

Mechanical Grain Conveying



DGS / DGA / DGC Grain Augers

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DGA auger head with belt drive.



Inlet with capacity control for DGA auger.



DGS 254 auger with gear motor and capacity regulation on inlet.



Intermediate bearing for DGS auger.

These augers are economical solutions for grain conveying and can be fitted at any angle from horizontal to vertical. Conveying capacity up to 90 t/h. The smaller sizes are highly mobile.

Kongskilde offers

- DGA 102, DGA 127 and DGA 152 with belt drive and motor mounted at auger outlet.
- DGC 102, DGC 127 and DGC 152 with inlet hopper, wheeled stand and motor mounted at outlet. Max overall length 6 m.
- DGS 205 and DGS 254 with galvanized surfaces
- DGS 205 grain cannon with belt drive. Motor and belt drive are mounted at the auger's inlet (easy to fit wheeled stand).
- Range of connectors and hoppers for optimum usage.
- Capacity control on the inlet.

		DGA/DGC 102	DGA/DGC 127	DGA/DGC 152	DGS 205	DGS 254
Capacity t/hour 700 kg/ m ³ 15% H ₂ O	Horizontal	16	26	40	60	90
	45° inclination	10	17	28	42	72
	Vertical	5 / -	8 / -	14 / -	21	46
Conveying length (foot with hopper), m		12.5 / 6	12.5 / 6	12.6 / 6	11.8	11.7
Ø auger pipe ext./thickness, mm		102	127	152	205	254
		1.5	2	2	3	3
Diameter of auger screw, mm		85	108	133	180	230
Connection on outlets		OK 160	OK 160	OK 200	OK 200	Q24/ FK250
Revolutions on screw shaft rpm		1000	800	700	450/400	400
Transmission		Belt drive	Belt drive	Belt drive	Belt Drive/ gear	Gear
Motor power, kW		1.5 - 4.0	2.2 - 4.0	3.0 - 5.5	3.0 - 7.5	3.0 - 11.0