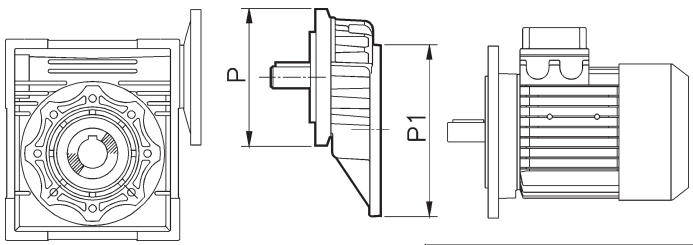
- SERIE MRDV -
Riduttori a Vite Senza Fine -
MRDV Series Worm-Gear Speed Reducers

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	■									
	100	■									
050	25		■	■	■						
	30		■	■	■						
	40	■	■	■							
	50	■	■	■							
	60	■	■	■							
	80	■	■	■							
	100	■									
063	25				■						
	30				■						
	40		■	■	■						
	50		■	■	■						
	60		■	■	■						
	80		■	■							
	100		■	■							
075	25				■	■	■		■	■	
	30				■	■	■		■	■	
	40				■	■	■		■	■	
	50			■	■	■			■		
	60			■	■	■			■		
	80			■	■	■			■		
	100			■	■	■			■		
090	25						■	■		■	■
	30						■	■		■	■
	40				■	■	■		■	■	
	50				■	■	■		■	■	
	60				■	■	■		■	■	
	80				■	■			■		
	100				■	■			■		
110	25						■	■		■	■
	30						■	■		■	■
	40						■	■		■	■
	50						■	■		■	■
	60						■	■		■	■
	80					■	■	■	■	■	
	100					■	■		■	■	
130	25							■			■
	30							■			■
	40							■			■
	50							■			■
	60							■			■
	80						■	■		■	■
	100						■	■		■	■

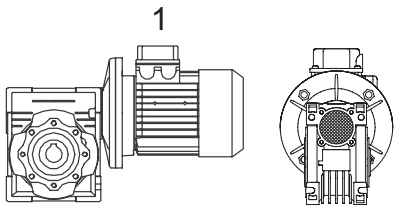
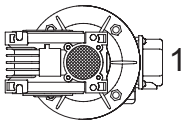
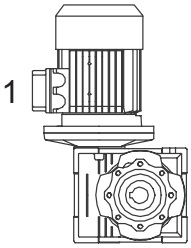
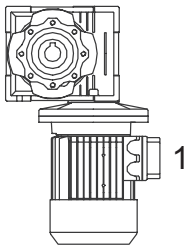
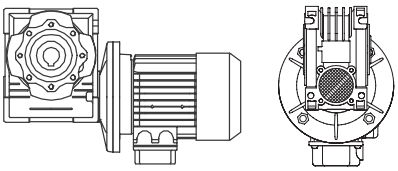
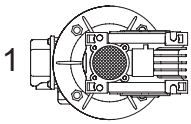


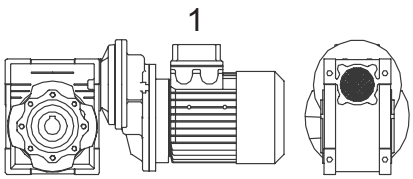
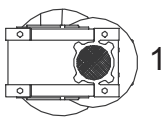
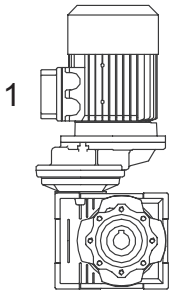
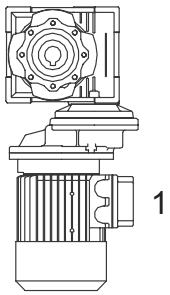
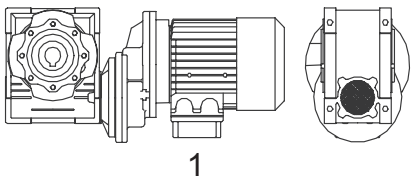
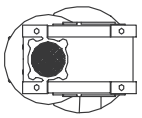
	P1	P	P*
PC 063	63B5-140/11	105/11	105/14*
PC 071	71B5-160/14	120/14	120/19*
PC 080	80B5-200/19	160/19	160/24* 160/28*
PC 090	90B5-200/24	160/24	160/19* 160/28*

