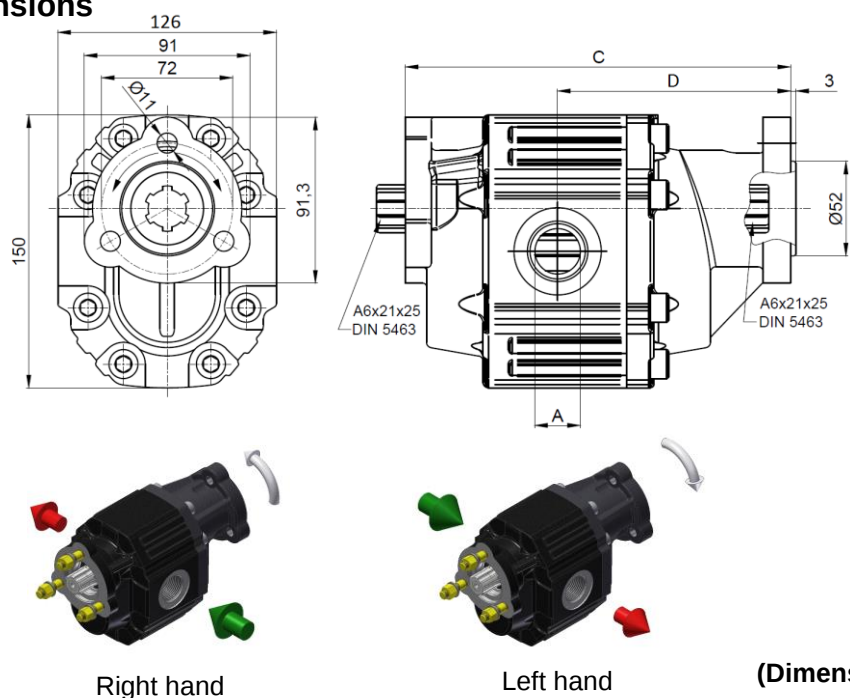


OIL-HYDRAULIC TANDEM GEAR PUMP

Main Dimensions



Main Data

Pumps B33D		38	45	52	61	70	82	90	105	115	125
Displacement	cm ³ /rev	38	46	52	61	70	82	91	102	116	125
Max. rotation speed	rpm	2600	2500	2200	2000	1900	1800	1800	1600	1600	1500
Min. rotation speed	rpm	500	500	500	500	500	500	500	500	500	500
Max. continuous pressure	bar	300	280	260	240	220	210	190	190	180	170
Max. intermittent pressure (max. 20s)	bar	320	300	280	260	240	230	210	210	200	190
Max. peak pressure (max. 6s)	bar	335	315	295	275	255	245	225	225	215	205
Weight	kg	11.1	11.3	11.6	12.2	12.6	13.2	13.6	14.4	15.0	15.6
Sense of rotation		Bi-directional									
A - Inlet /Outlet (DIN ISO 228)	G (BSP)	3/4"		1"			1 1/4"				
C	mm	195	200	203	209	215	222	228	237	243	250
D	mm	121	124	127	132	133	138	142	145	147	150

How to order:

Example: Pump 38cm³/rev, continuous pressure up to 300 bar; peak pressure up to 335 bar, ref.B33D → B33D38

Note: Usually, used in frontal cylinders

Fluids	mineral oils type ISO HM or DIN 51524-2 HLP	
Operating viscosity range	10 to 100 cSt (mm ² /s) at working temperature	
Máx operating limits viscosity	750 cSt	
Oil temperature range	-25°C to 80°C	
Filtration	>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".		