

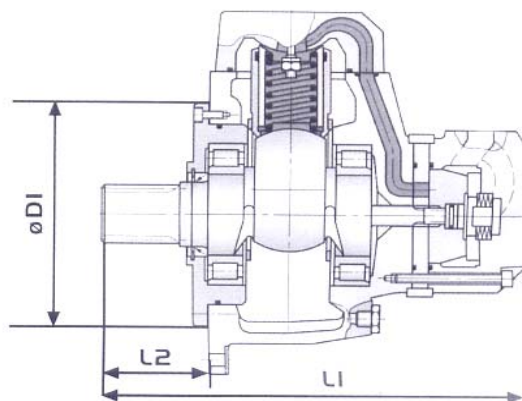
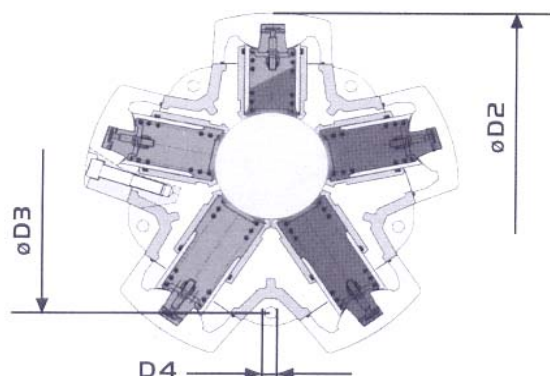
Radial Piston Hydraulic Motor

Ordering Code - Motor Type: MRC - MRCN

Code Example:	MRC	3600	L	-	N1	N1	N1	N1	N	**	※ MRC is 100% MR/MRE Equivalent
	MRCN	800	G	-	F1	N1	N1	N1	N	**	※ MRCN is MR/MRE in Intermot Mounting
SERIES						SPECIAL					
MRC : 250 Bar Cont., MR/ MRE Equivalent						** : Space Reserved to INTRACALZONI					
MRCN : 210 Bar Cont. , Intermot Mounting Interchangeable											
						DIRECTION OF ROTATION					
DISPLACEMENT						N : Standard Rotation (CW:inlet in A, CCW:inlet in B)					
See MRC/MRCN Displacement Table						S : Reversed Rotation (CW:inlet in B, CCW:inlet in A)					
						CONNECTION FLANGE OPTION					
HOUSING SIZE (COULD BE OMITTED)						N1 : None					
See MRC/MRCN Displacement Table						C1 : Standard INTRACALZONI					
						S1 : Standard SAE Metric					
SHAFT OPTION						T1 : Standard SAE UNC					
N1 : Spline DIN 5463 Standard						G1 : SAE 6000 psi Metric					
D1 : Spline DIN 5480						L1 : SAE 6000 psi UNC					
F1 : Female Spline DIN5480						S3 : Standard SAE Metric Motor Integrated					
P1 : Shaft with Key						G3 : SAE 6000 psi Metric Motor Integrated					
B1 : Spline BS 3550											
						SEALS OPTION					
SPEED SENSOR OPTION						N1 : NBR Mineral Oil Standard					
N1 : None						F1 : NBR, 15 Bar Shaft Seal					
Q1 : Encoder Drive						V1 : FPM Seal (Viton)					
C1 : Mechanical Tachometer Drive						U1 : No Shaft Seal (for Brake)					
T1 : Tachogenerator Drive											
M1 : Incremental Elcis Encoder (500 pulse/rev)-Uni Directional											
B1 : Incremental Elcis Encoder (501 pulse/rev)-Bi Directional											

