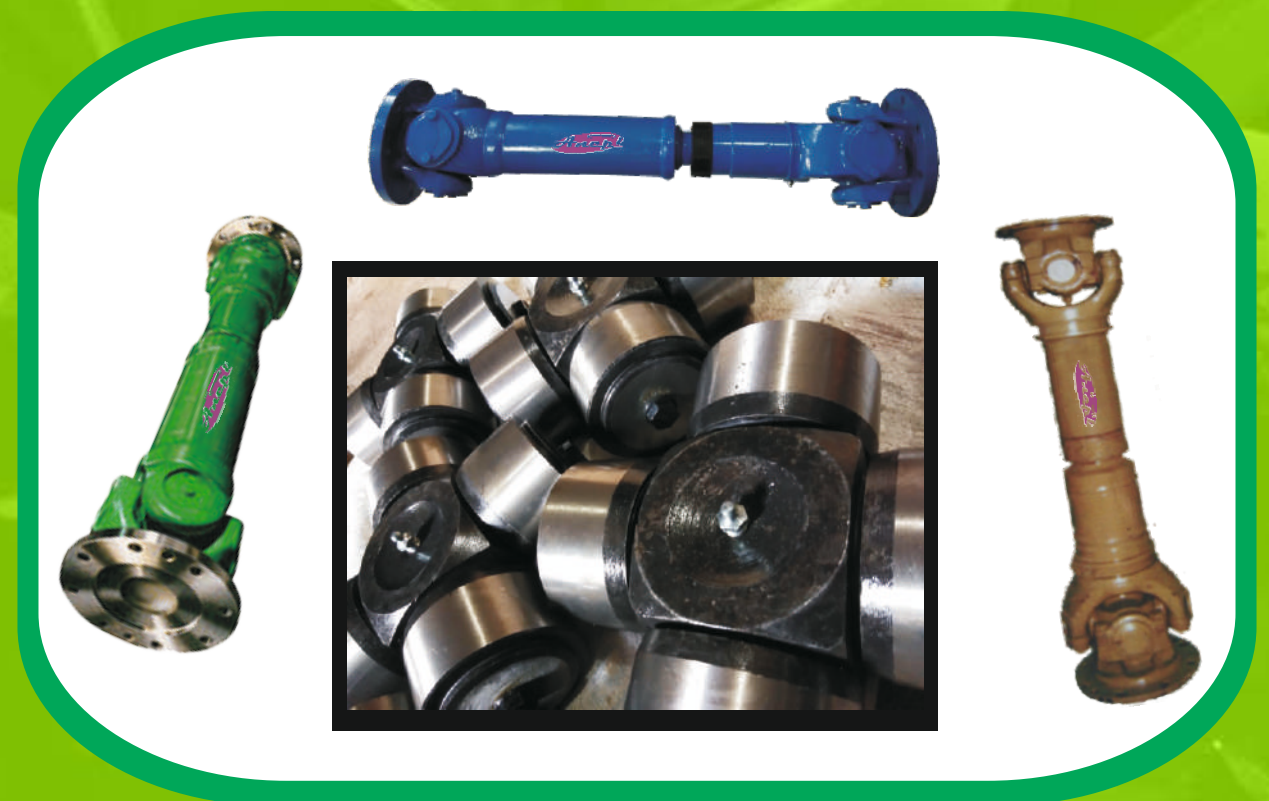
AADITRI NEW CARDEN PVT. LTD

Govt. of India Registered SSI unit

Manufacturer : Universal Coppling, Popular Shaft, Cardan Shaft & Universal Joint,
All type Cross & Bearing also and any all things parts etc.

Cardan Shaft, Better than Best

ANCPL *a name you can trust.*



ABOUT US

AADITRI NEW CARDEN PVT. LTD. maintains high with the brand name of ANCPL manufacturing various types of CARDAN SHAFT quality products, UJ cross etc. with more than two decades experience. We believe in continuously improving our products and service so that customers' requirements for safety and performance are satisfied under the brand name of ANCPL. Our two Directors has with 25 years technical experience in this field. So our company is best in the field.

The reputation we enjoy for excellence of design, material and workmanship of our product is the result of our product and careful study of the exact, requirement of the various industries in the class of goods in which we are working. ANCPL CARDAN SHAFT & UJ CROSS are designed to withstand high pressure services and are capable satisfying various stringent test like pressure impulse, vibration test, vacuum test, make & remake test etc. As per BS 4368 part IV at our in house testing facilities. The above have been periodically witnessed by various inspections by industrial consultant like EIL, DNV, BARC to name a few.

