

- SERIE MRDV -

Riduttori a Vite Senza Fine -

MRDV Series Worm-Gear Speed Reducers



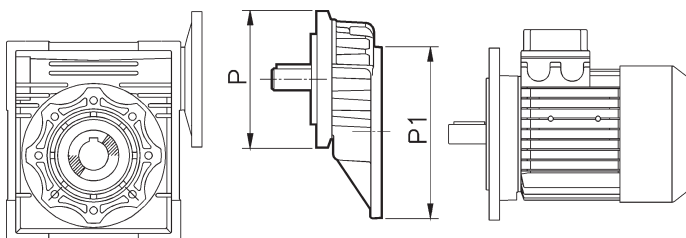
ELLE.GI SRL

Organi di Trasmissione



PC+MRDV PC+MRDV Combinations

MRDV	i	PC 063		PC 071		PC 080			PC 090		
		105 / 11 i = 3	105 / 14 i = 3	120 / 14 i = 3	120 / 19 i = 3	160 / 19 i = 3	160 / 24 i = 3	160 / 28 i = 3	160 / 19 i = 2.42	160 / 24 i = 2.42	160 / 28 i = 2.42
040	25										
	30										
	40										
	50										
	60										
	80										
050	100										
	25										
	30										
	40										
	50										
	60										
063	80										
	100										
	25										
	30										
	40										
	50										
075	60										
	80										
	100										
	25										
	30										
	40										
090	50										
	60										
	80										
	100										
	25										
	30										
110	40										
	50										
	60										
	80										
	100										
	25										
130	30										
	40										
	50										
	60										
	80										
	100										



	P1	P	P*
PC 063	63B5-140/11	105/11	105/14*
PC 071	71B5-160/14	120/14	120/19*
PC 080	80B5-200/19	160/19	160/24* 160/28*
PC 090	90B5-200/24	160/24	160/19* 160/28*

(*) MODELLO NON STANDARD
(*) Nonstandard model



Posizioni di montaggio - Mounting positions

MRDV - RDV			
MRDV...U - B3	B6	V5	V6

PC - MRDV			
MRDV...U - B3	B6	V5	V6

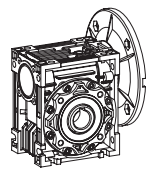
La versione "U" è relativa alla grandezza 25 sino alla 75. Per le altre grandezze non è necessario specificare la posizione di montaggio.


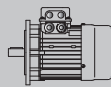

- **Per le posizioni verticali vedere tabella a pagina 13;**
- **Se non è specificata la posizione di montaggio verrà considerata quella standard in B3;**
- **Per altre posizioni consultare il nostro ufficio tecnico.**

"U" version is related to sizes from 025 to 075. For these sizes it is not necessary to specify mounting position.

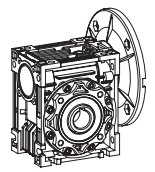
- For vertical positions, please refer to the table on page 13.
- Unless specified otherwise, the standard positions are B3.
- For positions not envisaged, it is necessary to call our Technical Service.


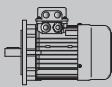

PRESTAZIONI - PERFORMANCE PARAMETER



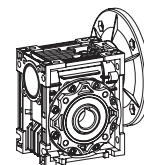
P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	i	Fr_2 [N]	f_s			
0.75	12.4	393	73	9614	3.2	PC090+MRDV110	90S6	71
	9.3	508	96.8	10320	2.3			
	7.4	607	121	10320	1.8			
	6.2	682	145.2	10320	1.5			
	4.6	832	193.6	10320	1			
	9.3	446	300	10320	2.8	MRDV050+110	8012	74
	7	563	400	10320	2.1			
	5.6	687	500	10320	1.6			
	4.7	871	300	10320	1.5	MRDV050+110	8024	74
	3.5	1126	400	10320	1.1			
	11.3	407	80	12989	2.1	MRDV130	90S6	67
	9	470	100	13500	1.7			
	5.8	712	240	13500	1.4	PC080+MRDV130	8024	71
	4.7	813	300	13500	1.1			
	12.4	399	73	12575	4.4	PC090+MRDV130	90S6	71
9.3	508	96.8	13500	3.2				
7.4	607	121	13500	2.6				
6.2	682	145.2	13500	2.1				
4.6	832	193.6	13500	1.5				
3.7	944	242	13500	1.2				
2.8	1358	500	13500	1.1	MRDV063+130	8024	75	
2.3	1631	600	13500	1				
1.9	2005	750	13500	0.9				
1.6	2283	900	13500	0.8				
1.1	373.3	25	7.5	1433	2.1	MRDV050	8022	62
	280	33	10	1577	1.6			
	186.7	48	15	1805	1.2			
	140	62	20	1987	0.9			
	186.7	48	15	2359	2.1	MRDV063	8022	63
	140	63	20	2597	1.6			
	112	77	25	2797	1.2			
	93.3	88	30	2973	1.4			
	70	113	40	3272	1			
	120	76	7.5	2734	2	MRDV063	90L6	63
	90	99	10	3009	1.5			
	60	142	15	3444	1.1			
	45	180	20	3791	0.8			