(*) MODELLO NON STANDARD

(*) Nonstandard model

Posizioni di montaggio - Mounting positions

MRDV - RDV			
MRDV...U - B3	**B6**	**V5**	**V6**
			
B8	**B7**		
			

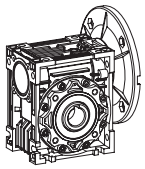
PC - MRDV			
MRDV...U - B3	**B6**	**V5**	**V6**
			
B8	**B7**		
			

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

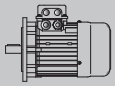
- **Per le posizioni verticali vedere tabella a pagina 13;**
- **Se non è specificata la posizione di montaggio verrà considerata quella standard in B3;**
- **Per altre posizioni consultare il nostro ufficio tecnico.**

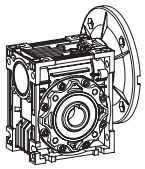
"**U**" version is related to sizes from 025 to 075. For these sizes it is not necessary to specify mounting position.

- 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.



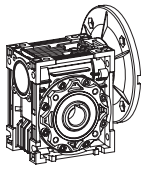
PRESTAZIONI - PERFORMANCE PARAMETER

P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	i	Fr_2 [N]	fs			
0.37	18	126	50	6073	1.8	**MRDV075**	**8016**	63
	15	144	60	6453	1.5			
	11.3	173	80	7103	1.2			
	9	196	100	7380	1			
	18.7	138	75	6000	1.8	**PC071+MRDV075**	**7124**	69
	15.6	154	90	6375	1.9			
	11.7	191	120	7017	1.5			
	9.3	223	150	7380	1.1			
	7.8	254	180	7380	0.9			
	12	206	75	6952	1.6	**PC080+MRDV075**	**8016**	69
	10	230	90	7380	1.7			
	7.5	283	120	7380	1.3			
	6	324	150	7380	1			
	4.7	405	300	7380	1	**MRDV040+075**	**7124**	73
	3.5	498	400	7380	0.7			
	11.3	185	80	7859	1.7	**MRDV090**	**8016**	64
	9	212	100	8180	1.3			
	7.8	268	180	8180	1.5	**PC071+MRDV090**	**7124**	69
	5.8	321	240	8180	1.1			
	4.7	371	300	8180	0.9			
	6	347	150	8180	1.6	**PC080+MRDV090**	**8016**	70
	5	389	180	8180	1.3			
	3.8	471	240	8180	1			
	4.7	402	300	8180	1.5	**MRDV040+090**	**7124**	73
	3.5	523	400	8180	1.2			
	2.8	611	500	8180	0.9			
	2.3	757	600	8180	0.8			
	3.8	509	240	10320	1.6	**PC080+MRDV110**	**8016**	70
	3	577	300	10320	1.3			
	1.9	950	750	10320	1.3	**MRDV050+110**	**7124**	73
	1.6	1079	900	10320	1.2			
	1.2	1396	1200	10320	0.8			
	0.9	1674	1500	13500	1.1	**MRDV063+130**	**7124**	74
	0.78	1887	1800	13500	0.9			
0.55	373.3	13	7.5	1044	2.2	**MRDV040**	**7122**	60
	280	17	10	1149	1.8			
	186.7	24	15	1315	1.3			
	140	31	20	1447	0.9			
	112	37	25	1559	0.8			

