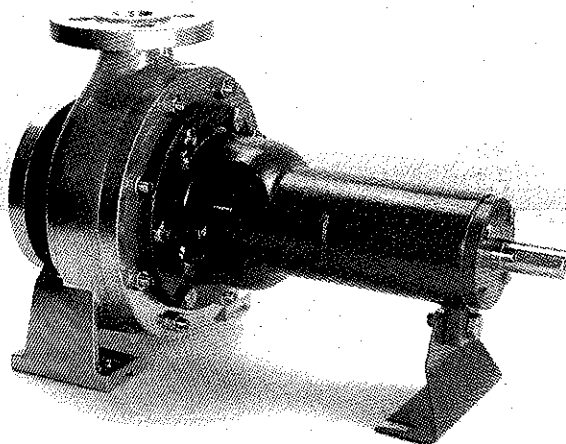


Stainless steel Pumps



Capacity

1,450 rpm	up to 1,020 m ³ / hr up to 80 m head
2,900 rpm	up to 330 m ³ / hr up to 130 m head
1,750 rpm	up to 1,200 m ³ / hr up to 90 m head
3,500 rpm	up to 400 m ³ / hr up to 150 m head

Design

- End suction, back pull out centrifugal pump

Specification

- ISO 2858 (rating 16 bar) Second edition - 1975-02-15
- Flanges - ISO 7005 (2084) NP 16/BS 4504 class 16 / ANSI B16.1

Standard features

Sealing

- Gland Packing (standard)
- DUAL CAVITY SEAL (on request)
- Mechanical Seal (on request)
 - Single seal SiC vs. SiC faces with Viton Elastomer, SS 316 metal parts
 - Other seal faces can be selected for specific liquids handled

