

LIST OF SINTERED OIL PUMP GEROTORS WITH APPLICATIONS

DATED: 25-MAR-2022

S. NO.	AEL PART NO.	PART DESCRIPTION	NO. OF LOBES	SPECIFICATIONS		ECCENTRICITY	APPLICATION	CALCULATED DISPLACEMENT	DISPLACEMENT AT 1500 RPM & AT WORKING PRESSURE OF 5 BARS	
	PMP/ 663	D + (00 + +)		Flat to Tip	25.08mm					
		Inner Rotor (03 Lobes) with Keyway	- 3/4 Lobe	Inner Diameter	12.65mm	- 2.794mm	Oil Pumps for Perkins	0.406 cc/rev/mm OR 14.20 cc/rev		
1		with Neyway		Height	35.40mm		Engines in Massey Ferguson Tractors		21.55 Liters/min.	
'	PMP/		3/4 LUDE	Outer Diameter	42.00mm	2.7 3411111			Z 1.55 LILEIS/IIIIII.	
	664	Outer Rotor		Form Diameter	25.19mm			14.20 00/100		
	004			Height (Max.)	35.40mm					
	DMD/			Tip Diameter	29.67 mm		Oil Pumps for Perkins Engines in Massey Ferguson Tractor Model # 135	0.416 cc/rev/mm OR 7.91 cc/rev		
	PMP/ 362	Inner Rotor (04 Lobes)	4/5 1 1	Inner Diameter	12.67 mm	2.800mm				
2	302			Height	19.00 mm				11.90 Liters /min	
2	D14D/	Outer Rotor	4/5 Lobe	Outer Diameter	40.90mm				11.90 Liters /min	
	PMP/ 149			Form Diameter	24.20mm			7.31 66/169		
				Height	19.00mm					
	PMP/ 611	Inner Rotor (04 Lobes)	- 4/5 Lobe	Tip Diameter	35.00mm	3.505mm	Oil Pumps for Sports Cars	0.575	30.62 Liters/min.	
				Inner Diameter	12.70mm					
3				Height	35.50mm			0.575 cc/rev/mm OR		
3	PMP/ 612	Outer Rotor		Outer Diameter	49.10mm			20.41 cc/rev	SU.DZ LITEIS/ITIIII.	
				Form Diameter	28.10mm			20.41 66/160		
				Height	35.50mm					
	DMD/	Inner Rotor (04 Lobes)		Tip Diameter	41.74 mm		Oil Pump for Industrial Applications		11.40 Liters/min.	
	PMP/ 141			Inner Diameter	16.00 mm					
				Height	09.64 mm					
	PMP/	Inner Rotor (04 Lobes) with 'D' Type ID		Tip Diameter	41.74 mm			0.794 cc/rev/mm		
4	143		4/5 Lobe	Inner Diameter	15.86 mm	3.800mm		OR		
				Height	09.64 mm			7.65 cc/rev.		
	PMP/	Outer Rotor		Outer Diameter	58.00 mm					
	142			Form Diameter	34.24 mm					
	172			Height	09.64 mm					
	PMP/ 559	Inner Rotor (04 Lobes)	- 4/5 Lobe	Tip Diameter	43.30mm					
				Inner Diameter	15.85mm	4.000mm		0.067.00/201/201/201		
5				Height	34.00mm		Oil Pumps for	0.867 cc/rev/mm OR	44.00 Liters/min.	
	PMP/ 560	Outer Rotor		Outer Diameter	61.03mm	4.000111111	Ford Transit vans	29.40 cc/rev.	74.00 LILGI 3/11III1.	
				Form Diameter	35.40mm			20.10 00/101.		
				Height	34.00mm					



