

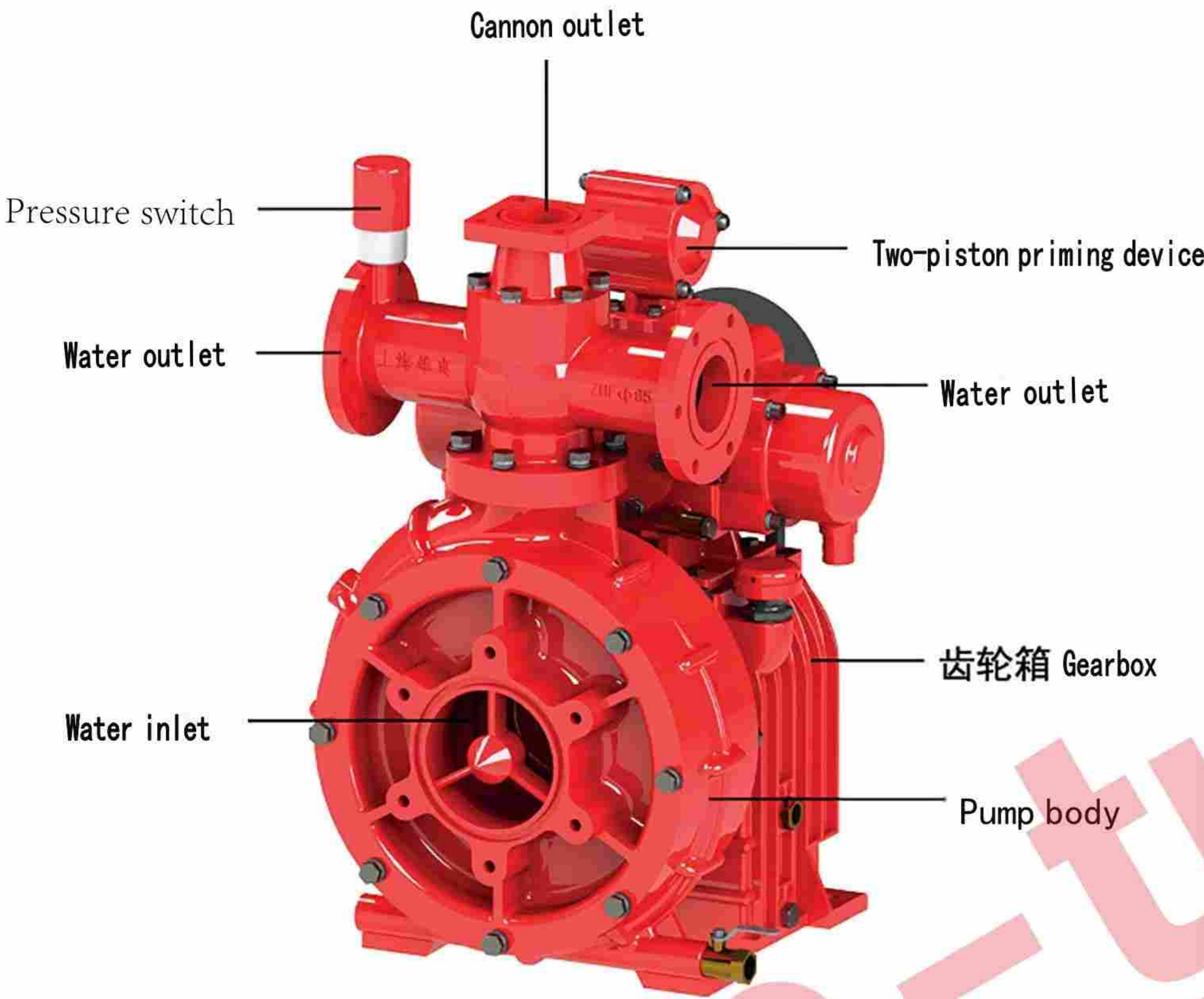
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CB10/20-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/20-XZ low-pressure fire pump adopts a single-stage centrifugal structure with a high-strength die-cast aluminum pump housing. Two configurations are available: bearing housing type and gearbox type. It features a dual-piston priming device driven by pump rotation; the priming pump automatically stops once rated pressure is achieved. The pump delivers stable operation and simple operation with reliable performance. All performance indicators comply with GB6245 standard and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