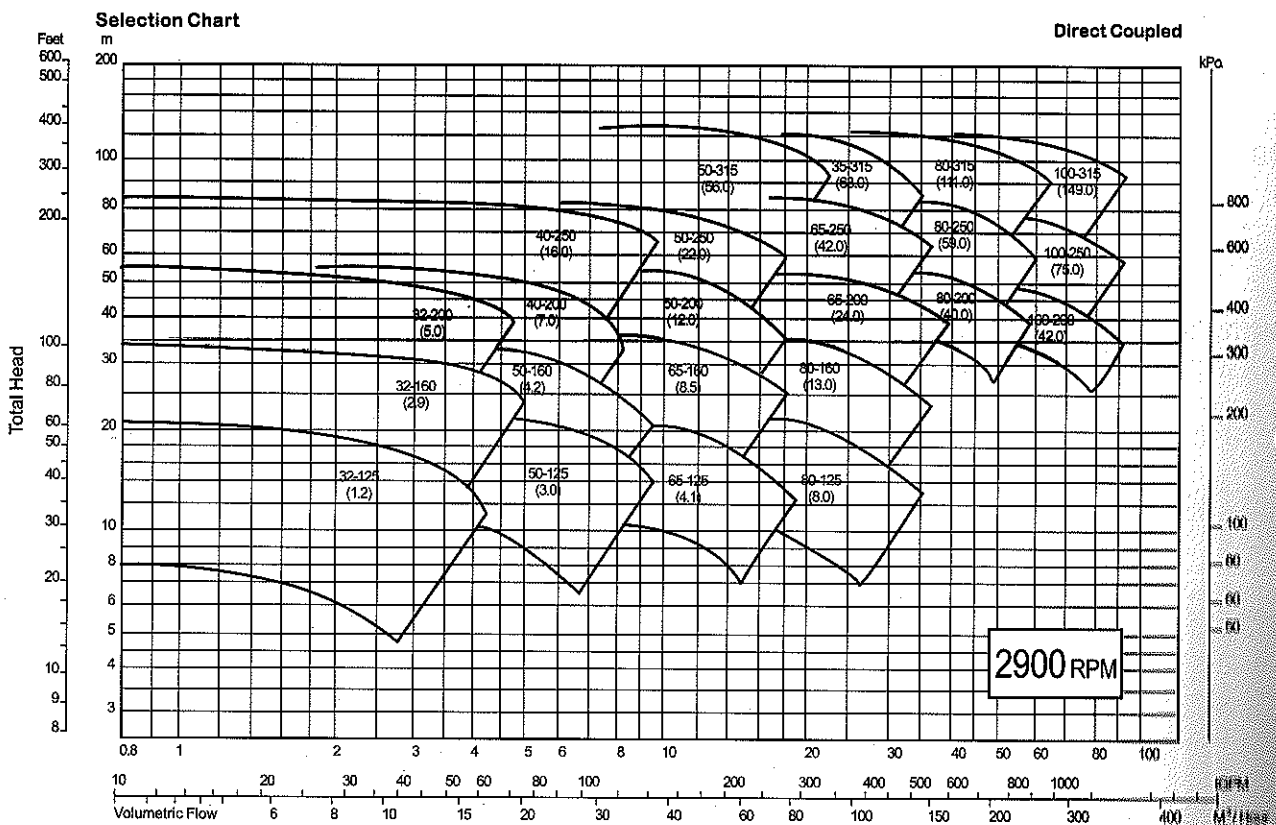
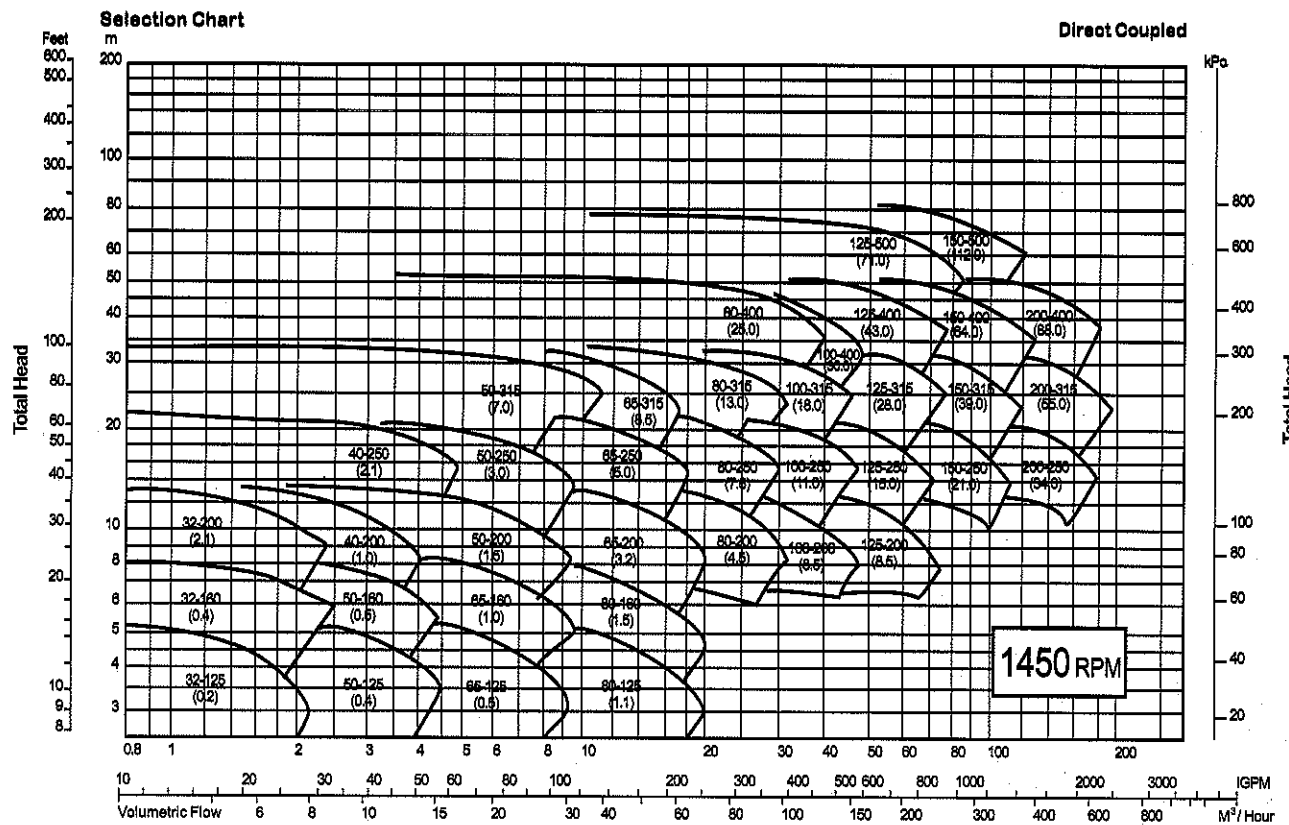
Bearings

- Bearings - Grease lubricated
- Oil lubricated (available on request)

Working Temperature - Max 120°C

Pump material configuration

Casing	: Stainless steel
Impeller	: Stainless steel
Shaft	: Stainless steel
Shaft protection sleeve	: Stainless steel



Product Features

Back Pull Out :

- The rotating assembly can be removed without having to disconnect the suction and delivery pipework.

Casing :

- Single stage, end suction, foot mounted. Radially split with back pull out feature to reduce maintenance down time.
- Vertical centre line discharge.

Impeller :

- Closed impeller design, statically balanced, with renewable wear ring for DN200 pump.

Stuffing Box :

- It is fitted with removable bush, lantern ring and packing.
- A mechanical seal provided as an option if required.

Shaft :

- A stainless steel shaft is fitted with stainless steel shaft sleeve.

