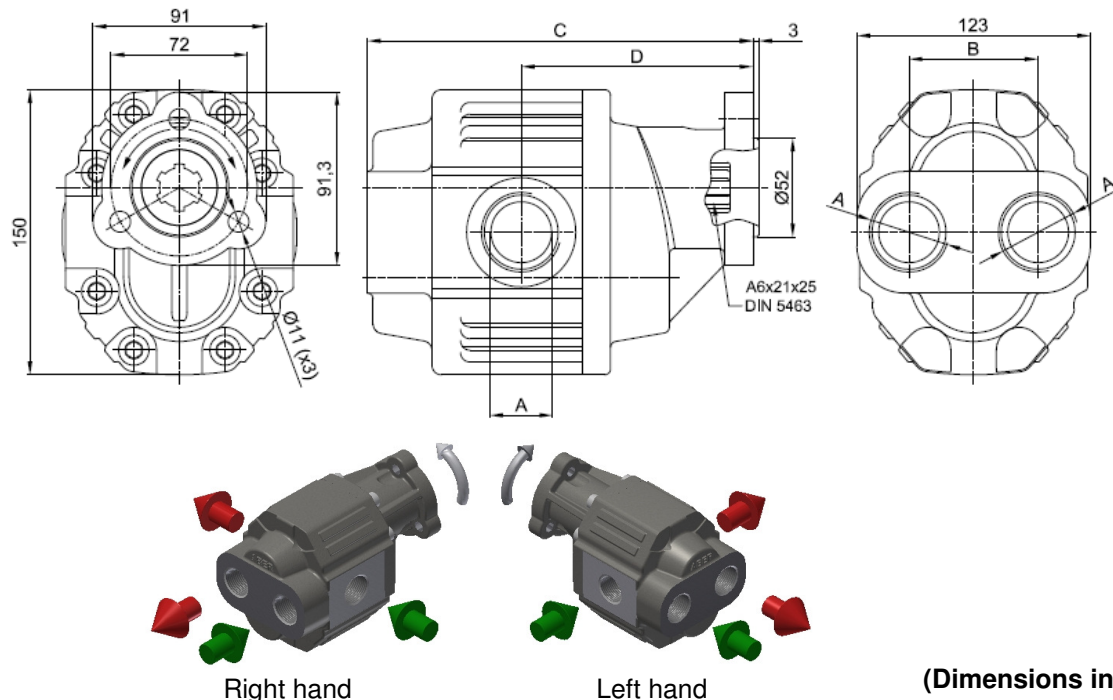


**Main Dimensions**



**Main Data**

Pumps B33GT	38	52	61	70	82	90	105	115	125	150
Cylinder capacity (cm <sup>3</sup> /rot.)	38	52	61	70	82	91	102	116	125	150
Rotation Máx. (rpm)	2800	2500	2000	2000	1800	1800	1800	1800	1800	1600
Operating pressure (bar)(up to)	280	280	260	250	250	250	250	250	240	210
Peak pressure (bar)	310	310	300	290	290	290	290	290	280	250
Weight (kg)	11.5	12.0	13.0	13.5	14.0	14.5	15.0	16.0	16.5	17.4
Sense of Rotation	Bidirectional									
A - Inlet (BSP) / Outlet (BSP)	3/4"	1"			1 1/4"				1 1/2"	
B	66				68					
C	186	194	200	206	213	219	228	234	241	257
D	120	126	132	135	138	142	145	147	150	158

**How to order:**

**Example:** Pump 82 cm<sup>3</sup>/rot, operating pressure up to 250 bar; peak pressure 290 bar, ref.B33GT, → B33GT82

**Note:** Usually, used in frontal cylinders

<b>Fluids</b>	mineral oils type ISO HM or DIN 51524-2 HLP
<b>Operating viscosity range</b>	10 to 100 cSt (mm <sup>2</sup> /s) at working temperature
<b>Máx operating limits viscosity</b>	750 cSt
<b>Filtration</b>	>200bar = 10µm <200bar = 25 µm
In the application of any of these pumps; the use of these data does not exempt the reading of the instruction "Gear pumps recommendations before start-up".	