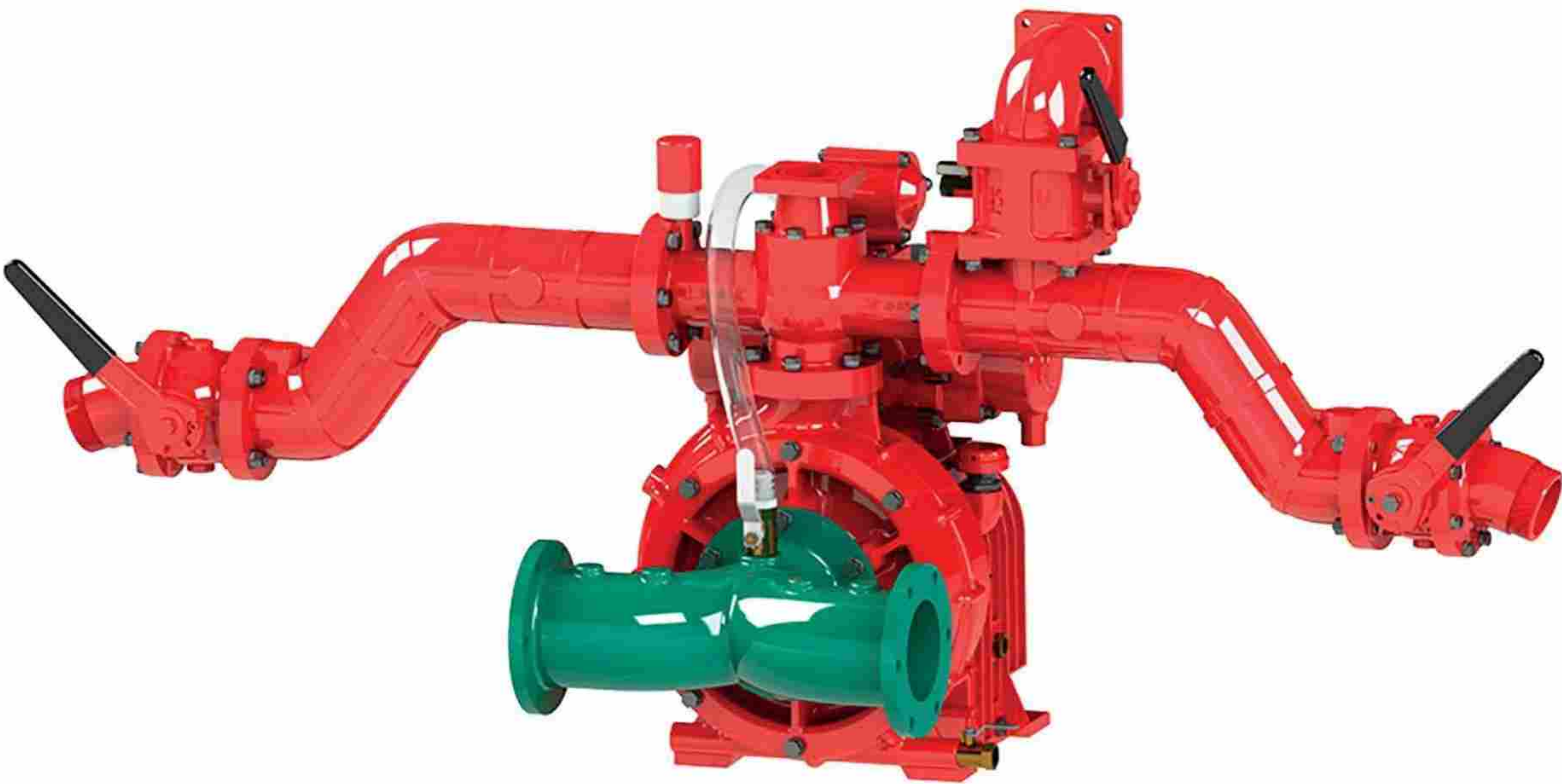
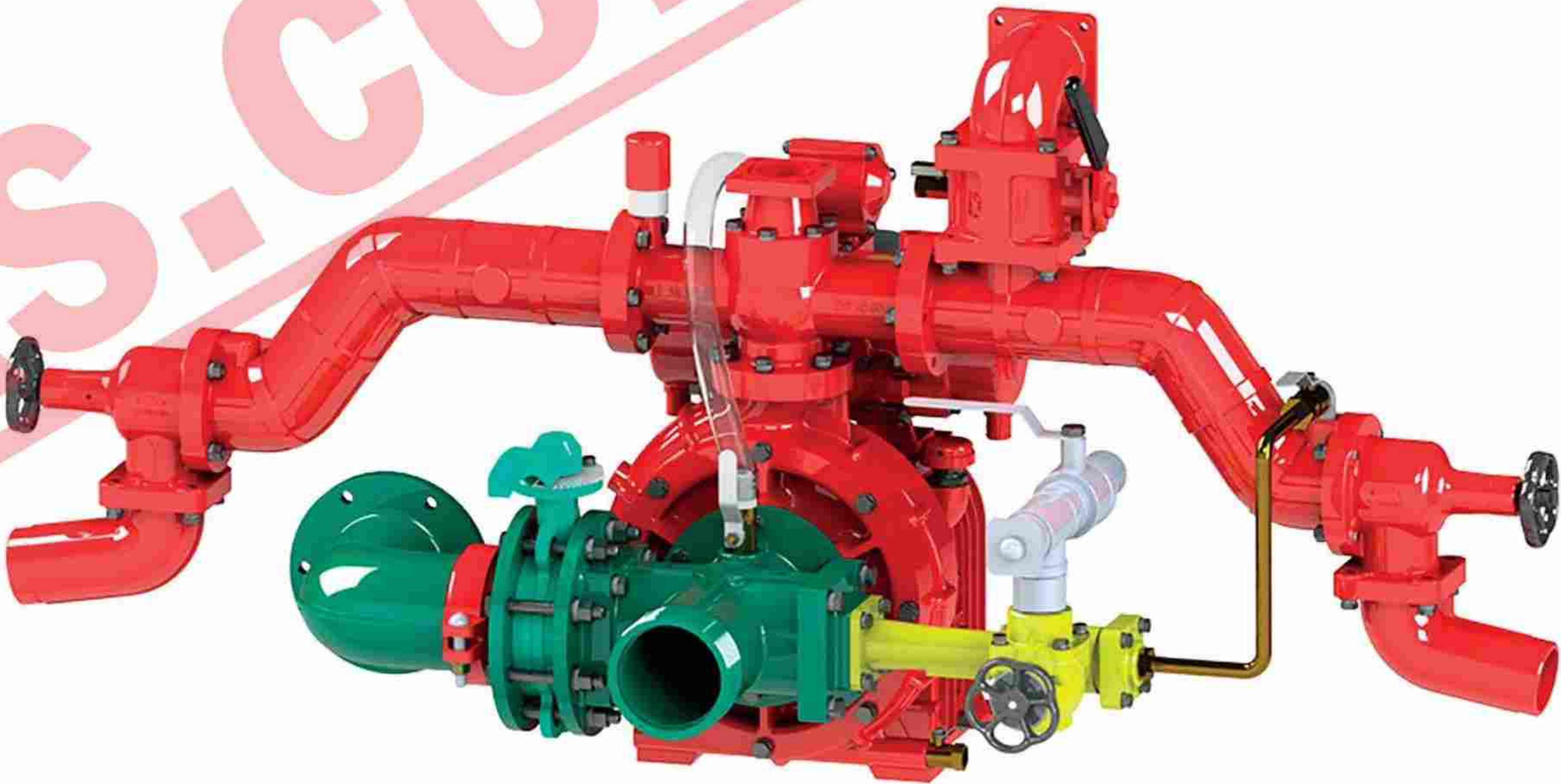
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	20	1.0	3135±50	34	3
2	14	1.3	3440±50	35	3
3	10	1.0	3059±50	22	7