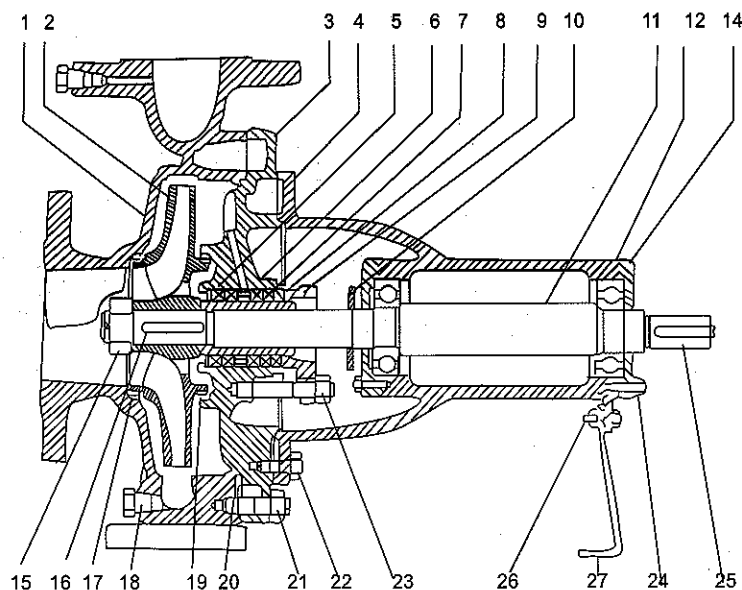
Bearing :

- Sealed deep groove ball bearings lubricated for life are used.
- Periodical greasing is unnecessary, thus eliminating problems like selecting the right grease, over greasing or lack of lubrication.

Additional design features :

- Replaceable wearing components include shaft sleeve and casing wear rings for larger pumps to maintain peak efficiency.
- Aquachem Range is designed to meet the standards of ISO 2858, ISO 7005 (2084) and ISO 3069.

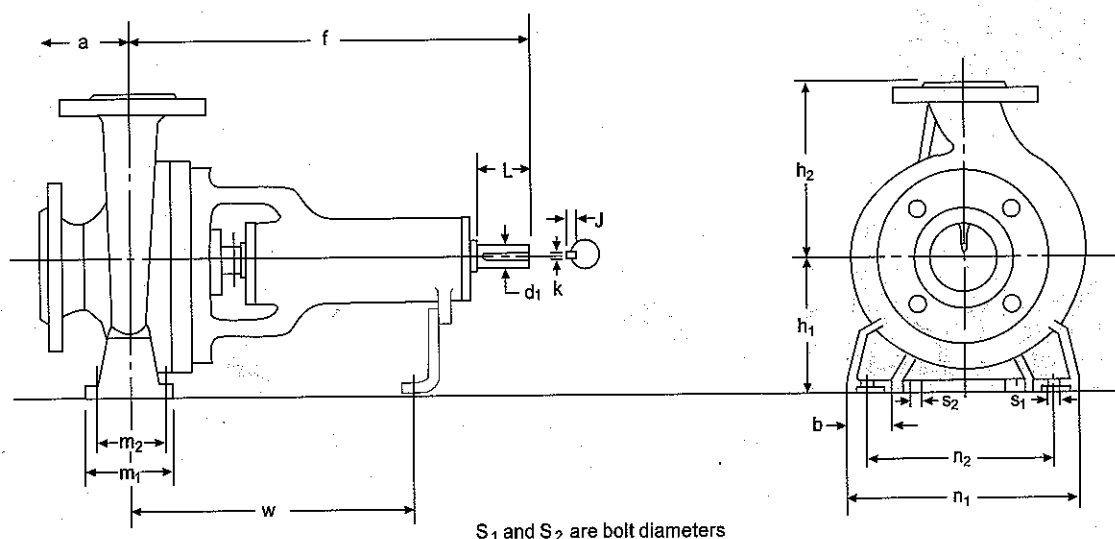
Parts List



Parts No.	Parts Name	Material Stainless steel fitted
1	Casing	Stainless steel
2	Impeller	Stainless steel
3	Back cover	Stainless steel
4	Bearing housing	Cast iron
5	Stuffing box bush	Stainless steel
6	Lantern ring	Stainless steel
7	Packing	Teflon lubricated
8	Shaft sleeve	Stainless steel
9	Gland	Stainless steel
10	Slinger	Rubber
11	Shaft	Stainless steel
12	Bearing	Steel
14	Bearing cover	Cast iron
15	Impeller nut	Stainless steel
16	Impeller key	Stainless steel
17+	Casing ring	Stainless steel
18	Drain plug	Stainless steel
19+	Back cover ring	Stainless steel
20	Gasket	Rubber
21	Stud & Nut (Casing)	Steel
22	Bolt (Back cover)	Steel
23	Stud & Nut (Gland)	Stainless steel
24	Bolt (Bearing cover)	Steel
25	Coupling key	Steel
26	Bolt, Nut & Washer	Steel
27	Bearing bracket support	Mild steel

+200 x 200 Models only.

