

# Hydraulic power packs type RZ

- Cover plate versions
- Individual components

Two stage valve type RZ D 6910  
 Motor pumps and hydraulic power packs type RZ D 6910 H  
 Motor pumps and hydraulic power packs type R and RG D 6010 H

All power packs listed in D 6910 H are also available as cover plate versions i.e. otherwise complete but no tank.  
 The tanks are customer furnished.

Order example:

**RZ 6,1/2 - 12,3 / D 100-2 V 5,5 - CR 4M-200/30 3 ~ 230/400V 50 Hz**

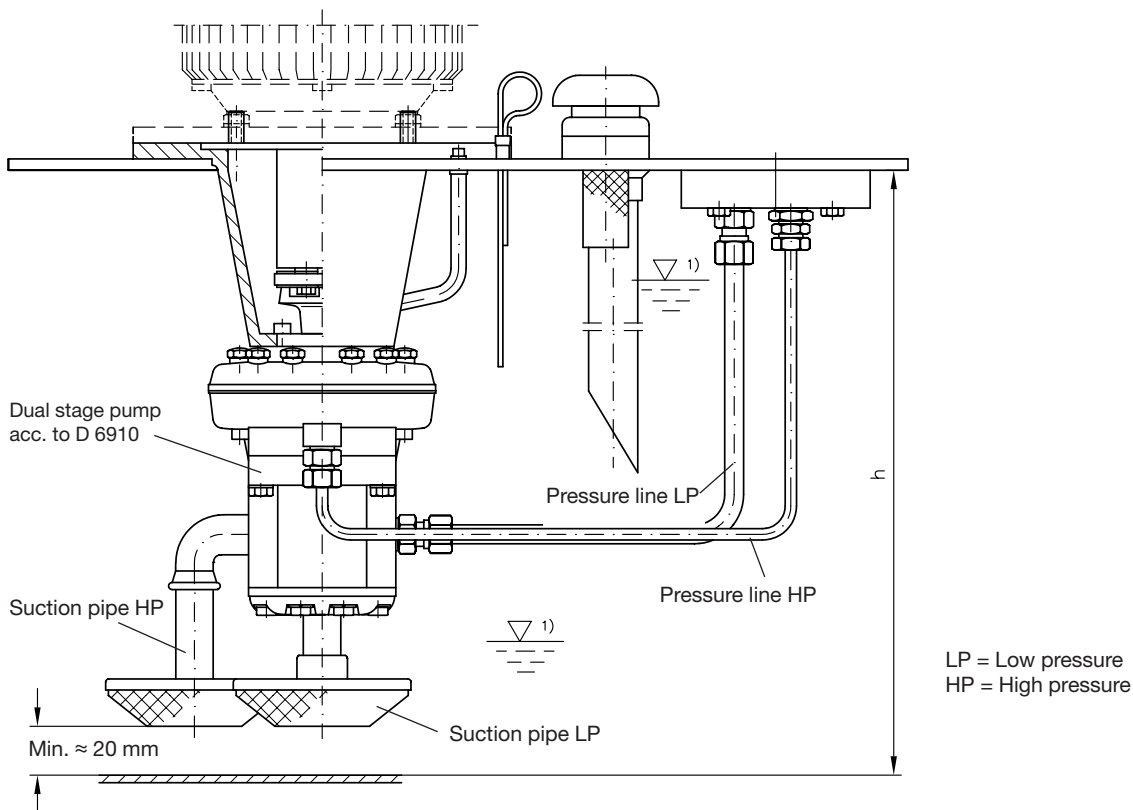
Pump coding  
 see D 6910, sect. 2.1

Cover plate type  
 tables 1 ... 5

Motor voltage specification

Two stage valve  
 see D 6910 H, sect. 2.3,  
 table 5

Power  
 see D 6910 H, sect. 2.2,  
 table 4



1) The tank should be well-filled during start-up but not absolutely full so as to allow the fluid to expand while reaching operation temperature. The fluid level must not drop below the minimum mark to prevent air entering the suction line. This is particularly important with customer furnished tanks.