Technical Specifications

Materials: Pump body uses A356.2 steel, A356.2 impeller, 17-4PH pump shaft, alloy mechanical seal.

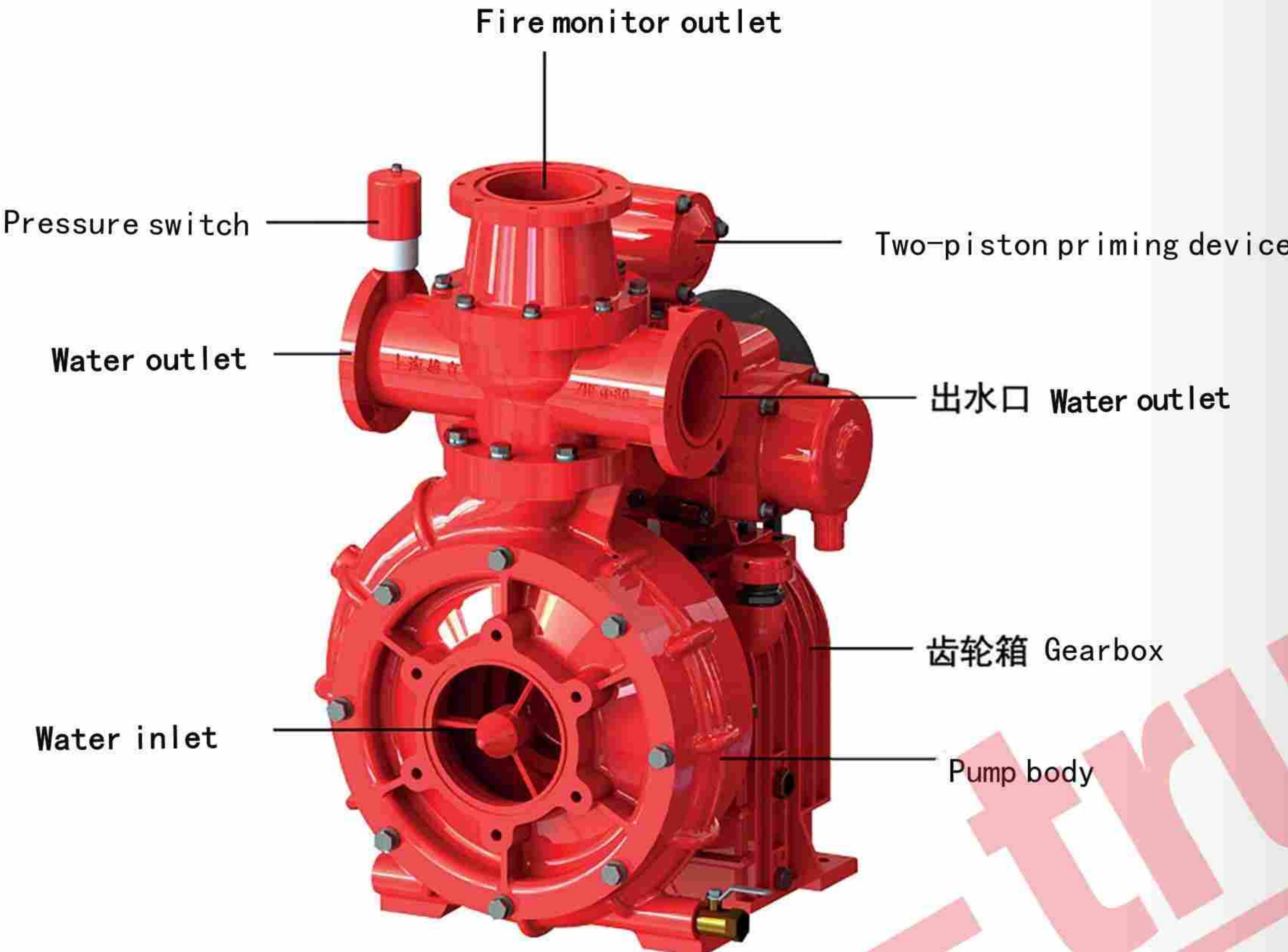
Weight: 69kg (gearbox), 51kg (bearing housing).