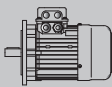

PRESTAZIONI - PERFORMANCE PARAMETER

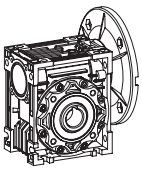


P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	i	Fr_2 [N]	f_s			
1.1	12.4	576	73	9614	2.2	PC090+MRDV110	90L6	70
	9.3	746	96.8	10320	1.6			
	7.4	890	121	10320	1.2			
	6.2	1000	145.2	10320	1			
	19.3	392	73	8298	2.5	PC090+MRDV110	90S4	70
	14.5	508	96.8	9133	1.8			
	11.6	599	121	9838	1.5			
	9.6	686	145.2	10320	1.1			
	7.2	828	193.6	10320	0.8			
	9.3	654	300	10320	1.9	MRDV050+110	8022	73
	7	845	400	10320	1.4			
	5.6	1007	500	10320	1.1			
	11.3	598	80	12989	1.4	MRDV130	90L6	66
	9	689	100	13500	1.1			
	17.5	408	80	11210	2.1	MRDV130	90S4	66
	14	480	100	12076	1.5			
	12.4	585	73	12575	3	PC090+MRDV130	90L6	70
	9.3	746	96.8	13500	2.2			
	7.4	890	121	13500	1.7			
	6.2	1000	145.2	13500	1.4			
	4.6	1220	193.6	13500	1			
	19.3	398	73	10853	3.5			
	14.5	508	96.8	11945	2.6			
	11.6	608	121	12868	2			
9.6	686	145.2	13500	1.6				
7.2	843	193.6	13500	1.2				
5.8	962	242	13500	0.9				
4.7	1312	300	13500	1.3	MRDV063+130	90S4	74	
3.5	1671	400	13500	1				
2.8	1991	500	13500	0.8				
1.5	373.3	35	7.5	1433	1.5	MRDV050	80C2	61
	280	45	10	1577	1.2			
	186.7	65	15	1805	0.9			
	186.7	68	7.5	2359	1.9	MRDV063	90L4	62
	140	89	10	2597	1.5			
	93.3	127	15	2973	1.1	MRDV063	90L4	62
	70	166	20	3272	0.8			


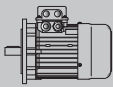

PRESTAZIONI - PERFORMANCE PARAMETER



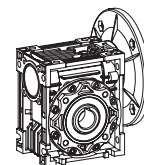
P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	i	Fr_2 [N]	f_s			
1.5	35	319	40	6803	2.2	MRDV110	90L4	65
	28	384	50	7328	1.7			
	23.3	442	60	7787	1.4			
	17.5	548	80	8571	0.9			
	46.7	236	60	6181	2	MRDV110	90S2	65
	35	299	80	6803	1.3			
	28	353	100	7328	1			
	19.3	535	73	8298	1.9	PC090+MRDV110	90L4	70
	14.5	693	96.8	9133	1.3			
	11.6	817	121	9838	1.1			
	9.6	936	145.2	10320	0.8			
	9.3	891	300	10320	1.4	MRDV050+110	90S2	73
	7	1153	400	10320	1			
	5.6	1373	500	10320	0.8			
	22.5	478	40	10309	2.3	MRDV130	100L6	66
	18	573	50	11105	1.8			
15	659	60	11801	1.4	MRDV130	100L6	66	
11.3	815	80	12989	1.1				
17.5	557	80	11210	1.5	MRDV130	90L4	66	
14	655	100	12076	1.1				
19.3	542	73	10853	2.6	PC090+MRDV130	90L4	70	
14.5	693	96.8	11945	1.9				
11.6	830	121	12868	1.5				
9.6	936	145.2	13500	1.1				
7.2	1149	194	13500	0.8				
9.3	915	300	13500	1.9	MRDV063+130	90S2	74	
7	1166	400	13500	1.4				
5.6	1389	500	13500	1.1				
4.7	1789	300	13500	1	MRDV063+130	90L4	74	
3.5	2279	400	13500	0.7				
2.2	373.3	51	7.5	1873	1.8	MRDV063	90L2	62
	280	67	10	2061	1.5			
	186.7	97	15	2359	1.1			
	186.7	100	7.5	2785	1.8	MRDV075	100LA4	63
	140	132	10	3065	1.5			
	93.3	191	15	3509	1			


