



KARAN MOTORS PVT. LTD.

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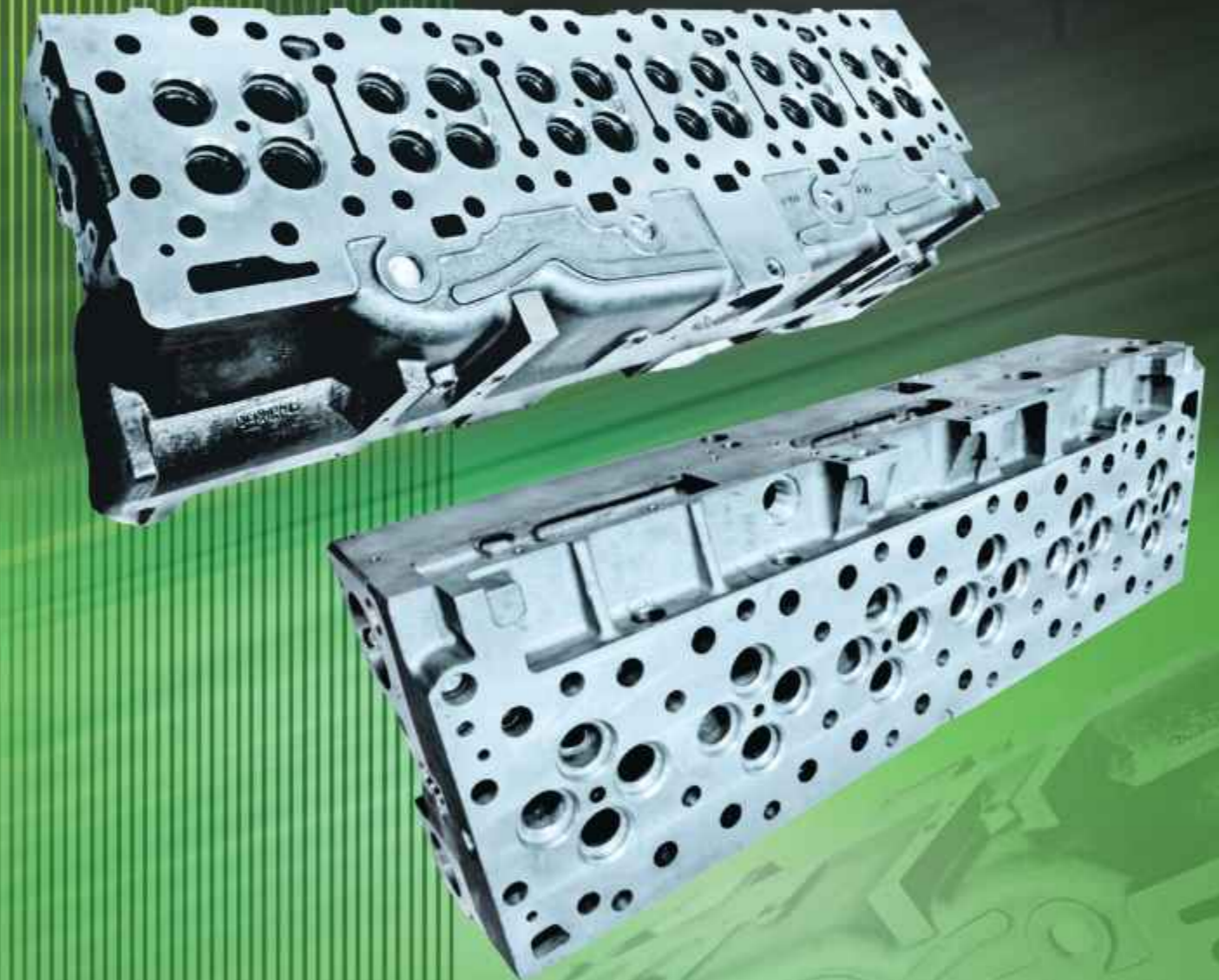
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**KARAN MOTORS
PVT. LTD.**



**KARAN MOTORS
PRIVATE LIMITED**



KARAN MOTORS PVT. LTD.