Speed ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5.



CB10/30-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/30-XZ low-pressure fire pump adopts a single-stage centrifugal structure with a high-strength die-cast aluminum pump housing. Two configurations are available: bearing housing type and gearbox type. It features a dual-piston priming device driven by pump rotation; the priming pump automatically stops once rated pressure is achieved. The pump delivers stable operation and simple operation with reliable performance. All performance indicators comply with GB6245 standard and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameter

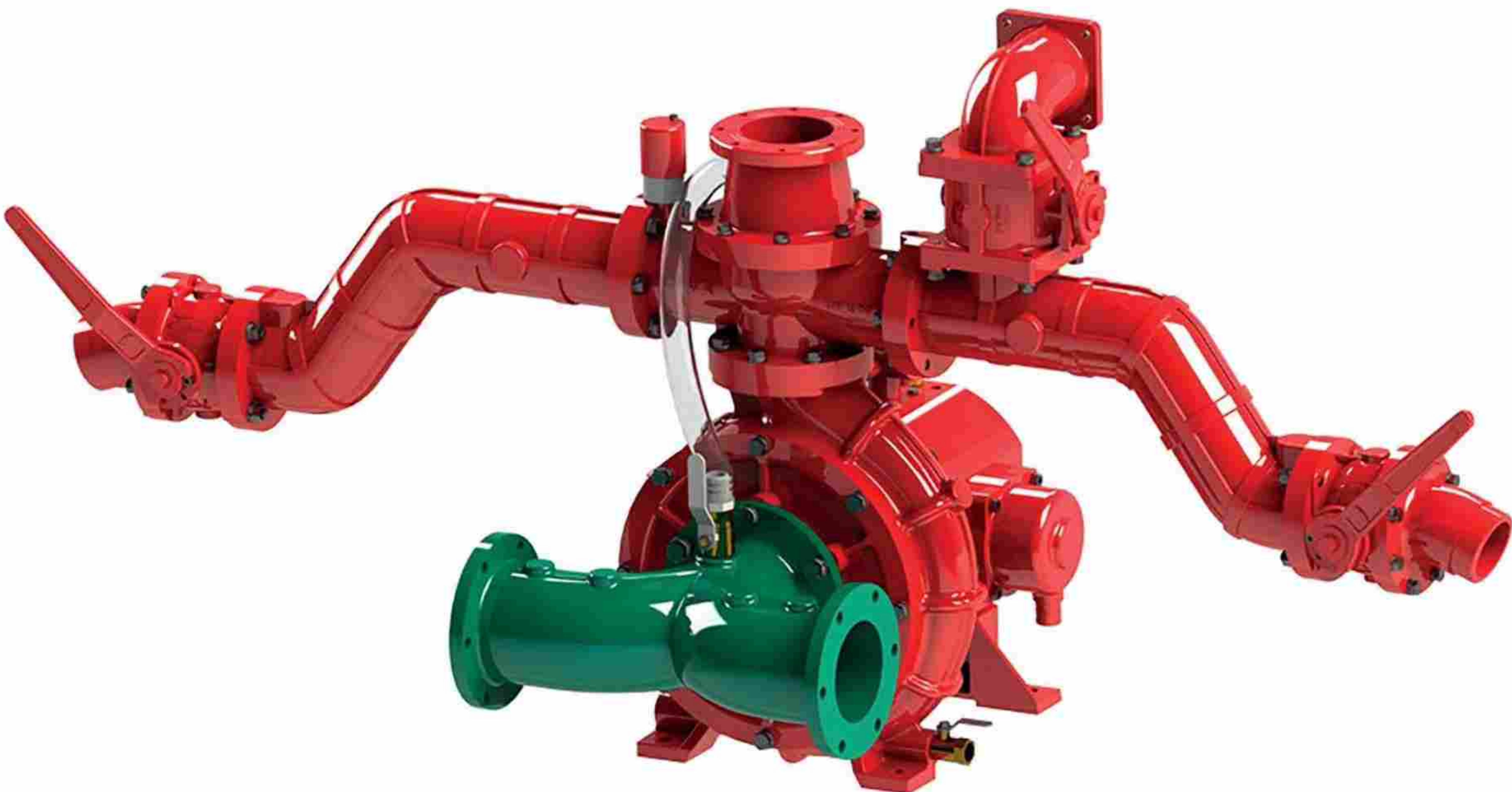
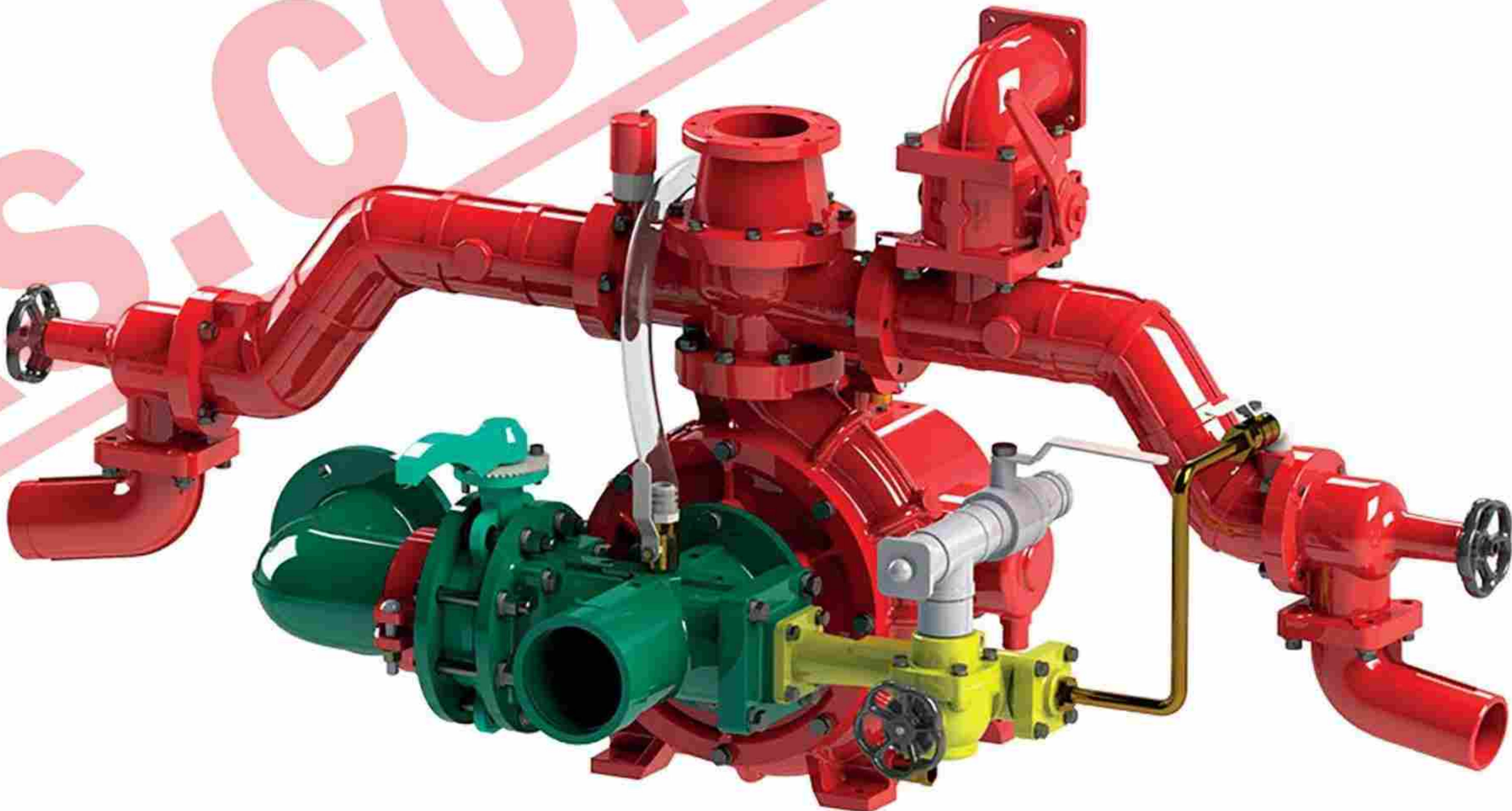
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	30	1.0	3045±50	48	3
2	21	1.3	3365±50	52	3
3	15	1.0	2992±50	34	7