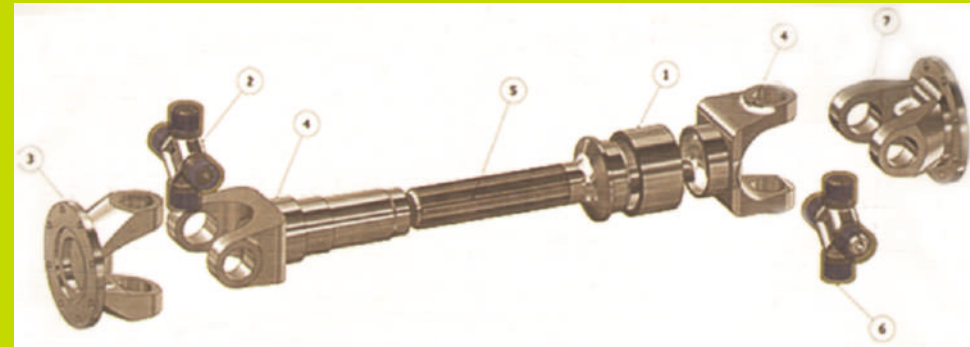
In today's modern world, application is wide and that includes power plants, steel plants, cement plants, rolling plants, paper mills and thermal power station and many more and to meet their specific requirements, we are always trying to improve quality of the product with equality consequenceness. We shall, at all times welcome a suggestion from any customer present or perspective, who could help us in bringing our products to their fullest satisfaction to give ANCPL CARDAN SHAFT & UJ CROSS the stamp off guarantee.

ANCPL CARDAN SHAFT & UJ CROSS are available in variety of construction materials SS, CS, MONEL and BRASS material are tested at reputed government approved laboratories on confirming to ASTM, ANSI, IS etc. standards.

We also undertake amc as well as repairing and maintenance jobs at affordable rates. And any problem of Carden Shaft we can solve.

*Yours Faithfully
Jay Kant Prajapati
Santosh Yadav
Directors*

GENERAL ASSEMBLY OF CARDAN SHAFT



Sl. NO.	Part Name	Application of Cardan Shaft	Features of our Products Highlighted
1	Flange	Steel Plants	High Quality
2	Cross with Bearing	Rolling Mills	Fully Assembly
3	Sleeve Yoke	Paper Machinery	Simplified Assembly
4	Read Teeth	Tube Mill Plant	Economical Maintenance
5	Tube	Cement Industries	
6	Half Yoke	Tea Machinaery	
7	Cross with Bearing		
8	Flange		

ANCPL a name you can trust.



Our Valueable Customers

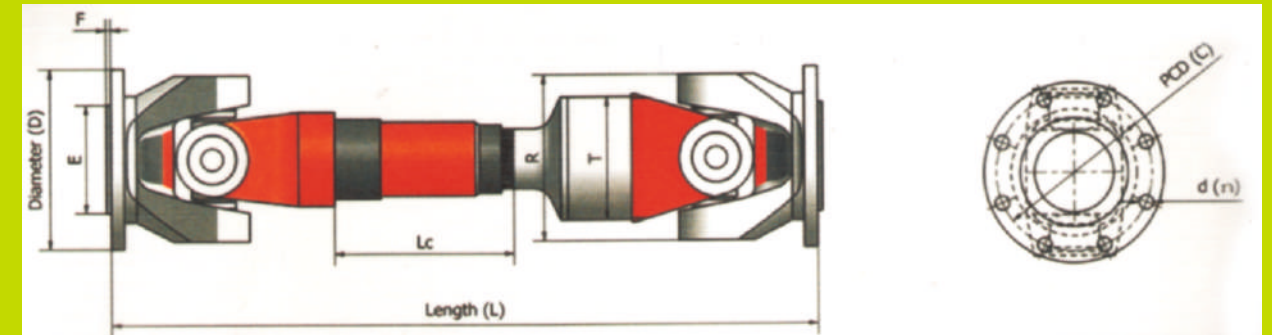
- ◆ Lohia Paper & Board Pvt. Ltd.
- ◆ Sitaram Energy & Logistics Ltd.
- ◆ Mamta Engineering Private Ltd.
- ◆ M. K. Engineering Solutions
- ◆ Modern India Steel Rolling Mills Pvt. Ltd.
- ◆ Vamsee Engineering Solutions
- ◆ SRMB
- ◆ Joy Balaji Steel (P) Ltd.