Mrs. Permala Chadha
Managing Director

Mr. Harish Chadha
Director



CLIENTLE

Commitment to Quality & Reliability

Karan Motors was born in 1983, however three generations of Chadha family have been devoted to manufacture of **Cylinder Heads and Engine Blocks** for over four decades...

Karan motors is the industry leader in the Indian spare parts market and have been regularly catering to the OEM segment with successfully repeated exports to the international market.

Our range of products caters to literally every application of Diesel, Petrol and Compressed Natural Gas (CNG) fueled engines for Earthmovers, Tractors, Combines, Trailers, Trucks, Commercial Vehicles, Power Generators, Passenger Vehicles, Vintage Cars, Marine Applications and so forth.

We have zero defect programs across all sections of the company which is an essential element for sustained development and growth. Our facility which is based out of RIICO Industrial Area, Bhiwadi, Rajasthan, (India), is a one stop shop for all the function of manufacturing, quality control, packaging, and delivery. Under the same

roof our state of the art facility takes care of moulding, sand casting, finish machining, inspection, packing and delivering so the products are despatch ready to use heads and engine blocks, hence ensuring better control over production and effective co-ordination for unmatched quality. We use state of the art acid catalyzed phenolic no bake molding line supported by automatic machinery and semi automated conveyors.

Our unfaltering adherence to legal and regulatory norms and our quest to achieve world class quality has laid the foundation for Karan Motors to achieve ISO-14000 / TS 16949 quality management system in the near future. A crucial aspect of the whole system at Karan Motors is to nurture employees' empowerment to ensure continuous improvement and optimum efficiency to keep up with our motto of "commitment to quality and reliability".

OUR ORGANIZATION

OUT ADVANTAGE - A CUT ABOVE THE BEST...

- Wider range of products.
- Foundry capacity 3500 tons per year
- Centralized location in the heart of India, Rajasthan.
- Well equipped re-engineering center.
- Abundant skilled and knowledge, efficient and cost-effective manpower base.
- Well equipped production lines.
- Positioned to be a manufacturing base for batch production, low margin products.
- Focus on critical value added operations.
- **Efficient, cost-effective, quality producer**
- Work towards zero defects.
- Focus on prevention rather than correction.

ZERO defect policy

A Cut Above the Best



**KARAN MOTORS
PVT. LTD.**

KARAN MOTORS In-house Foundry And Machining





Suitable for Bedford Cylinder Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
J6	7182813 / 7169697	51	55



Suitable for BMC Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
1.5 Lts.	8D 154	21	22
1.8 Lts.	WFM 1076	21	22



Suitable for Cummins Cylinder Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
NH 220/495/743	BM 60971/14202083 (BM60941) 6610-10-1001/1000	30.5	32
NT 855 / 250	3053344/3008100 AR 96860/3008101	35.4	39
N-14 [CELECT]	3076209 / 3084060 3084981 / 3078380	35.5	39
NH-250 / NTC 400	3046760	35.5	39
CUMMINS ISX	4101420 / 4925774 (4026916)	200.8	220



Suitable for Caterpillar Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
3406DI 4W 5170	110.5096/7W007/7W5170	123.6	138
3406 PC	110.5097/7N1303/7W0010 (4N5079, 6N1008)	123.6	138
3406 E	4P5052	195	220
G3406	110-5100 (613598) 2236316	130	145
(C-15 / C-18) (ACERT)	245-4324/2239250/2237263 (4P5052, 176-9918)	195	220
D342 DECK PLATED D8K	8N.6000 / 5N8501	109	121
D342 D8K	8N.6004	109	121
G342 SP GAS	8N6001	109	121
G342 CB GAS	8N6005	109	121
3412 A	7N.0848 (4N7800, 6N9974)	125.6	138
3412 B DI	7W.2243	125.6	138
3408 B DI	7W.2225	97.6	107
3408 A 631-633-637D-769 988B-D8L	7N.0858 (4N 7799, 6N9978)	97.6	107
3306 977L-966	8N.1187	90.1	102
3306 LOW SERIAL / 977-D6-D7F	1P 4303 (7S7069, 9S7515)	90.1	102
3306 DI	8N.6796	93.2	105
3304 955L-D4D	8N.1188	60.5	70
3304 LOW SERIAL 955-D4	7S.7070	58.5	68
3304 DI	1N.4304	64.5	75
CAT 3116	1407373 (7W3228, 9Y9166, 115-4162, 7E4205, 101-2352, 105-1708, 7W3277, 1605130, 126586, 1077610)	70	80
CAT C-7	2195843, (219-5844, 133-3724)	97	108
CAT C-9	3323619 (252-8438) 3306067 / 02	105	120
CAT C-12 / C-10	1323252 (162-0623, 148-2144, 1043844) / 3176	95	105
CAT C-13 / C-11	3050617 (240-4031, 240-8271), 237-2109, 257-2188	149	165