Technical Specifications

Materials: Pump body uses A356.2 steel, A356.2 impeller, 17-4PH pump shaft, alloy mechanical seal.

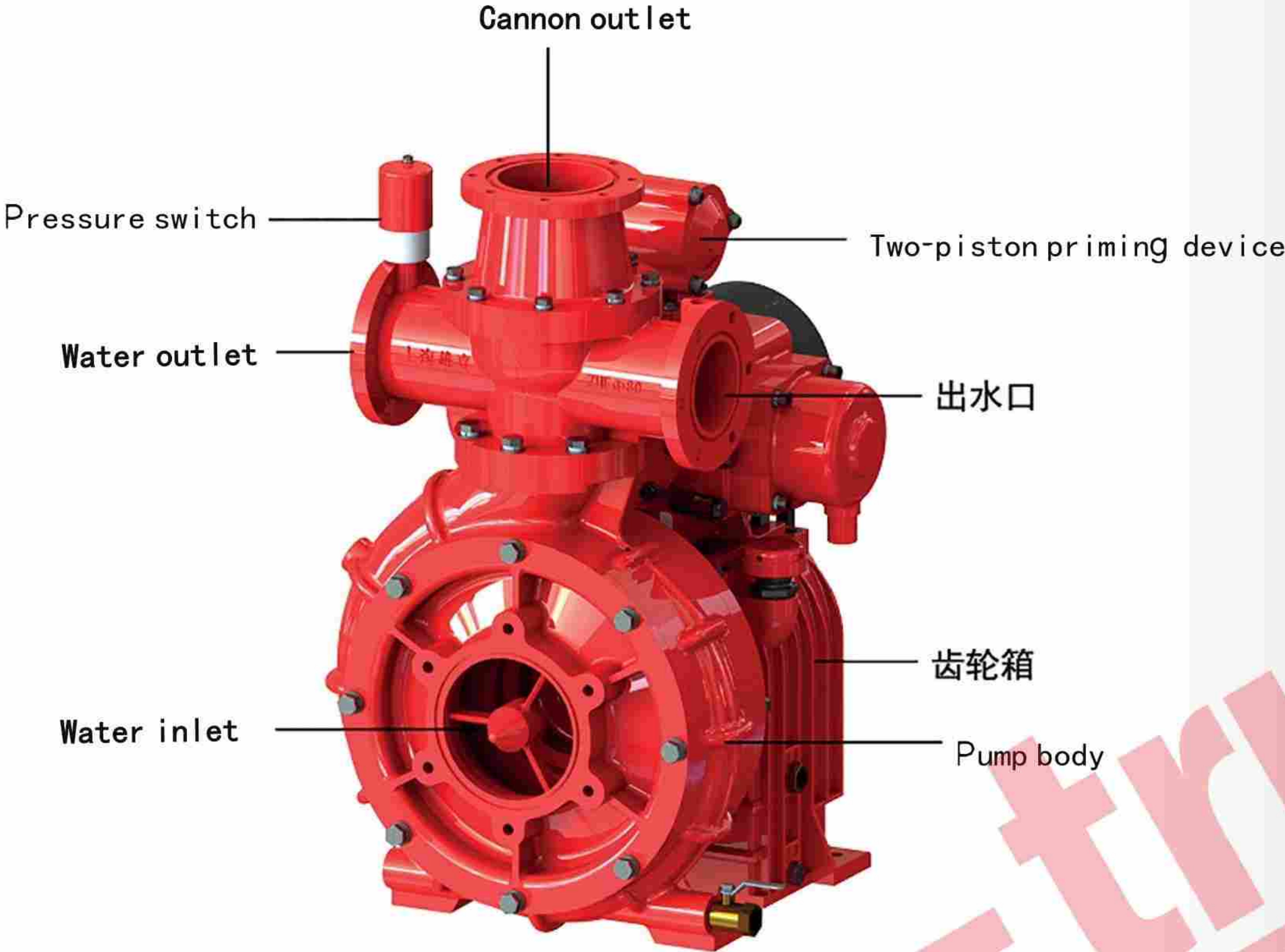
Weight: 73kg (gearbox), 55kg (bearing housing).

Speed ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5.



CB10/40-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/40-XZ low-pressure fire pump adopts a single-stage centrifugal structure with a high-strength die-cast aluminum pump housing. Two configurations are available: bearing housing type and gearbox type. It features a dual-piston priming device driven by pump rotation; the priming pump automatically stops once rated pressure is achieved. The pump delivers stable operation and simple operation with reliable performance. All performance indicators comply with GB6245 standard and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