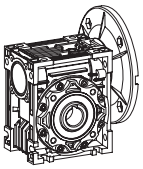


PRESTAZIONI - PERFORMANCE PARAMETER

P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	i	Fr_2 [N]	fs			
0.55	30	128	30	5122	2	**MRDV075**	**8026**	65
	22.5	159	40	5637	1.5			
	18	187	50	6073	1.2			
	15	214	60	6453	1			
	18.7	205	75	6000	1.2	**PC080+MRDV075**	**8014**	69
	15.6	230	90	6375	1.3			
	11.7	284	120	7017	1			
	9.3	332	150	7380	0.8			
	12	306	75	6952	1.1	**PC080+MRDV075**	**8026**	69
	10	341	90	7380	1.1			
	17.5	189	80	6783	1.5	**MRDV090**	**8014**	64
	14	221	100	7306	1.2			
	18	198	50	6719	2	**MRDV090**	**8026**	64
	15	224	60	7140	1.6			
	11.3	275	80	7859	1.1			
	9	315	100	8180	0.9			
	15.6	240	90	7054	2.3	**PC080+MRDV090**	**8014**	70
	11.7	297	120	7764	1.6			
	9.3	355	150	8180	1.3			
	7.8	398	180	8180	1			
	10	357	90	8174	2	**PC080+MRDV090**	**8026**	70
	7.5	441	120	8180	1.4			
	6	516	150	8180	1.1			
	5	578	180	8180	0.9			
	9.3	306	300	8180	2	**MRDV040+090**	**7122**	73
	7	403	400	8180	1.5			
	5.6	470	500	8180	1.2			
	17.5	201	80	8571	2.6	**MRDV110**	**8014**	65
	14	236	100	9232	2			
	11.3	294	80	9931	1.9	**MRDV110**	**8026**	65
	9	338	100	10320	1.5			
	7.8	425	180	10320	1.8	**PC080+MRDV110**	**8014**	70
	5.8	513	240	10320	1.3			
	4.7	597	300	10320	1			
	7.5	462	120	10320	2.6	**PC080+MRDV110**	**8026**	70
	6	552	150	10320	2			
	5	620	180	10320	1.6			
	3.8	756	240	10320	1.1			

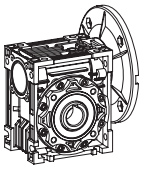


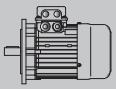
P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	i	Fr_2 [N]	fs			
0.55	4.7	639	300	10320	2	**MRDV050+110**	**8014**	73
	3.5	826	400	10320	1.4			
	2.8	984	500	10320	1.1			
	2.3	1181	600	10320	1			
	1.9	1411	750	10320	0.9			
	3.8	756	240	13500	1.6	**PC080+MRDV130**	**8026**	70
	3	858	300	13500	1.3			
	2.8	996	500	13500	1.6	**MRDV063+130**	**8014**	74
	1.9	1471	750	13500	1.2			
	1.2	2132	1200	13500	0.8			
0.75	373.3	17	7.5	1433	3	**MRDV050**	**8012**	61
	280	23	10	1577	2.4			
	186.7	33	15	1805	1.7			
	140	42	20	1987	1.3			
	112	51	25	2140	1			
	93.3	58	30	2274	1.1			
	186.7	34	7.5	1805	2.1	**MRDV050**	**8024**	61
	140	44	10	1987	1.6			
	93.3	63	15	2274	1.2			
	70	81	20	2503	0.9			
	140	43	20	2597	2.3	**MRDV063**	**8012**	62
	112	52	25	2797	1.8			
	93.3	60	30	2973	2			
	70	77	40	3272	1.4			
	56	91	50	3524	1.1			
	46.7	104	60	3745	0.9			
	93.3	64	15	2973	2.2	**MRDV063**	**8024**	62
	70	83	20	3272	1.6			
	56	100	25	3524	1.3			
	46.7	114	30	3745	1.4			
	35	143	40	4122	1			
	120	52	7.5	2734	2.9	**MRDV063**	**90S6**	62
	90	68	10	3009	2.3			
	60	97	15	3444	1.6			
	45	123	20	3791	1.2			
	36	149	25	4084	0.9			
	30	167	30	4339	1			
	46.7	109	60	4421	1.3	**MRDV075**	**8012**	63
	28	156	100	5241	0.8			