Suitable for Detroit Diesel Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
6-71, 4V (3/4" END PLUG)	5102770	86.5	97
8V 92 & 16V 92	5149878	56	65
4-71, 4V	5102771	56	65
6V 92 & 12V 92	8922355/5149877/ 5148543	42	45





Suitable for Hino Cylinder Heads

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
Hino J08C	11101E0541	47.3	50.3
Hino P11C	S111014302	70	74
Hino J05C	1118378010	35	38

Suitable for International Harvestor Heads



Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
D 434	3044489	30	32.5
B 275	3044499	30	32.5



Suitable for IVECO Cylinder Heads

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
330-36 HT (FRONT)	500330966	53.5	55.5
330-36 HT (REAR)	500330967	53.5	55.5

Suitable for John Deere Heads

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
6076, 6068 8.1 LTR.	R 86422/122491/122492/ 105704	75	80
6-466 [6CYL.]	R 76384 (R59856, R61521, R76318, R86696, R86699, R86427, T20417, R26050, R8040, R34850, R34980, R43120, R43920, R46080, R46090, R50044, R50360, R58044, R59849, R64730, R47320, R75621, R53200, R75641)	70	75



Suitable for Komatsu Heads

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
S4 D105	6135-12-1101	35	37
SA4D110	—	52	55
S6 D105	6137-11-1012	52	55
SA6 D110	6138-12-1100	52	55
S6 D155	6127-11-1138 6128-11-1022	75	78
S6 D170	6162-13-1103	52	55



Suitable for Kubota Heads

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
V-2203	01907-703040	19	20
V-1902	01789-303040	19	20
V-1702	35185172	19	20
V-2003 WITH 10 EXTRA HOLES	1G624-03042	19	20
D-650 / 750 (3 CYL.)	—	10	11
D 850 / 950 (3 CYL.)	—	10	11



Suitable for Landrover Heads

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
2.25 LITERS PETROL	ETC 5412	26	28.5





Suitable for Mack Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
E-MACK (732GB)	5341M	62.4	65
MACK E-6 (732GB)	5311M (5292M)	62.4	65
MACK E-7 (732GB)	4468M (5326M, 5320M, 5335M)	62.4	65



Suitable for Man Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
D 2566 NATURALLY ASPIRATED	5103 101 6550/6510	13	16
D2866 TURBO CHARGED	5103 101 6773/6774/6585	13	16
D2876 - 4V	5103 100 6053	13.7	16
D2876 - 4VTGA	5103 100 6181	13.5	16

Suitable for Mercedes Benz Block

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
OM-352	352 010 2708	116	134
OM-366	366 010 2608	116	134
OM-366 LA	376 010 0605	116	134
OM 314	3140106608	90	105
OM-364	364 010 1308 364 010 1108	90	105



Suitable for Mercedes Benz Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
OM 312	312 010 3020	44.5	47.5
OM 314	314 010 5620/3320	30.3	32.5
OM 352	352 010 5220/5020	44.5	47.5
OM 352A	3520102221 / 3620100920	44.5	47.5
OM 355 / OM-346	355 010 0220 /0820	13.5	15
OM 355A	355 010 0620	13.5	15
OM 360	360 010 1520	30.5	33
OM 364	364 010 2120 / 1320	30.3	32.5
OM 364 A	364 010 5220	30.3	32.5
OM 366	366 010 1720 / 1620	44	47
OM 366A	366 010 2920 / 6620	44	47
OM-366A (WITH VALVE)	3660106820	44	47
OM 400	427 010 1020	13	15
OM-403	403 010 4020	13	15
OM-442 EVB/TOP BREAK	442 010 0620 / 1320 / 0720	13	15
OM-457	457010-4520 / 460 010 1820 / 460 010 0620 / 457 010 0721	17.7	20



Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
OM-501	541-010-6420 5410105320	18.4	22



Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
OM 906	906 010 7621 (35510)	61	64
OM 906 (WITHOUT EVB)	A906 010 8221	61	64
OM 906 LAG GAS	A906 010 7121	61	64
OM 926	A906 010 7221 / A906 0107021	61	64



Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
OM 904	904 010 0232 (41050)	41.5	43
OM 924	904 010 3221	41.5	43



Suitable for Morris Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
MGB SERIES	PH 34 NB	18.5	20
MGB SERIES	PH 35 NB	18.5	20
MGB SERIES	PH 36 NB	18.5	20
MGB SERIES	PH 37 NB	18.5	20
CLASSIC MINI CYL. Head	303573397746	15	16



Suitable for Navistar Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
NAVISTAR DT 466 (24V)	1881851 C1	108	118
NAVISTAR DT 466 (24V)	1839769 C5D	108	118
NAVISTAR DT 466 E (12V)	N1823914 C1B	104	113
NAVISTAR DT 466 E (12V)	688833 C1 /C2	104	113
NAVISTAR DT 466 E (12V)	1822363 C1 (1818504C1, 1824641C1)	104	113
NAVISTAR DT 466 E (12V)	1827113C1 (1827113C2)	104	113



Suitable for Perkins Di Heads (Direct Injection)

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
MF 240 / AD 3.152	ZZ 80082 (37116140, 37116180)	20	23
D 4.203	ZZ 80033 / ZZ 80047 (3711627A-2X, 37116360)	27	30.5
4.236 UNF / 4.248 MM	ZZ 80072 / ZZ80054 / ZZ80175 / 3637486M9 (37116820-1, 3711683-A, 3711604-A, 37116440, 3711696A-1, 37116990, 3711804A-1)	32	35



Suitable for Perkins Indirect Injection Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
IMT 533 / P3.152	ZZ 80048	20.5	22.5
IMT 539 / P3 1040 (UNF)	ZZ 80058	20.5	22.5
IMT 539 / P3 1040 (MM)	ZZ 80058	20.5	22.5
IMT 560 / P4 203	ZZ 80089	25.5	28.5



Suitable for Scania Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
D5C11 110/111/112	307925 / 289162 / 390667	48	50
D5C11 113	1118309 / 1118313 / 1337361 / 1300612	50	52





Suitable for Tata CNG Converted Head

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
6 CYLINDER	—	45	48
4 CYLINDER	—	31	33



Suitable for Tata Cylinder Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
1210 DI MODIFIED	2525 0115 0168	44.5	48
1613 TURBO CHARGED	2525 0115 0125	44.5	48
1612	2525 0115 0159	44.5	49
407	2534 0115 0153	30.5	33.5
709	2527 0115 0116	30.5	33.5



Suitable for Tata Engine Block

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
1612	2525 0110 0220	116	134
1613 TURBO	2525 0110 0241	116	134
1613 NEW	2525 0110 0252	116	134
1613 EURO 1	2525 0110 0268	116	134
TATA 407	—	—	—
TATA 709 TURBO	2527 0110 0173	90	100
TATA 1109 TURBO	2527 0110 0173 2527 0110 0145 2527 0110 0127	90 90	100 100



Suitable for Shibaaura Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
SHIBAURA	N764	15	16
SHIBAURA 404-C22 / 404D-22T	SBA111010480, SBA111010481, SBA111010511, 111017930, 111017870, 217-1481, 319-7269	20	22
SHIBAURA 404-C	SHIBAURA	20	22



Suitable for Volvo Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
TD 60	465.741 / 465.728	28	31
TD 100	467870	15	17
TD 45	4804708	39	43
TD 101/102	425845 / 8.194.450 / 8.194.451	16	18
TD 120/ 121	470332 / 470244 / 478128	18.5	21
TD 122/ 123	478903 / 425559	18.5	21



Suitable for Yenmar Heads

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
YENMAR	3T90T-J	21	23