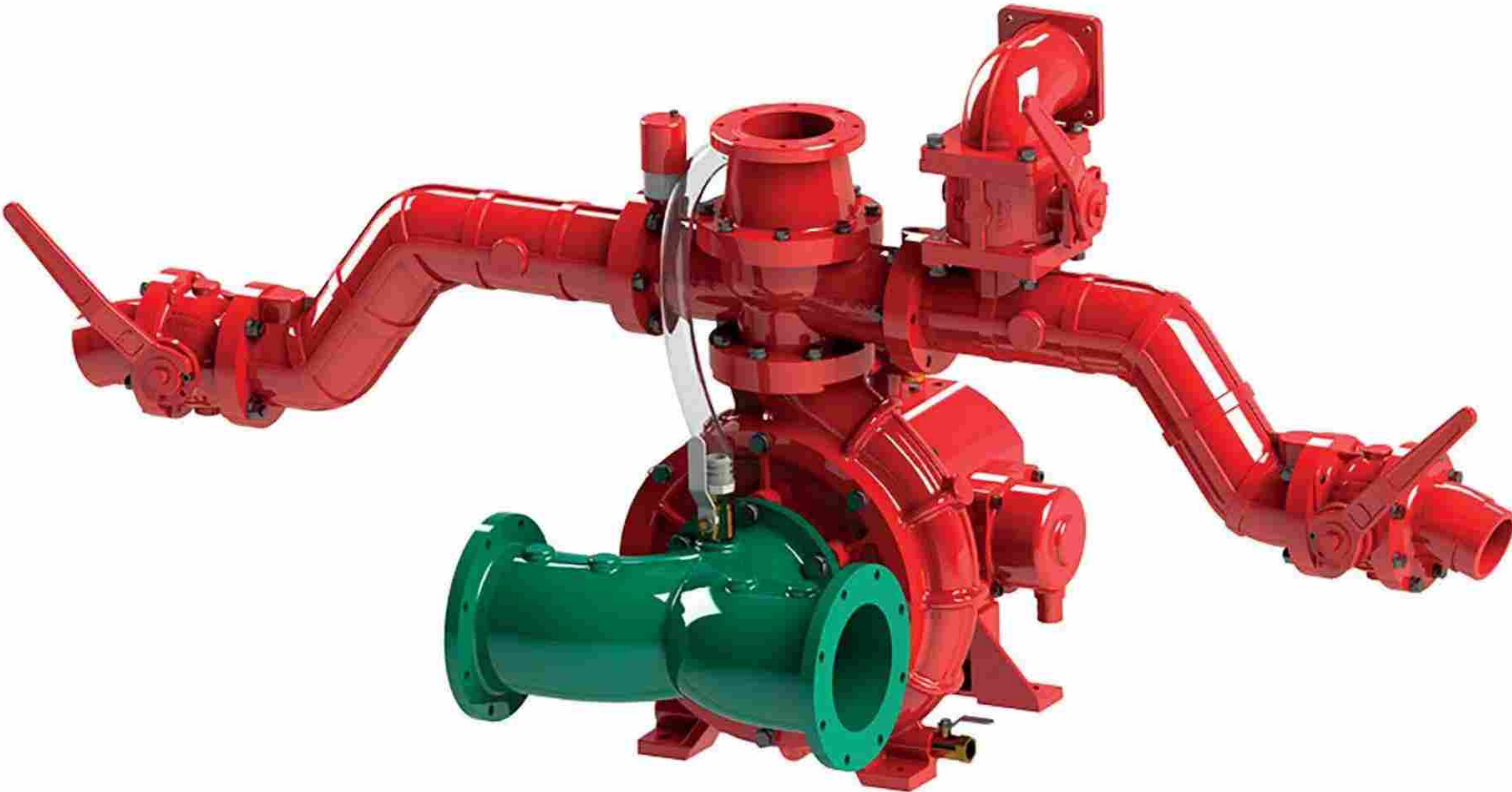
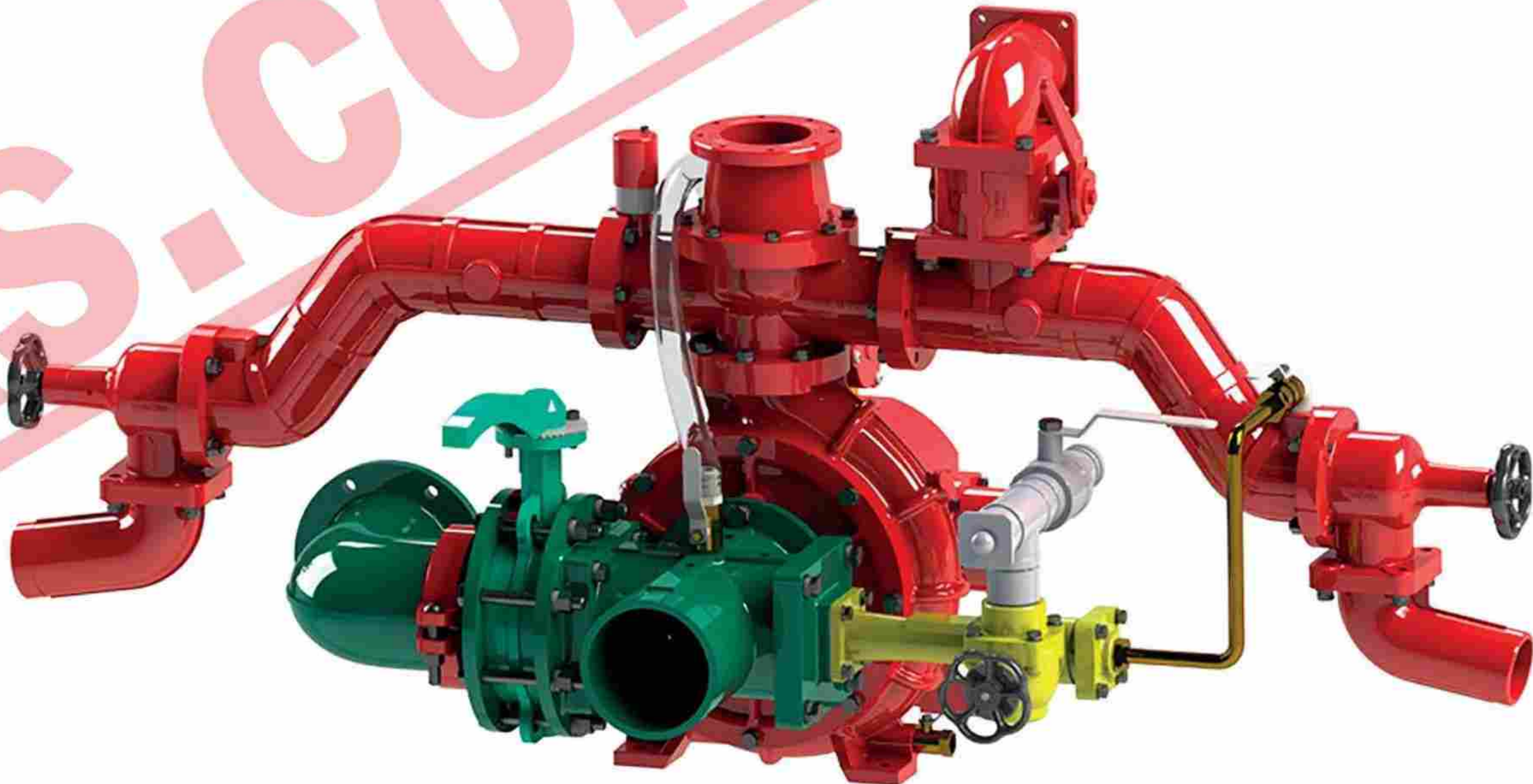
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	40	1.0	3135±50	60	3
2	28	1.3	3390±50	60	3
3	20	1.0	3010±50	39	7