Our Valueable Customers

- ◆ Shyam Group of Industries
- ◆ Fores Tubular Private Ltd.
- ◆ Maa Kudargarhi Steel Pvt. Ltd.
- ◆ Mongia Steel Limited.
- ◆ Mohan Boards Pvt. Ltd.
- ◆ Bhuleswar Steel & Alloyes Pvt. Ltd.
- ◆ Amit matalicks (P) Ltd.
- ◆ Samrat Seamless Tubes (P) Ltd.



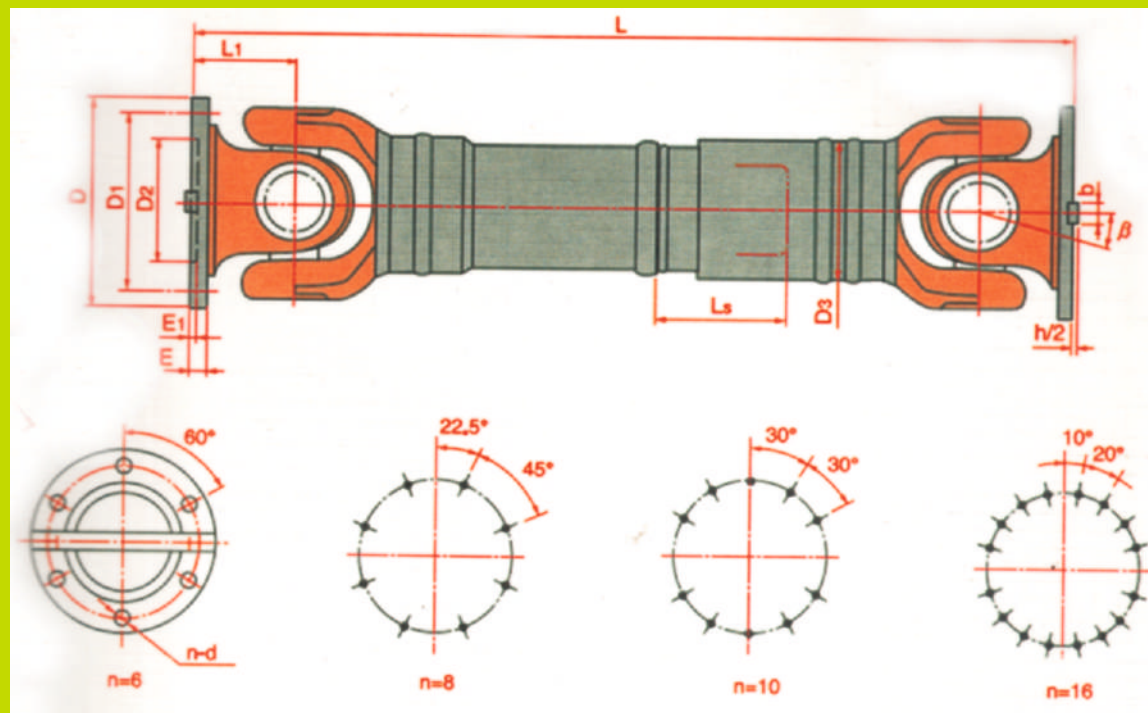
DESCRIPTION OF CARDAN SHAFT & SPARE PARTS



MODEL/SERIES	MB 86	MB 90	MB 97	MB 100	MB 120	MB 120H	MB 130	MB 146	MB 146R	MB 150
Duration Torque (Nm)	672	780	850	1400	2100	2700	3000	3350	3350	3850
Flange OD (1)	86	90.5	97	100	120	120	130	146	146	150
Face Key way Design										
PCD of Hole (2)	69.9	74.5	79.4	83.8	95.3	101.6	112	120.7	12.7	130
Number of Hole	4	6	4	6	4	6	8	4	4	8
Hole Dia (3)	8	10	9.9	8.1	11.2	10.15	10.15	12.8	12.8	12.2
Spigot Dia (4)	57.2	F-47	60.1	57	69.9	82.5	82.5	95.2	95.2	F-90/D3
Spigot Height (5)	2		2	2	2	2	2	2	2	
Tube Dia (6)	63.5	60.5	63.5	60	76	70	89	89	89	100
Length Compensation (7) LC	45	55	50	55	60	75	91	75	75	101.6
Rotation Dia (8)	82.5	105	98	103	122	110.5	129	137.5	149	152.1
Angular Movement	15	20	20	20	20	20	20	16	16	18
Compressed Length Min. (L)	270	410	340	375	360	470	600	465	430	590
Maximum Length	3500	3500	3500	3500	3500	3500	3000	3500	3500	3500