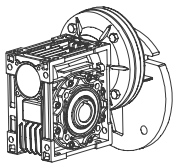


PRESTAZIONI - PERFORMANCE PARAMETER

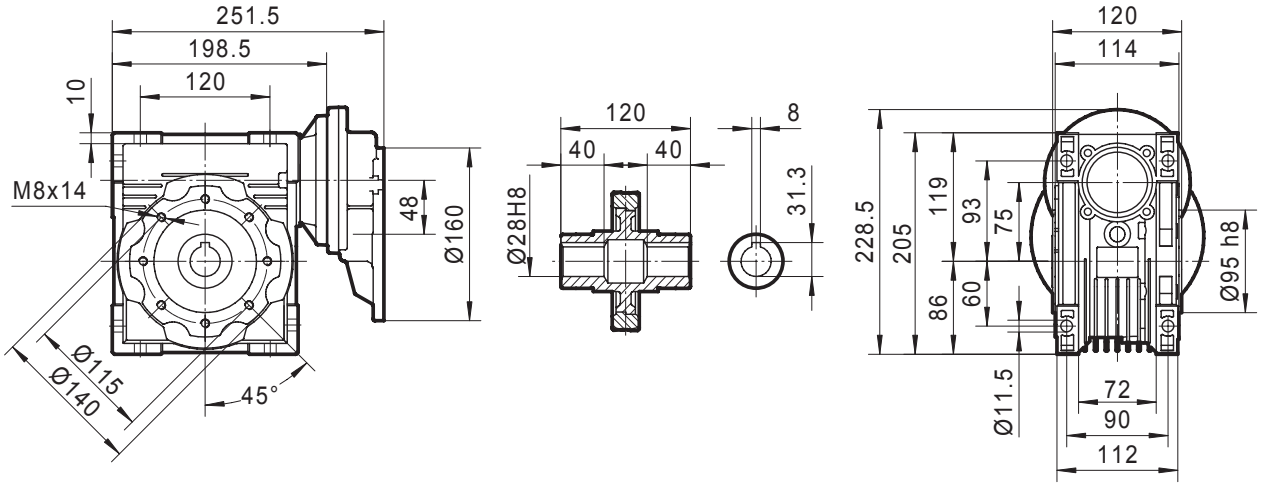
P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	i	Fr_2 [N]	fs			
0.75	56	102	25	4160	2	**MRDV075**	**8024**	63
	46.7	117	30	4421	2			
	35	147	40	4865	1.5			
	28	177	50	5241	1.2			
	23.3	200	60	5569	1			
	60	98	15	4065	2.4	**MRDV075**	**90S6**	63
	45	126	20	4474	1.9			
	36	153	25	4820	1.4			
	30	174	30	5122	1.5			
	22.5	216	40	5637	1.1			
	18.7	280	75	6000	0.9	**PC080+MRDV075**	**8024**	69
	15.6	313	90	6375	1			
	35	141	80	5383	1.6	**MRDV090**	**8012**	64
	28	166	100	5799	1.2			
	28	184	50	5799	1.8	**MRDV090**	**8024**	64
	23.3	212	60	6163	1.5			
	17.5	258	80	6783	1.1			
	14	302	100	7306	0.9			
	30	179	30	5667	2.6	**MRDV090**	**90S6**	64
	22.5	226	40	6238	1.8			
	18	271	50	6719	1.4			
	15	306	60	7140	1.1			
	15.6	327	90	7054	1.7	**PC080+MRDV090**	**8024**	70
	11.7	405	120	7764	1.2			
	9.3	483	150	8180	0.9			
	7.8	543	180	8180	0.7			
	7	549	400	8180	1.1	**MRDV040+090**	**8012**	73
	5.6	642	500	8180	0.9			
	17.5	274	80	8571	1.9	**MRDV110**	**8024**	65
	14	322	100	9232	1.5			
	15	325	60	9023	2.1	**MRDV110**	**90S6**	65
	11.3	401	80	9931	1.4			
	9	462	100	10320	1.1			
	11.7	430	120	9811	2.2	**PC080+MRDV110**	**8024**	70
	9.3	506	150	10320	1.7			
	7.8	580	180	10320	1.3			
	5.8	700	240	10320	0.9			