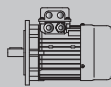



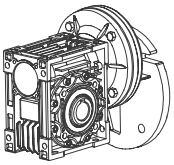
PRESTAZIONI - PERFORMANCE PARAMETER

P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	i	Fr_2 [N]	fs			
2.2	373.3	51	7.5	2210	2.5	MRDV075	90L2	63
	280	68	10	2433	2.1			
	186.7	98	15	2785	1.5			
	140	128	20	3065	1.3			
	112	156	25	3302	1			
	93.3	180	30	3509	0.9			
	186.7	101	7.5	3081	2.9	MRDV090	100LA4	64
	140	134	10	3391	2.3			
	93.3	194	15	3882	1.9			
	70	252	20	4273	1.4			
	56	308	25	4603	1.1			
	46.7	351	30	4891	1.2			
	120	156	7.5	3570	2.2	MRDV090	112M6	64
	90	203	10	3929	1.8			
	60	294	15	4498	1.4			
	45	378	20	4951	1			
	140	131	20	3391	2	MRDV090	90L2	64
	112	159	25	3653	1.6			
	93.3	185	30	3882	1.7			
	70	237	40	4273	1.2			
	56	285	50	4603	0.9			
	70	255	20	5399	2.5	MRDV110	100LA4	65
	56	315	25	5816	2.2			
	46.7	356	30	6181	2			
	35	468	40	6803	1.5			
	28	563	50	7328	1.2			
	23.3	648	60	7787	1			
	90	205	10	4965	3.5	MRDV110	112M6	65
	60	298	15	5684	2.6			
	45	388	20	6256	1.9			
	36	473	25	6739	1.6			
	30	532	30	7161	1.6			
	112	163	25	4616	3.1	MRDV110	90L2	65
	93.3	187	30	4905	3			
	70	246	40	5399	2.1			
	56	296	50	5816	1.7			
	46.7	347	60	6181	1.4			
	38.6	398	73	6586	2.1	PC090+MRDV110	90L2	70
	28.9	516	96.8	7249	1.5			
	23.1	617	121	7809	1.2			

