

Motors - Fixed Displacement

Radial Piston

CALZONI®

MRT/MRTE/MRTF

MRD/MRDE

MR/MRE



- Double displacement motor (MRD, MRDE)
- High starting torque: from 90 % to 95 % of theoretical
- High control at very low speed
- High volumetric efficiency: up to 98 %
- Low noise
- Resistance to thermal shocks
- Reversibility
- Long bearing life
- Speed accessories, brakes....

Frame size MR	33	57	73	93	110	125	160	190	200	250	300	350	450	600	700	1100
Displacement (cm ³ /rev)	32	56	73	93	109	125	160	192	199	251	304	350	452	608	707	1126
Max cont pressure (bar)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Max operating speed (rpm)	1400	1300	1200	1150	1100	900	900	850	800	800	750	640	600	520	500	330
Max power (kW)	10	17	20	25	28	25	30	36	38	48	53	62	75	84	97	119

Frame size MR	1600	1800	2400	2800	3600	4500	6500	7000
Displacement (cm ³ /rev)	1598	1810	2393	2792	3637	4503	6460	6967
Max cont pressure (bar)	250	250	250	250	250	250	250	250
Max operating speed (rpm)	260	250	220	215	180	170	130	130
Max power (kW)	144	153	183	194	185	210	240	250

Frame size MRE	330	500	800	1400	2100	3100	5400	8200
Displacement (cm ³ /rev)	332	498	804	1370	2091	3104	5401	8226
Max cont pressure (bar)	210	210	210	210	210	210	210	210
Max operating speed (rpm)	750	600	450	280	250	215	160	120
Max power (kW)	49	70	93	102	148	190	210	250

Frame size MRD	300	450	700	1100	1800	2800	4500	7000
Displacement (cm ³ /rev)	304	452	707	1126	1810	2792	4503	6967
Max cont pressure (bar)	250	250	250	250	250	250	250	250
Max operating speed (rpm)	750	600	500	330	250	215	170	130
Max power (kW)	53	75	97	119	157	194	210	250

Frame size MRDE	330	500	800	1400	2100	3100	5400	8200
Displacement (cm ³ /rev)	332	498	804	1370	2091	3104	5401	8226
Max cont pressure (bar)	210	210	210	210	210	210	210	210
Max operating speed (rpm)	750	600	450	280	250	215	160	120
Max power (kW)	49	70	93	102	148	190	210	250

Frame size MRT	7100	9000	14000	17000	19500		MRTE	8500	10800	16500	20000	23000
Displacement (cm ³ /rev)	7104	9005	14010	16759	19508			8517	10802	16543	19788	23034
Max cont pressure (bar)	250	250	250	250	250			210	210	210	210	210
Max operating speed (rpm)	150	130	80	70	60			120	110	70	60	50
Max power (kW)	330	370	355	371	371			290	310	308	316	306

Frame size MRTF	7800	9900	15500	18000	21500
Displacement (cm ³ /rev)	7808	9904	15277	18025	21271
Max cont pressure (bar)	210	210	210	210	210
Max operating speed (rpm)	130	120	75	65	55
Max power (kW)	280	300	305	320	311