MRC Series - Displacement Table

FIXED DISPLACEMENT MOTORS



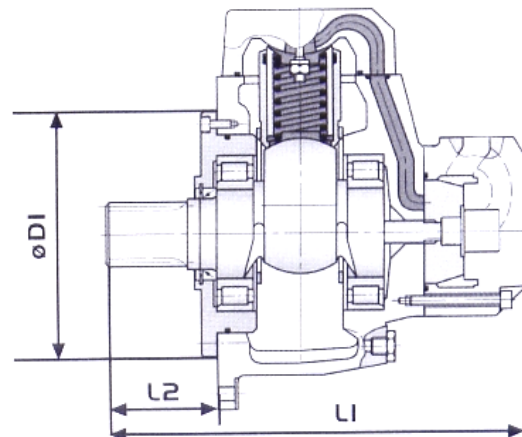
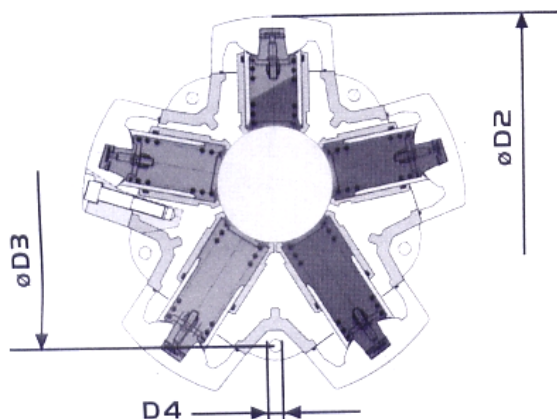
Model	Housing Size	Displ. (c.c.)	Max. Pressure (bar)		Specific Torque N.m / bar	Max. Speed ^(a*) (rpm)	Max. Power ^(a*) (kw)	Weight (kg)	L1 (mm)	L2 (mm)	ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	ØD4 (mm)
			Count.	Int.										
MRC-250	D	249.3	250	300	4.00	750	44	52	323.0	81.0	175.0	328.0	232.0	11.0
MRC-300	D	307.5	250	300	4.84	750	50	52						
MRC-330	D	332.4	250	300	5.28	650	46	52						
MRC-350	D	349.1	250	300	5.60	650	59	52						
MRC 400	D	398.1	250	300	6.34	600	67	52						
MRC-500	F	498.6	250	300	7.90	600	67	98	406.0	101.0	220.0	405.0	290.0	13.0
MRC-600	F	611.2	250	300	9.70	520	81	98						
MRC-650	F	659.5	250	300	10.46	520	87	98						
MRC-700	F	707.7	250	300	11.26	500	94	98						
MRC-800	F	804.3	250	300	12.80	450	90	98						
MRC 600I ^(b*)	G	611.2	250	300	9.70	520	81	98	406.0	101.0	256.0	405.0	300.0	14.0
MRC 700I ^(b*)	G	707.7	250	300	11.26	520	94	98						
MRC 800I ^(b*)	G	804.3	250	300	12.80	450	90	98						
MRC-1000	G	1,016.1	250	300	16.20	330	116	140	445.0	117.0	250.0	470.0	330.0	15.0
MRC-1100	G	1,125.8	250	300	17.93	330	116	140						
MRC-1200	G	1,237.1	250	300	19.70	300	116	140						
MRC-1400	G	1,369.5	250	300	21.81	280	99	140						
MRC-1600	H	1,608.1	250	300	25.60	250	137	227	503.0	133.0	290.0	558.0	380.0	17.0
MRC-1800	H	1,809.6	250	300	28.80	250	150	227						
MRC-2000	H	2,010.2	250	300	32.00	250	150	227						
MRC-2400	I	2,393.1	250	300	38.11	210	180	325	617.3	154.3	335.0	642.0	440.0	19.0
MRC-2800	I	2,792.1	250	300	44.46	210	182	325						
MRC-3100	I	3,103.7	250	300	49.92	210	182	325						
MRC-3600	L	3,636.8	250	300	57.90	180	182	508	700.4	209.9	400.0	756.0	540.0	23.0
MRC-4500	L	4,502.7	250	300	71.70	170	207							
MRC-5400	L	5,401.2	250	300	86.01	160	207	550						
MRC-6500	M	6,504.1	250	300	103.57	130	237	800	796.0	230.0	450.0	864.0	600.0	25.0
MRC-7000	M	6,995.0	250	300	111.39	130	247							
MRC-8500	M	8,525.6	250	300	135.60	130	247							
MRC-10000 ^(c*)	N	9,542.7	250	300	151.55	110	247	921	n/a	n/a	n/a	n/a	n/a	n/a

^(a*): Maximum value Obtainable with flushing ^(b*): Intermot Mounting Interchangeable ^(c*): Larger Displacements are available .Pls consult INTRACALZONI Hydraulics

The specified data are for product description purposes only and must not be interpreted as warranted characteristic in a legal sense. All rights reserved. Subject to revision.

MRCN Series - Displacement Table

RED DISPLACEMENT MOTORS



Model	Housing Size	Displ. (c.c.)	Max. Pressure (bar)		Specific Torque N.m / bar	Max. Speed ^(a*) (rpm)	Max. Power ^(a*) (kw)	Weight (kg)	L1 (mm)	L2 (mm)	ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	ØD4 (mm)
			Count.	Int.										
MRCN-200	E	201.1	210	300	3.18	750	34	48.0	277.5	77.0	190.0	307.0	210.0	12.5
MRCN-250	E	249.3	210	300	3.97	750	45							
MRCN-300	E	299.2	210	300	4.76	700	50							
MRCN-350	E	349.1	210	300	5.55	590	59							
MRCN-400L	E	366.2	210	300	5.80	550	59							
MRCN-400K	F	380.5	210	300	5.80	550	59	48.0	277.5	77.0	230.0	307.0	254.0	12.5
MRCN-400	F	398.1	210	300	6.34	550	67	50.0	296.0	82.0	230.0	328.0		
MRCN-450	F	449.2	210	300	7.16	550	72	62.0	328.5	90.0	230.0	381.0	254.0	16.0
MRCN-500	F	502.1	210	300	7.99	550	72							
MRCN-600	F	607.7	210	300	9.67	470	81							
MRCN-700	F	692.7	210	300	11.03	450	94							
MRCN-800	G	808.2	210	300	12.86	400	90	115.0	367.0	103.5	256.0	444.0	300.0	17.0
MRCN-1000	G	977.2	210	300	15.55	300	112							
MRCN-1100	G	1096.8	210	300	17.46	280	116							
MRCN-1200	G	1201.1	210	300	19.12	250	122							

(a*): Maximum value Obtainable with flushing (b*): Larger Displacements are available . Pls consult INTRACALZONI Hydraulics

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Radial Hydraulic Piston Motor

MRCN Series

Wide range of displacements available
Very high starting torque
Smooth rotation even at low speed
Very low noise level
Good resistance to thermal shock
Reversible
Long bearing life
Suitable for accurate control systems