PRESTAZIONI - PERFORMANCE PARAMETER

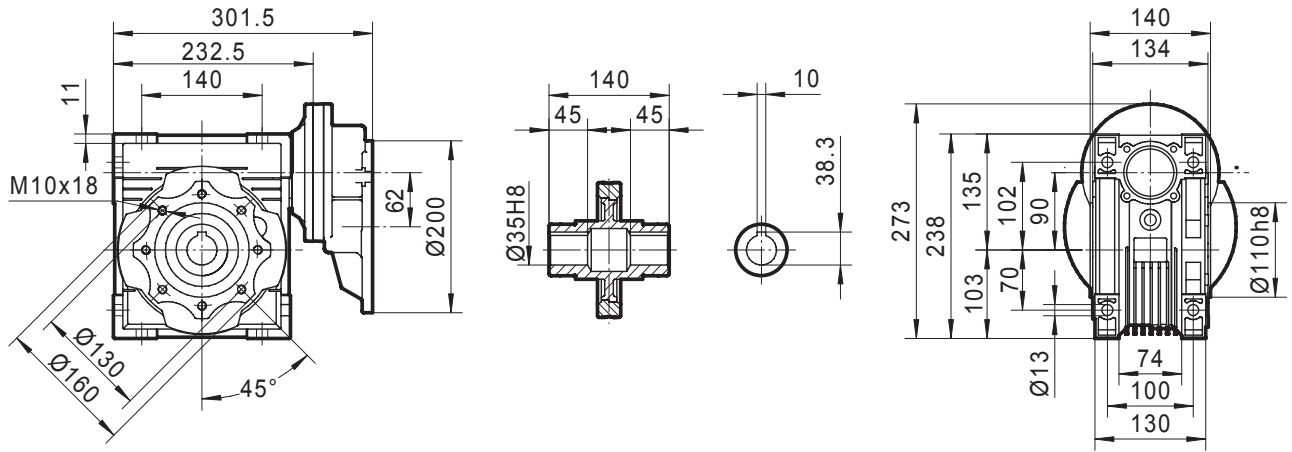


P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	i	Fr_2 [N]	fs						
2.2	35	468	40	8897	2.2	MRDV130	100LA4	66			
	28	563	50	9584	1.7						
	23.3	648	60	10185	1.4						
	17.5	816	80	11210	1						
	36	479	25	8814	2.2	MRDV130	112M6	66			
	30	546	30	9366	2.1						
	22.5	700	40	10309	1.6						
	18	840	50	11105	1.2	MRDV130	112M6	66			
	15	966	60	11801	1						
	35	438	80	8897	1.3	MRDV130	90L2	66			
	28	525	100	9584	1						
	38.6	409	73	8614	2.9	PC090+MRDV130	90L2	70			
28.9	545	96.8	9481	2							
23.1	654	121	10213	1.6							
19.3	752	145.2	10853	1.3							
3	373.3	70	7.5	2210	1.9	MRDV075	100L2	63			
	280	92	10	2433	1.6						
	186.7	137	7.5	2785	1.4	MRDV075	100LB4	63			
	140	180	10	3065	1.1						
	93.3	261	15	3509	0.8						
	373.3	71	7.5	2446	3	MRDV090	100L2	64			
	280	92	10	2692	2.6						
	186.7	138	7.5	3081	2.1	MRDV090	100LB4	64			
	140	182	10	3391	1.7						
	93.3	264	15	3882	1.4						
	70	344	20	4273	1						
	56	420	25	4603	0.8						
	46.7	479	30	4891	0.9						
	93.3	264	15	4905	2.5				MRDV110	100LB4	64
	70	348	20	5399	1.9						
	56	430	25	5816	1.6						
	46.7	485	30	6181	1.5						
	35	638	40	6803	1.1						
	28	767	50	7328	0.9						
	120	212	7.5	4511	3.1	MRDV110	132S6	64			
	90	280	10	4965	2.5						
	60	406	15	5684	1.9						
	45	528	20	6256	1.4						

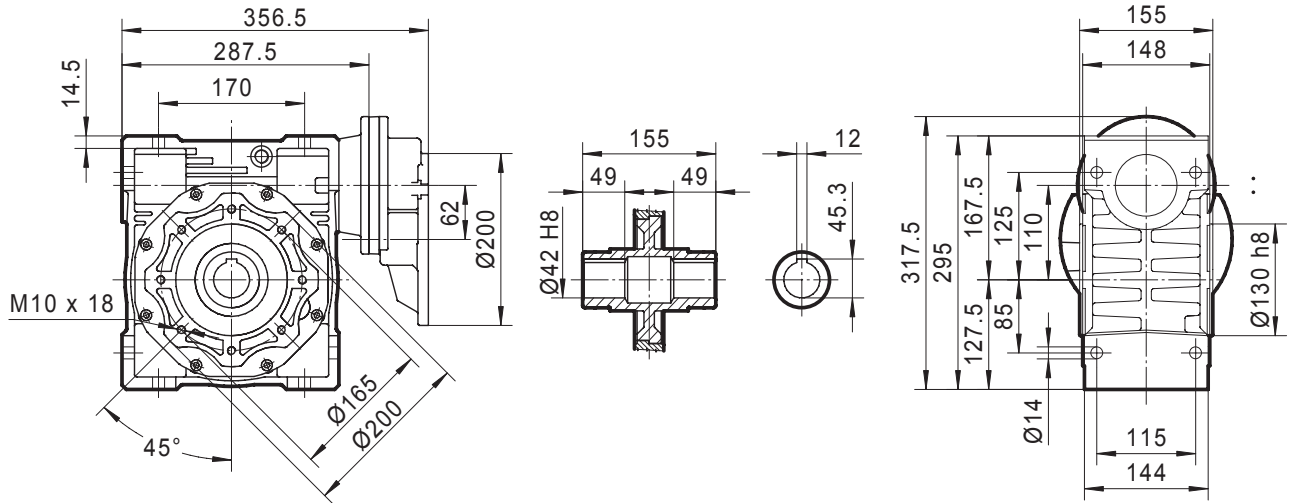


DIMENSIONI MRDV - MRDV SERIES DIMENSIONS

PC080 + MRDV090



PC080 + MRDV110 PC090 + MRDV110



PC080 + MRDV130 PC090 + MRDV130

