

Application

Centrifugal fans dedicated to grain silos. They are used to aerate and cool grain, they can also be used for floor dryers. Available in standard or galvanized version. Fans made in the L6 system (as in the picture), which facilitates connection to the silo.

Construction

As standard, the impeller and casing are made of steel sheet covered with polyester using the oven method. In the galvanized version, the housing is made of steel sheet covered with hot-dip zinc (hot-dip galvanized).

IP55 three-phase motor. Air inlet secured with a mesh. Rectangular air outlet with a flange. L6 housing layout as standard.

To order:

- round outlet (for spiro)
- other housing arrangements

Technical data:

Typ	Efficiency MAX	Pressure MAX	Input power	Highest speed	Rated Current * 3x400V	Weight
	[m ³ /h]	[Pa]	[kW]	[obr./min.]	[A]	[kg]
WPR - 2	4200	2200	2,2	2800	4,6	42
WPR - 3	6800	2300	3,0	2800	6,0	60
WPR - 4	9000	2500	4	2800	7,8	92
WPR - 5	8900	2700	5,5	2800	10,6	128
WPR - 7	13500	3100	7,5	2800	14,2	149
WPR - 11	17400	3900	11	2800	20,7	234
WPR - 15	19000	4600	15	2800	29,4	287
WPR - 18	22356	5020	18,5	2800	32,2	335

*Guide values, may change the application depending on the motor used
 Rated currents are given on the rating plate and in the operating instructions.

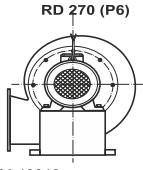
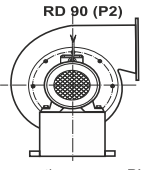
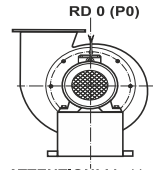
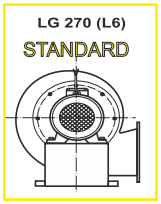
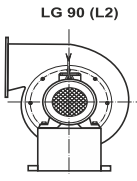
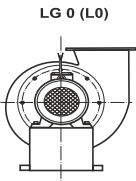
Dimensions:

Typ	Fan dimensions								Flange dimensions				
	A	B	D	E	H	K	L	n x Ød1	G	g	F	f	n x Ød2
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
WPR-2	140	315	655	785	480	350	550	2x12	172	-	347	140	8x10
WPR-3	200	315	655	785	480	350	550	2x12	232	140	347	140	12x10
WPR-4	250	315	735	885	540	500	550	2x12	282	140	347	140	12x10
WPR-5	250	315	755	859	515	600	600	2x12	282	140	347	140	12x10
WPR-7	315	355	817	965	580	550	650	2x12	347	140	387	140	12x10
WPR-11	315	380	935	1085	650	650	675	2x12	347	140	432	140	12x10
WPR-15	355	450	1061	1241	740	750	840	2x12	387	140	482	140	12x10
WPR-18	355	450	1061	1241	740	750	840	2x12	387	140	482	140	12x10

Fan housing systems

Housing arrangement for the left direction of rotation of the rotor

Housing arrangement for the right direction of rotation of the rotor



ATTENTION! Markings in parentheses acc. PN-78/M-43012