**Selection tables** For flex-couplings and bell housings, see D 6010 H, sect. 6.2

**Table 1:** Combination of high pressure stage, design 6910

Dual stage pumps acc. to D 6910	Cover plate	Depth h (mm)	Power range 0.25 ... 3 (kW)	
			Suction line for HP-stage	LP-stage
RZ 0,3 to 6,5/2 - 9 to 12,3	<b>DRZ 20</b>	310	S 132	S 131
	<b>DRZ 40</b>	310	S 132	S 132
	<b>D 51-2</b>	400	S 136	S 134
		470	S 138	S 136
RZ 0,3 to 6,5/2 - 16 to 28	<b>DRZ 40</b>	310	S 132	S 140
		400	D 136	S 141
	<b>D 51-2</b>	470	S 138	S 145
RZ 0,3 to 6,5/2 - 37	<b>D 51-2</b>	400	S 136	S 152
		470	S 138	S 116

 LP = Low pressure  
 HP = High pressure

**Table 2:** Combination of high pressure stage, design 6911

Dual stage pumps acc. to D 6910	Cover plate	Depth h (mm)	Power range (kW)							
			0.55 to 1.5		2.2 to 4		5.5		5.5; 7.5 (9); 11	
			Suction line for HP-stage or LP-stage							
			HP	LP	HP	LP	HP	LP	HP	LP
RZ 1,4 to 15,3/2 - 9 to 12,3	<b>DRZ 30</b>	310	S 141	S 130	S 141 <sup>1)</sup>	S 130 <sup>1)</sup>				
		400	S 145	S 132						
	<b>D 51-2</b>	470	S 112	S 136						
		400			S 142	S 133	S 142	S 133		
	<b>D 100-2</b>	470			S 145	S 135	S 145	S 135		
		530					S 111	S 105		
<b>D 101-2</b>	660					S 175	S 138			
	530	S 148	S 106	S 148	S 106					
660		S 149	S 107	S 149	S 107					
	RZ 1,4 to 15,3/2 - 16 to 28	<b>DRZ 40</b>	310	S 141	S 140	S 141	S 140			
400					S 142	S 140	S 142	S 140		
<b>D 51-2</b>		470			S 145	S 143	S 145	S 143		
		400	S 145	S 141						
<b>D 100-2</b>	470	S 112	S 145							
	530					S 111	S 110			
<b>D 101-2</b>	660					S 175	S 112			
	530	S 148	S 111	S 148	S 111					
660		S 149	S 113	S 149	S 113					
	RZ 1,4 to 15,3/2 - 37	<b>D 51-2</b>	400			S 142	S 151	S 142	S 151	
470					S 145	S 115	S 145	S 115		
<b>D 100-2</b>		400	S 145	S 118						
		470	S 112	S 153						
<b>D 101-2</b>	530					S 111	S 119			
	660					S 175	S 155			
RZ 0,9 to 15,3/3 - 45 and 59	<b>DRZ 50</b>	400			S 142	S 151 g			S 142 <sup>2)</sup>	S 151 g <sup>2)</sup>
		470			S 147	S 115 g			S 147	S 115 g
	<b>DRZ 51</b>	400	S 145	S 118 g						
		470	S 112	S 153 g						
<b>D 100-2</b>	530							S 111	S 119 g	
	660							S 113	S 155 g	
<b>D 101-2</b>	530	S 148	S 154 g	S 148	S 154 g					
	660	S 149	S 156 g	S 149	S 156 g					
RZ 0,9 to 15,3/3 - 75	<b>DRZ 100</b>	530							S 147	S 164
		660							S 113	S 167
	<b>DRZ 250</b>	570	1) Not suited for 4 kW						S 147	S 164
820								S 150	S 168	
RZ 0,9 to 15,3/3 - 87	<b>DRZ 100</b>	530	2) Not suited for 11 kW						S 147	S 170
		660							S 113	S 172
	<b>DRZ 250</b>	570							S 147	S 170
		820							S 150	S 173