MODEL NUMBER	MB 86	MB 90	MB 97	MB 100	MB 120	MB 146	MB 150	MB 175	Mb200 LD	MB 200HD20	MB 230	MB 240
Flange Dia [D]	86	91	97.2	100	126	146	150	175	205	5	230	240
Torque [Nm]	582	685	790	2050	2650	3150	3810	4090	8400	13850	15090	16000
Angular Movement (degrees)	15	20	25	20	20	20	20	20	25	25	25	18
Rotation Dia [R]	82	100	98	102	122	140	150	160	180	190	190	190
PCD of Hole (C)	70	75	80	84	95	120.6	130	155.65	185	185	205	209
Number of Holes (n)	4	6	4	6	4	4	8	8	8	8	8	8
Hole Dia (d)	8	10	10	8.5	11	12.5	12	10	10	10	12	16
Flange Spigot Dia (E)	57.1	472	60	57	69.9	95.2	90	168	098	198	222	NA
Flange Spigot Thickness (F)	2	2	2	2	2	2	2	2.25	3	2.5	2.5	NA
Tube Dia (T)	64	90	64	65	76	89	102	89	102	115	115	115
Length Compensation (Lc)	43	91	52	56	65	75	100	75	100	110	110	110
Minimum Compressed Length [Lmin]	265	470	335	375	360	465	587	530	580	605	605	605
Maximum Compressed Length [Lmax]	1500		1500	1500	1500	1500	1500	2202	3000	3000	3000	3000

DESCRIPTION OF CARDAN SHAFT & SPARE PARTS



MODEL/SERIES	MB 165	MB 175	MB 185	MB 200L	MB 200H	MB 225	MB 230	MB 240	MB 250
Duration Torque (Nm)	8000	4200	9000	8000	10500	12500	12500	12500	12500
Flange OD (1)	165	175	185	203	203	225	230	240	250
Face Key way Design									
PCD of Hole (2)	139.8	155.7	165	184	184	196	205	218	220
Number of Hole	8	8	8	8	8	8	8	8	8
Hole Dia (3)	16.2	9.8	10	10.5	10.5	12.5	16	16	17
Spigot Dia (4)	F-95/D2	168	178	196.8/F140/D4	196.8/F157/D5	221.5/F157/D5	226/F157/D5	236/F157/D5	246/F157/D5
Spigot Height (5)		2	2	2	2	2	2	2	2
Tube Dia (6)	101.6	89	110	101.5	115	115	115	115	115
Length Compensation (7) LC	95	75	100	100	110	110	110	110	110
Rotation Dia (8)	176.1	160	180	176	184	184	184	184	184
Angular Movement	16	20	15	15	15	15	15	15	15
Compressed Length Min. (L)	640	530	580	580	605	605	640	640	640
Maximum Length	3500	3500	3500	3500	3500	3500	as per required	as per required	as per required

MODEL/SERIES	MB 225H	MB 250L	MB 250H	MB 285	MB 315	MB 350L	MB 350H	MB 391	EXTRA HEAVY DUTY	
									MB 440	MB 480
Duration Torque (Nm)	25000	32000	50000	58000	85000	85000	120000	165000	215000	215000
Flange OD (1)	225	250	250	285	315	350	350	390	440	480
Face Key way Design	30x6	30x6	32x6	32x12	32x12	32x12	40x15	80x15	50x16	90x16
PCD of Hole (2)	190	218	218	245	280	310	310	345	390	435
Number of Hole	8	8	8	8	8	10	10	10	16	16
Hole Dia (3)	17	19	19	21	23	23	25	28	28	31
Spigot Dia (4)	157	157	157	157	175	155	5	170	190	205
Spigot Height (5)	5	5	5	7	7	8	8	8	10	12
Tube Dia (6)	130	140	150	168	194	245	245	270	320	370
Length Compensation (7) LC	100	110	110	110	110	125	125	138	138	150
Rotation Dia (8)	190	210	210	230	265	310	310	320		
Angular Movement	15	15	15	15	15	15	15	15	15	15
Compressed Length Min. (L)	650	750	880	910	950	1200	1200	1300	1450	1700
Maximum Length	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000

TRANSPORT, STORAGE & SAFETY PRECAUTIONS



Universal Shafts are delivered as complete units. They are balanced and lubricated. To avoid accident proper care should be taken while handling. While in transit horizontal position of the Shaft is suggested. A careful handling to avoid the rear come out from the sleeve yoke. Encapsulate the sleeve yoke with dust cover. Nuts and bolts should be fastened tightly. Balance weights or plates should not be removed. Unbalance will cause uneven running and premature wear of the universal shaft and bearings of the connected units. Ensure proper greasing prior to installation.