Dimensions



Size	Nominal Bore		Pump				Pump Mounting								Shaft End			
	Suction	Discharge	a	f	h ₁	h ₂	b	m ₁	m ₂	n ₁	n ₂	s ₁	s ₂	W	d ₁	L	K	J
50 x 32 - 125	50	32	80	385	112	140	50	100	70	190	140	M12	M12	285	24	50	8	7
50 x 32 - 160	50	32	80	385	132	160	50	100	70	240	190	M12	M12	285	24	50	8	7
50 x 32 - 200	50	32	80	385	160	180	50	100	70	240	190	M12	M12	285	24	50	8	7
65 x 50 - 125	65	50	80	385	112	140	50	100	70	210	160	M12	M12	285	24	50	8	7
65 x 50 - 160	65	50	80	385	132	160	50	100	70	240	190	M12	M12	285	24	50	8	7
65 x 40 - 200	65	40	100	385	160	180	50	100	70	265	212	M12	M12	285	24	50	8	7
65 x 40 - 250	65	40	100	500	180	225	65	125	95	320	250	M12	M12	370	32	80	10	8
80 x 65 - 125	80	65	100	385	132	160	50	100	70	240	190	M12	M12	285	24	50	8	7
80 x 65 - 160	80	65	100	385	160	180	50	100	70	265	212	M12	M12	285	24	50	8	7
80 x 50 - 200	80	50	100	385	160	200	50	100	70	265	212	M12	M12	285	24	50	8	7
80 x 50 - 250	80	50	125	500	180	225	65	125	95	320	250	M12	M12	370	32	80	10	8
80 x 50 - 315	80	50	125	500	225	280	65	125	95	345	280	M12	M12	370	32	80	10	8
100 x 80 - 125	100	80	100	385	160	180	65	125	95	280	212	M12	M12	285	24	50	8	7
100 x 80 - 160	100	80	100	500	160	200	65	125	95	280	212	M12	M12	370	32	80	10	8
100 x 65 - 200	100	65	100	500	180	225	65	125	95	320	250	M12	M12	370	32	80	10	8
100 x 65 - 250	100	65	125	500	200	250	80	160	120	360	280	M16	M12	370	32	80	10	8
100 x 65 - 315	100	65	125	530	225	280	80	160	120	400	315	M16	M12	370	42	110	12	8
125 x 80 - 200	125	80	125	500	180	250	65	125	95	345	280	M12	M12	370	32	80	10	8
125 x 80 - 250	125	80	125	500	225	280	80	160	120	400	315	M16	M12	370	32	80	10	8
125 x 80 - 315	125	80	125	530	250	315	80	160	120	400	315	M16	M12	370	42	110	12	8
125 x 80 - 400	125	80	125	530	280	355	80	160	120	435	355	M16	M12	370	42	110	12	8
125 x 100 - 200	125	100	125	500	200	280	80	160	120	360	280	M16	M12	370	32	80	10	8
125 x 100 - 250	125	100	140	530	225	280	80	160	120	400	315	M16	M12	370	42	110	12	8
125 x 100 - 315	125	100	140	530	250	315	80	160	120	400	315	M16	M12	370	42	110	12	8
125 x 100 - 400	125	100	140	530	280	355	100	200	150	500	400	M20	M12	370	42	110	12	8
150 x 125 - 200	150	125	140	500	225	280	80	160	120	400	315	M16	M12	370	32	80	10	8
150 x 125 - 250	150	125	140	530	250	355	80	160	120	400	315	M16	M12	370	42	110	12	8
150 x 125 - 315	150	125	140	530	280	355	100	200	150	500	400	M20	M12	370	42	110	12	8
150 x 125 - 400	150	125	140	530	315	400	100	200	150	500	400	M20	M12	370	42	110	12	8
200 x 150 - 200	200	150	160	500	250	355	80	160	120	400	315	M16	M12	370	32	80	10	8
200 x 150 - 250	200	150	160	530	280	375	100	200	150	500	400	M20	M12	370	42	110	12	8
200 x 150 - 315	200	150	160	670	315	400	100	200	150	550	450	M20	M16	500	48	110	14	9
200 x 150 - 400	200	150	160	670	315	450	100	200	150	550	450	M20	M16	500	48	110	14	9
200 x 200 - 250	200	200	180	670	280	400	100	200	150	550	450	M20	M16	500	48	110	14	9
200 x 200 - 315	200	200	180	670	315	450	100	200	150	550	450	M20	M16	500	48	110	14	9