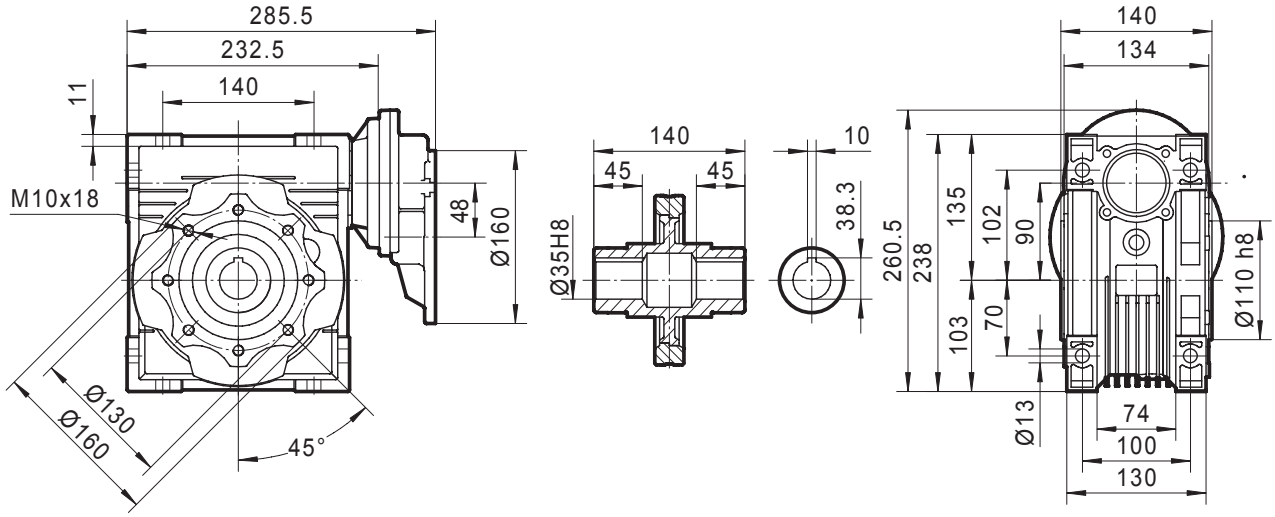
P_1 [kW]	n_2 [min^{-1}]	M_2 [Nm]	i	Fr_2 [N]	fs			
0.75	12.4	393	73	9614	3.2	**PC090+MRDV110**	**90S6**	71
	9.3	508	96.8	10320	2.3			
	7.4	607	121	10320	1.8			
	6.2	682	145.2	10320	1.5			
	4.6	832	193.6	10320	1			
	9.3	446	300	10320	2.8	**MRDV050+110**	**8012**	74
	7	563	400	10320	2.1			
	5.6	687	500	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			