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	PMP/ 784	Inner Rotor (04 Lobes) with Key Way		Tip Diameter	48.22mm		Oil Pump for Industrial Applications	1.148 cc/rev/mm OR		
			4/5 Lobe	Inner Diameter	14.325mm					
6				Height	25.4mm	4.775mm			43.74 Liters/min	
	PMP/ 785,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Outer Diameter	66.713 mm			14.58cc/rev.		
		Outer Rotor		Form Diameter	38.80mm					
				Height	25.4mm					
	PMP/	Inner Rotor (06 Lobes)		Tip Diameter	54.63mm	-	Oil Pumps for Perkins Engines in Massey Ferguson Tractor Model # 's 375 & 385			
	582	with Spline ID		Inner Diameter	24.68mm			1.06 cc/rev/mm OR 23.06 cc/rev		
7		·	6/7 Lobe	Height	21.75mm	3.560mm			34.60 Liters/min.	
	PMP/	Outer Rotor		Outer Diameter	69.65mm					
	583			Form Diameter	47.63mm	-				
				Height	21.75mm					
	PMP/ 674	Inner Rotor (06 Lobes)	- 6/7 Lobe	Tip Diameter Inner Diameter	54.63mm 12.65mm	3.560mm	Oil Pump for Ford Tractor Model 6610-7000 Series	1.06 cc/rev/mm		
				Height	44.70mm					
8				Outer Diameter	69.65mm			OR	71.00 Liters/min.	
	PMP/ 675	Outer Rotor		Form Diameter	47.65mm			47.38 cc/rev		
				Height	44.70mm					
				Tip Diameter	16.95mm					
	PMP/ 651	Inner Rotor (07 Lobes) with 'D' Shape Id	7/8 Lobe	Inner Diameter	9.00mm	1.065mm	Oil Pump for Honda Motorcycles 125cc engines	0.104 cc/rev/mm OR		
				Height	12.00mm					
9				Outer Diameter	23.00mm				1.87 Liters/min.	
	PMP/ 652	Outer Rotor		Form Diameter	14.95mm			1.24 cc/rev		
				Height	12.00mm					
	D14D/	Inner Rotor (Eight Lobe)		Tip Diameter	18.30mm		Oil Pumps for	0.085 cc/rev/mm		
	PMP/ 458		- 8/9 Lobe	Inner Diameter	9.00mm					
10				Height	6.88mm	0.844mm			0.88 Liters/min	
10	PMP/			Outer Diameter	25.00 mm	0.84411111	Automotive Applications	OR 0.585 cc/rev.	0.88 Liters/min	
	459	Outer Rotor		Form Diameter	16.68mm			0.565 CC/TeV.		
	409			Height	6.88mm					
	PMP/ 685	Inner Rotor (08 Lobes) With Square & Half-Moon Key Way	- 8/9 Lobe	Tip Diameter	26.40mm	1.326mm				
				Inner Diameter	12.70mm			0.203 cc/rev/mm		
11				Height	6.35mm		Oil Pumps for	0.203 cc/rev/mm OR	1.93 Liters/min	
''	PMP/ 686	Outer Rotor		Outer Diameter	38.00 mm	1.020111111	Automotive Applications	1.29 cc/rev.	1.30 LIGIS/IIIII	
				Form Diameter	23.80mm]		1.20 30/101.		
				Height	6.35mm				<u> </u>	

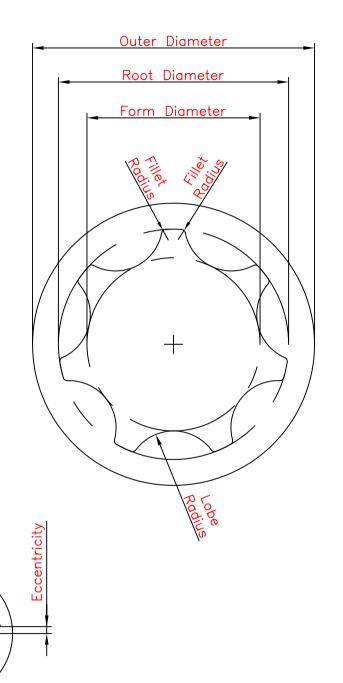


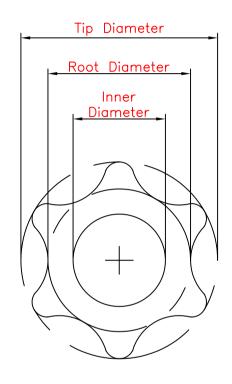
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	PMP/ 814	Inner Rotor (10 Lobes)	10/11 Lobe	Tip Diameter	60.40mm	2.500mm	Oil Pumps for Suzuki16100-82605	0.876 cc/rev/mm OR 7.87cc/rev.		
				Inner Diameter	38.1mm					
12				Height	8.00mm				10.51 Litres /min	
	PMP/ 815	Outer Rotor		Outer Diameter	73.9 mm				10.51 Littles /min	
				Form Diameter	55.5mm			7.07CC/TeV.		
				Height	8.00mm					

NOMENCLATURE OF GEROTORS (OIL PUMP)





Tolerance symbols forms & positions				Units	Replacement for	Drawn by	Checked b	y Approved	by	Proje	ction
Straightness — Surface Perpendicularity \(\pm\)				I.A.Qazi				_	_		
Flatness Ø	Profile C	+	Concentricity O			_ `	 	+		$\overline{}$	
Roundness O	Parallelism //	<u> </u>	Symmetry =		Material	Date	Date	Date		ててて	TUT
Cylindricity (C)	Position +	_	ar Runout 9 Runout 1	- NITE		24-12-14				7	\downarrow
Line Frome	Angularity Z	Tioldi	Nullout ,	1	<u>I</u>		1	+			
Application No. Pos. Index			Alteration					Dat	te Apr	roved	
adamjee Denomination:				:					ıg N	0.	Index
ENGINEERING 6/7 Lob				be Rotor Set Nomenclature					C10 113		