

LIST OF SINTERED OIL PUMP GEROTORS WITH SALIENT FEATURES & DISPLACEMENT

Dated:
25-MAR-2022

S. No.	Drawing Number	Part Number	Rotor Type	Part Description	O.D. of Outer Rotor (mm)	I.D. of Inner Rotor (mm)	Eccentricity (mm)	Height (mm)		**Displacement Per Revolution in (Cubic Centimeters)			Calculated Displacement at 1500 RPM & at Working Pressure of 5 Bars in (Liters Per Minute)	
								Minimum Height	Maximum Height	Per cm of Height	at Minimum Height	at Maximum Height	at Minimum Height	at Maximum Height
1	C10 086	PMP-663/664	3/4-A	3/4 Lobe Gerotor Set	42.00	12.65	2.794	6.00	38.00	3.85	2.31	14.63	3.47	21.95
2	C10 087	PMP-149/362	4/5-A	4/5 Lobe Gerotor Set	40.90	12.70	2.80	6.00	22.00	3.95	2.37	8.69	3.56	13.04
3	C10 088	PMP-611/612	4/5-B	4/5 Lobe Gerotor Set	49.10	12.70	3.505	6.00	37.00	5.75	3.45	21.27	5.18	31.91
4	C10 089	PMP-141/142/143	4/5-C	4/5 Lobe Gerotor Set	58.00	16.00	3.80	6.00	25.00	7.84	4.70	19.60	7.05	29.40
5	C10 090	PMP-559/560	4/5-D	4/5 Lobe Gerotor Set	61.03	15.86	4.00	6.00	40.00	8.87	5.32	35.48	7.98	53.22
6	C10 139	PMP-784/785	4/5-E	4/5 Lobe Gerotor Set	67.713	14.325	4.78	6.00	45.00	11.48	6.88	51.66	10.32	77.49
7	C10 091	PMP-582/583	6/7-A	6/7 Lobe Gerotor Set	69.65	24.68	3.56	6.00	35.00	10.62	6.37	37.17	9.56	55.76

**Displacement figures are taken at 95% of their Theoretical Values



**LIST OF SINTERED OIL PUMP GEROTORS
WITH SALIENT FEATURES & DISPLACEMENT**

Dated:
25-MAR-2022

S. No.	Drawing Number	Part Number	Rotor Type	Part Description	O.D. of Outer Rotor (mm)	I.D. of Inner Rotor (mm)	Eccentricity (mm)	Height (mm)		**Displacement Per Revolution in (Cubic Centimeters)			Calculated Displacement at 1500 RPM & at Working Pressure of 5 Bars in (Liters Per Minute)	
								Minimum Height	Maximum Height	Per cm of Height	at Minimum Height	at Maximum Height	at Minimum Height	at Maximum Height
8	C10 092	PMP-674/675	6/7-B	6/7 Lobe Gerotor Set	69.65	12.65	3.56	6.00	45.00	10.62	6.37	47.79	9.56	71.69
9	C10 093	PMP-651/652	7/8-A	7/8 Lobe Rotor Set	23.00	9.00	1.065	6.00	25.00	1.04	0.63	2.60	0.95	3.90
10	C10 094	PMP-458/459	8/9-A	8/9 Lobe Gerotor Set	25.00	9.00	0.84	6.00	19.00	0.85	0.51	1.62	0.77	2.43
11	C10 095	PMP-685/686	8/9-B	8/9 Lobe Gerotor Set	38.00	12.70	1.326	6.00	30.00	2.03	1.22	6.09	1.83	9.14
12	C10 160	PMP-814/815	10/11-A	10/11 Lobe Gerotor Set	73.90	38.10	2.50	6.00	19.00	8.76	5.25	16.64	7.88	24.96

**Displacement figures are taken at 95% of their Theoretical Values