ABER is constantly engaged in improving its products and, therefore, reserves itself the right to modify without any further notice the characteristics shown



Diagram  
Flow - Speed

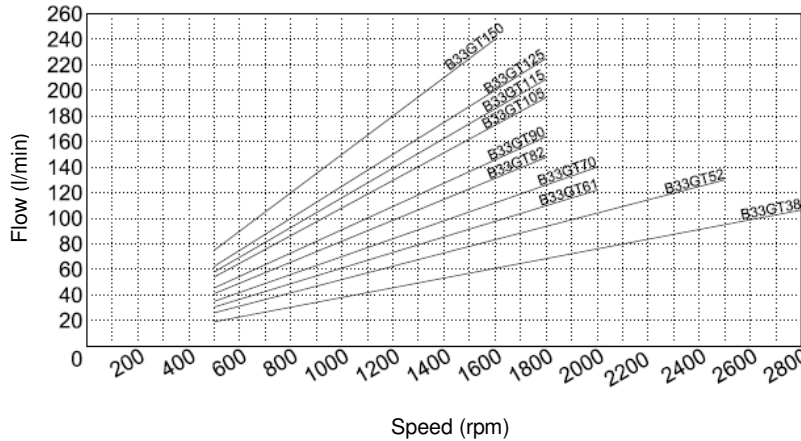
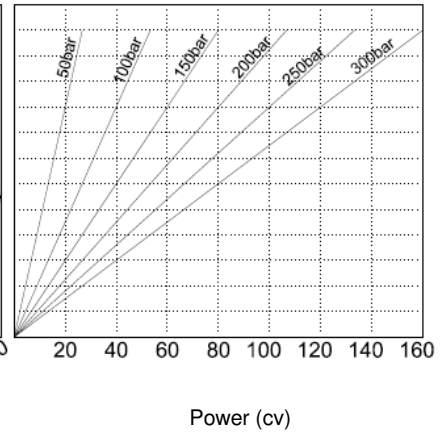


Diagram  
Input Power - Flow - Pressure



Hose dimensions

Inlet Hose	
Flow (l/min)	Internal pipe diameter (inch)
30-40	1"1/4
50-60	1"1/2
70-90	1"3/4
100-120	2"
130-150	2"1/4
160-190	2"1/2
200-230	2"3/4
240-270	3"

Outlet Hose					
Flow (l/min)	Internal pipe diameter (inch)				
	30	1/2"	1/2"	1/2"	1/2"
40	5/8"	1/2"	1/2"	1/2"	
50	5/8"	5/8"	5/8"	1/2"	
60	3/4"	5/8"	5/8"	5/8"	
70	1"	3/4"	3/4"	5/8"	
80	1"	3/4"	3/4"	3/4"	
90	1"	1"	1"	3/4"	
100	1"	1"	1"	1"	
110	1"	1"	1"	1"	
120	1"	1"	1"	1"	
130	1"	1"	1"	1"	
140	1"1/4	1"	1"	1"	
150	1"1/4	1"	1"	1"	
160	1"1/4	1"1/4	1"	1"	
170	1"1/4	1"1/4	1"	1"	
180	1"1/4	1"1/4	1"1/4	1"	
190	1"1/4	1"1/4	1"1/4	1"	
200	1"1/2	1"1/4	1"1/4	1"1/4	
210	1"1/2	1"1/4	1"1/4	1"1/4	
220	1"1/2	1"1/4	1"1/4	1"1/4	
230	1"1/2	1"1/2	1"1/4	1"1/4	
240	1"1/2	1"1/2	1"1/4	1"1/4	
250	1"1/2	1"1/2	1"1/2	1"1/4	
		50-100	100-150	150-200	200-300
P (bar)					

Important notes:

- Other axis available, please consult "Axel options".

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