



water technology

DG-Steel



Stainless steel pumps with vortex impeller

Application

For clean or slightly dirty water, containing solids up to 40 mm grain size.
For sewerage plants, livestock farms, car washes, hydro-sanitary applications.

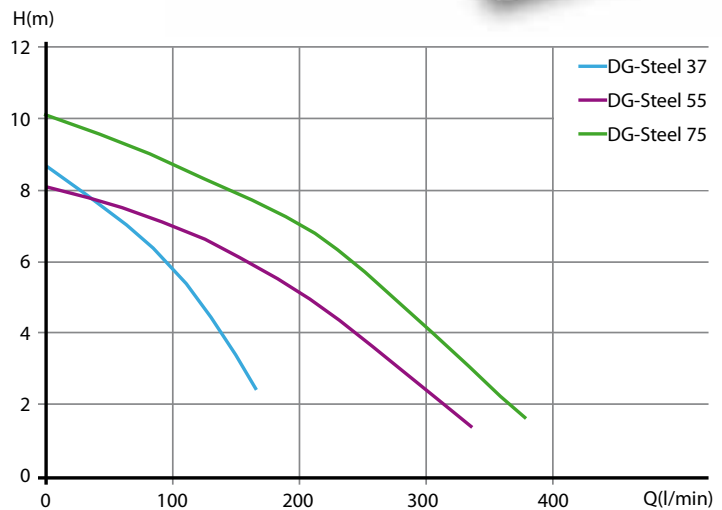
Features

Out power range	0,37 - 0,75 kW
Impeller	vortex
Poles	2
Outlet	G 1¼" - G 1½"
Max free passage	40 mm
max head	10.0 m
max capacity	375 l/min



Running condition

Max. operating temperature	40°C
Fluid PH	6 - 10
Fluid viscosity	1 mm²/s
Service	S1 submerged
Max. immersion depth	10 m
Fluid density	1 kg/dm³
Max. acoustic pressure	< 70 dB
Max. start-ups/hour	20



Performances

	Current (A)		P2 (kW)	Q												
	230V 1~	400V 3~		m³/h	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5		
				l/min	0.0	41.8	83.5	125.3	167.0	208.8	250.5	292.3	334.0	375.8		
DG-Steel 37	3.0	-	0.37	H (m)	8.7	7.6	6.4	4.7	2.4							
DG-Steel 55	4.3	-	0.55		8.1	7.7	7.2	6.6	5.8	4.9	3.8	2.6	1.4			
DG-Steel 75	5.6	2.4	0.75		10.2	9.4	9	8.3	7.6	6.9	5.7	4.4	3.0	1.7		

Materials

Pump casing	Chrome-nickel steel AISI 304
Pump body	Chrome-nickel steel AISI 304
Strainer	Chrome-nickel steel AISI 304
Impeller	Chrome-nickel steel AISI 304
Handle	Polypropylene +30% glassfiber
Shaft	AISI 420
Mechanical seal	three mechanical seals: two SiC-Al mechanical seals in oil chamber one V-ring in direct contact with the liquid.

Dimensions

	Ø A	B	C	D	kg	H	L	M	H1	L1	M1
DG-Steel 37	170	25	350	G 1¼"	6.6	405	155	350	195	85	300
DG-Steel 55	215	40	405	G 1½"	8.1	455	205	400	250	140	350
DG-Steel 75	215	40	405	G 1½"	8.9	455	205	400	250	140	350