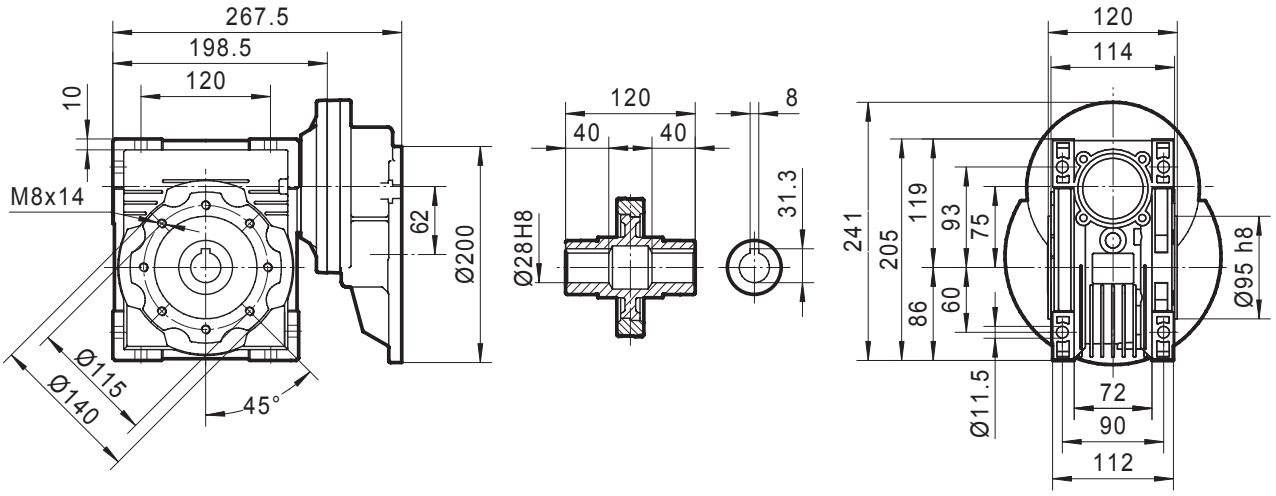
PC**071** + MRDV**075**



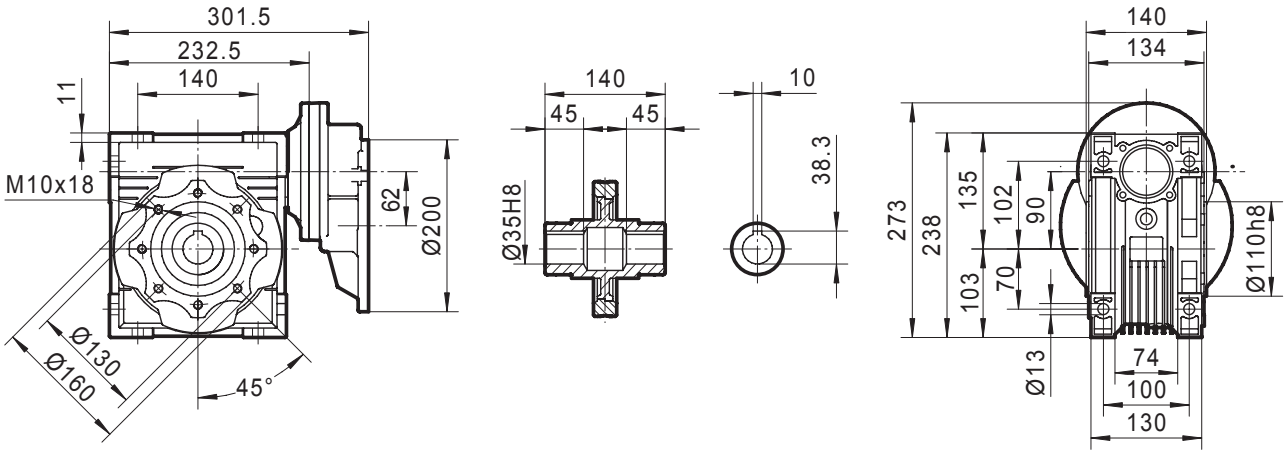
PC**071** + MRDV**090**



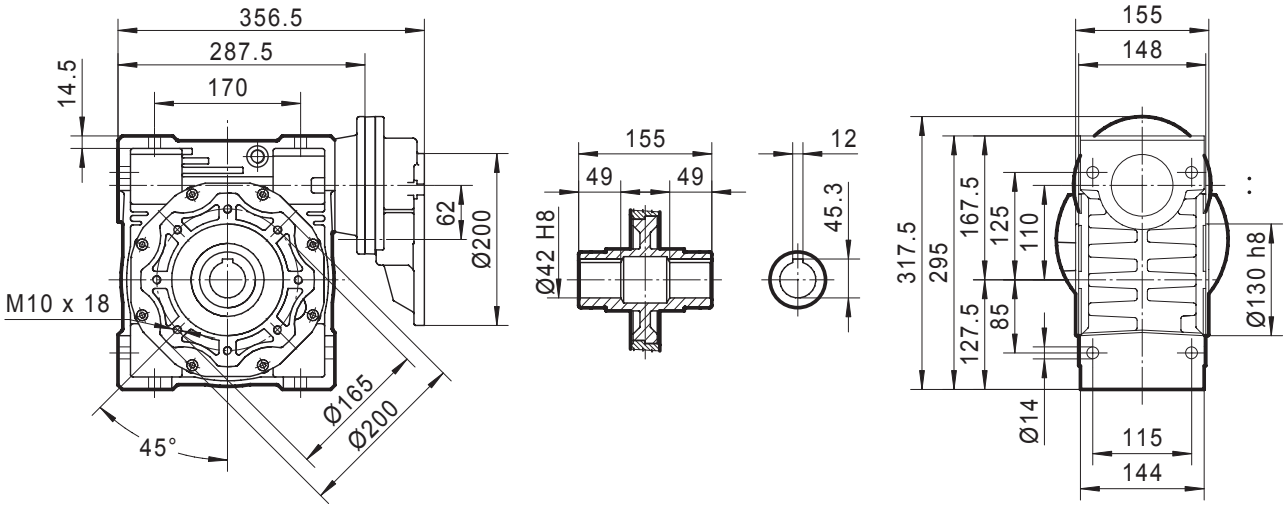
PC**080** + MRDV**075**



PC**080** + MRDV**090**



PC**080** + MRDV**110**
PC**090** + MRDV**110**



PC**080** + MRDV**130**
PC**090** + MRDV**130**