**Table 3:** Combination of high pressure stage, design 6912

Dual stage pumps acc. to D 6910	Cover plate	Depth h (mm)	Power range (kW)							
			0.55 to 1.5		2.2 to 4		5.5; 7.5 (9)		11	
			Suction line for HP-stage or LP-stage							
			HD	ND	HP	LP	HP	LP	HP	LP
RZ 2,7 to 30,4/2 - 9 to 12,3	<b>D 50-2</b>	400 470			S 151 S 153	S 110 S 141	S 151 S 153	S 110 S 141	S 115 S 153 S 156	S 133 S 134 S 106
	<b>D 100-2</b>	530 660						S 153 S 134 S 106		
	<b>D 101-2</b>	530 660			S 155 S 158	S 136 S 139				
RZ 2,7 to 30,4/2 - 16 to 28	<b>D 50-2</b>	400 470			S 151 S 153	6820 100 S 141	S 151 S 153	6820 100 S 141	S 153 S 153 S 156	S 141 S 141 S 147
	<b>D 100-2</b>	530 660						S 153 S 141 S 147	S 153 S 153 S 156	S 141 S 141 S 147
	<b>D 101-2</b>	530 660			S 155 S 158	S 145 S 148				
RZ 2,7 to 30,4/2 - 37	<b>D 50-2</b>	470			S 153	S 152	S 153	S 152	S 115	S 151
	<b>D 100-2</b>	530 660					S 153 S 153 S 156	S 152 S 152 S 154	S 153 S 153 S 156	S 152 S 152 S 154
	<b>D 101-2</b>	530 660			S 155 S 158	S 116 S 117				
RZ 2,7 to 30,4/3 - 45 and 59	<b>DRZ 50</b>	470			S 153	S 118 g	S 153	S 118 g	S 119	S 151 g
	<b>DRZ 51</b>	470	S 154	S 115 g						
	<b>D 100-2</b>	530 660					S 116 S 117	S 115 g S 120 g	S 116 S 117	S 115 g S 120 g
RZ 2,7 to 30,4/3 - 75	<b>DRZ 100</b>	530 660					S 116 S 117	S 165 S 166	S 116 S 117	S 165 S 166
	<b>DRZ 25</b>	570 820					S 116 S 159	S 165 S 168	S 116 S 159	S 165 S 168
	<b>DRZ 100</b>						S 116 S 117	S 169 S 171	S 116 S 117	S 169 S 171
RZ 2,7 to 30,4/3 - 87	<b>DRZ 100</b>						S 116 S 117	S 169 S 171	S 116 S 117	S 169 S 171
	<b>DRZ 250</b>						S 116 S 159	S 169 S 174	S 116 S 159	S 169 S 174

**Table 4:** Combination of high pressure stage, design 6914

Dual stage pumps acc. to D 6910	Cover plate	Depth h (mm)	Power range 5.5 ... 22 (kW)	
			Suction line for	
			HP-stage	LP-stage
RZ 6,1 to 60,8/2 - 9 to 12,3	<b>D 100-2</b>	530 660	S 169 S 161	S 130 S 135
	<b>D 250-2</b>	570 820	S 160 S 162	S 130 S 138
RZ 6,1 to 60,8/2 - 16 to 28	<b>D 100-2</b>	530 660	S 169 S 161	S 140 S 142
	<b>D 250-2</b>	570 820	S 160 S 162	S 140 S 147
RZ 6,1 to 60,8/2 - 37	<b>D 100-2</b>	530 660	S 169 S 161	S 151 S 152
	<b>D 250-2</b>	570 820	S 160 S 162	S 151 S 155
RZ 6,1 to 60,8/3 - 45 and 59	<b>D 100-2</b>	660	S 161	S 119 g
	<b>D 250-2</b>	570 820	S 160 S 162	S 151 g S 156 g
RZ 6,1 to 60,8/3 - 75	<b>DRZ 100</b>	660	S 161	S 164
	<b>DRZ 250</b>	820	S 161	S 164
RZ 6,1 to 60,8/3 - 87	<b>DRZ 100</b>	660	S 161	S 170
	<b>DRZ 250</b>	820	S 161	S 170