



water technology

DR-Steel



Stainless steel pumps for drainage

Application

For clean water containing solids up to 12 mm.
 For draining rooms or emptying tanks.
 For water from ponds, streams or pits and for rainwater collection.

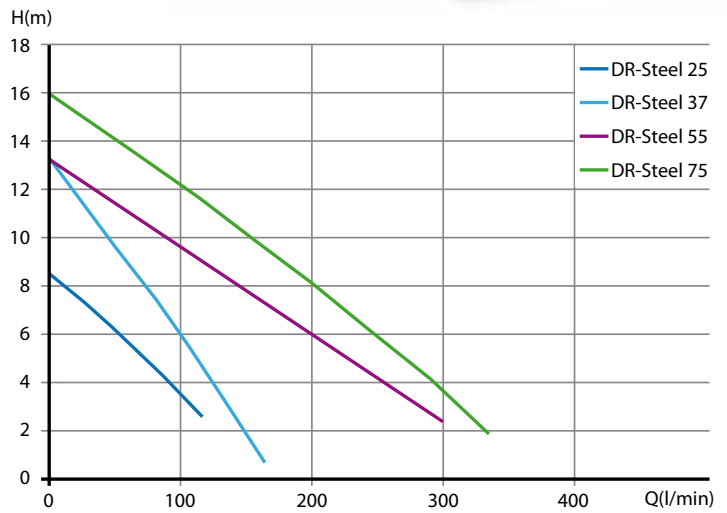


Features

Out power range	0,25 - 0,75 kW
Impeller	Open multichannel
Poles	2
Outlet	G 1¼" - G 1½"
Max free passage	12 mm
max head	16 m
max capacity	335 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)	m³/h l/min	Q															
	230V 1~	400V 3~			0	1.4	2.8	4.2	5.6	7	8.4	9.8	11.2	12.6	14	18	20			
					0	23.4	46.8	70.1	93.5	116.9	140.3	163.7	187	210.4	233.8	300	333.4			
DR-Steel 25	2.3	-	0.25	H	8.5	7.2	6.2	5.2	3.8	2.6										
DR-Steel 37	3.1	-	0.37	(m)	13.6	11.2	9.6	8.3	6.5	4.8	2.6	0.7								
DR-Steel 55	4.3	-	0.55		13.2	12.2	11.4	10.4	9.6	9.0	8.0	7.2	6.5	5.5	4.8	2.4				
DR-Steel 75	5.6	2.4	0.75		16	14.9	14	13.4	12.4	11.6	10.4	9.5	8.8	7.6	6.6	3.6	2.0			

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 silicon carbide/graphite alumina 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
DR-Steel 25	170	10	300	G 1¼"	5.9	370	120	350	145	35	300
DR-Steel 37	170	10	300	G 1¼"	6.3	370	120	350	145	35	300
DR-Steel 55	215	12	335	G 1½"	7.7	395	145	400	180	70	350
DR-Steel 75	215	12	335	G 1½"	8.4	395	145	400	180	70	350

