

**Table 1.2 New generation D Pumps for cold and hot water supply - Desum (BB1)**

Pump Size	Rated Flow, m <sup>3</sup> /hr	Head. m	Speed, rpm
D(DV) 350-580	2850	105	1500
	2500	110	1500
D(DV) 350-725d	2900	180	1500
	2500	180	1500
D(DV) 400-660	4300	140	1500
	2850	60	1000
	2150	36	750
D(DV) 400-990	3200	130	1000
	2700	100	1000
D(DV) 500-735	4400	75	1000
	3600	70	1000
D(DV) 500-875	6000	105	1000
	5000	110	1000
	4000	110	1000
D(DV) 500-1050	4000	160	1000
	3500	140	1000
D(DV) 700-700	8500	27	750
	7250	27	750
D(DV) 600-720	5900	70	1000
	4500	40	750
	4000	40	750
	3500	40	750
D(DV) 700-1000A	9700	120	1000
	8500	115	1000
	5000	40	600
D(DV) 700-1000B	8500	72	750
	7250	72	750

**New generation D Pumps for cold and hot water supply - Desum (BB1)**

Desum D(DV) range is a new generation (high pressure) of D series pumps.

Electrically driven, foot-mounted, between-bearings, in-line, single-stage, double-suction, axially split volute casing, heavy-duty industrial pumps with a basically horizontal shaft. Available with optional vertical mounting (DV-configurations). Accurate positioning of the upper-to-lower casing halves with pins for ease of assembly. The rotor is carried by grease-lubricated or oil-bath lubricated antifriction bearings (in the latter case a cooling system is provided). Shaft sealing: packed glands or API 682 single / double mechanical seals. The pump is designed to be capable of remaining functional in the areas of seismic hazard of magnitude up to 9 (MSK-64 scale). Nozzle flanges are made according to DIN / ANSI / ISO. The pump shaft is completely protected against handled medium.

Impeller material options: cast iron; steel; bronze.

The pump casing is basically made of high-strength cast iron.