

## Technical data for OMP with 25 mm and 1 in cylindrical shaft

Type			OMP	OMP	OMP	OMP	OMP	OMP	OMP
Motor size			25	32	40	50	60	80	100
Geometric displacement	cm <sup>3</sup> [inch]		25.0 [1.53]	32.0 [1.96]	40.0 [2.45]	48.6 [2.97]	59.1 [3.61]	77.8 [4.76]	97.3 [5.95]
Max. speed	min <sup>-1</sup> [rpm]	cont.	1600	1560	1500	1230	1000	770	615
		int. <sup>1)</sup>	1800	1720	1750	1540	1250	960	770
Max. torque	N•m [lbf•in]	cont.	33 [290]	43 [380]	52 [460]	93 [820]	115 [1020]	150 [1330]	190 [1680]
		int. <sup>1)</sup>	47 [420]	61 [540]	74 [660]	120 [1060]	140 [1240]	190 [1680]	230 [2040]
		peak <sup>2)</sup>	67 [590]	86 [760]	107 [950]	140 [1240]	180 [1590]	220 [1950]	270 [2390]
Max. output	kW [hp]	cont.	4.5 [6.0]	5.8 [7.8]	7.0 [9.4]	10.0 [13.4]	10.0 [13.4]	10.0 [13.4]	11.0 [14.8]
		int. <sup>1)</sup>	6.1 [8.2]	7.8 [10.5]	10.6 [14.2]	12.0 [16.1]	12.0 [16.1]	12.0 [16.1]	13.0 [17.4]
Max. pressure drop	bar [psi]	cont.	100 [1450]	100 [1450]	100 [1450]	140 [2030]	140 [2030]	140 [2030]	140 [2030]
		int. <sup>1)</sup>	140 [2030]	140 [2030]	140 [2030]	175 [2540]	175 [2540]	175 [2540]	175 [2540]
		peak <sup>2)</sup>	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]
Max. oil flow	l/min [US gal/min]	cont.	40 [10.6]	50 [13.2]	60 [15.9]	60 [15.9]	60 [15.9]	60 [15.9]	60 [15.9]
		int. <sup>1)</sup>	45 [11.9]	55 [14.5]	70 [18.5]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]
Max. starting pressure with unloaded shaft	bar [psi]	standard	10 [145]	10 [145]	10 [145]	10 [145]	10 [145]	10 [145]	10 [145]
		free running gerotor	-	-	-	-	-	-	2 [29]
Min starting torque	at max. press drop cont.		30 [270]	40 [350]	45 [400]	80 [710]	100 [885]	135 [1200]	170 [1510]
	at max. press.drop int. <sup>1)</sup>		40 [350]	55 [490]	63 [560]	100 [890]	120 [1060]	170 [1510]	210 [1860]