Technical Specifications

Materials: Pump body uses A356.2 steel, A356.2 impeller, 17-4PH pump shaft, alloy mechanical seal.

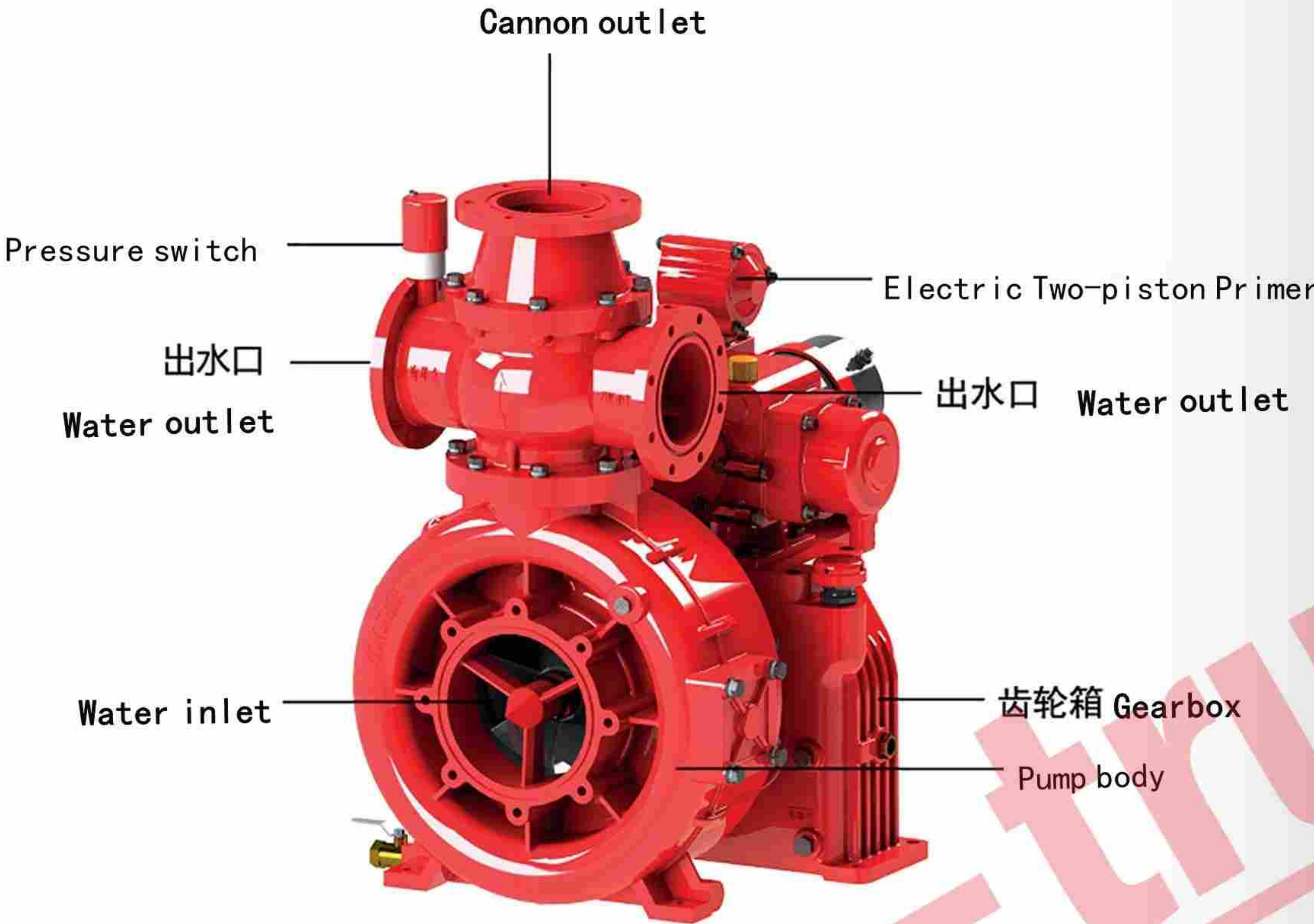
Weight: 73kg (gearbox), 55kg (bearing housing).

Speed ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5.



CB10/60-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/60-XZ low-pressure fire pump adopts a vane-guided single-stage centrifugal design with fully die-cast aluminum pump body. Equipped with an electric dual-piston priming device driven by an independent motor, the pump can prime water without rotating the main pump, effectively protecting the mechanical seal. The priming pump automatically shuts off once pressure reaches the set value. The pump runs stably with easy operation and consistent reliability. All performance metrics meet GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

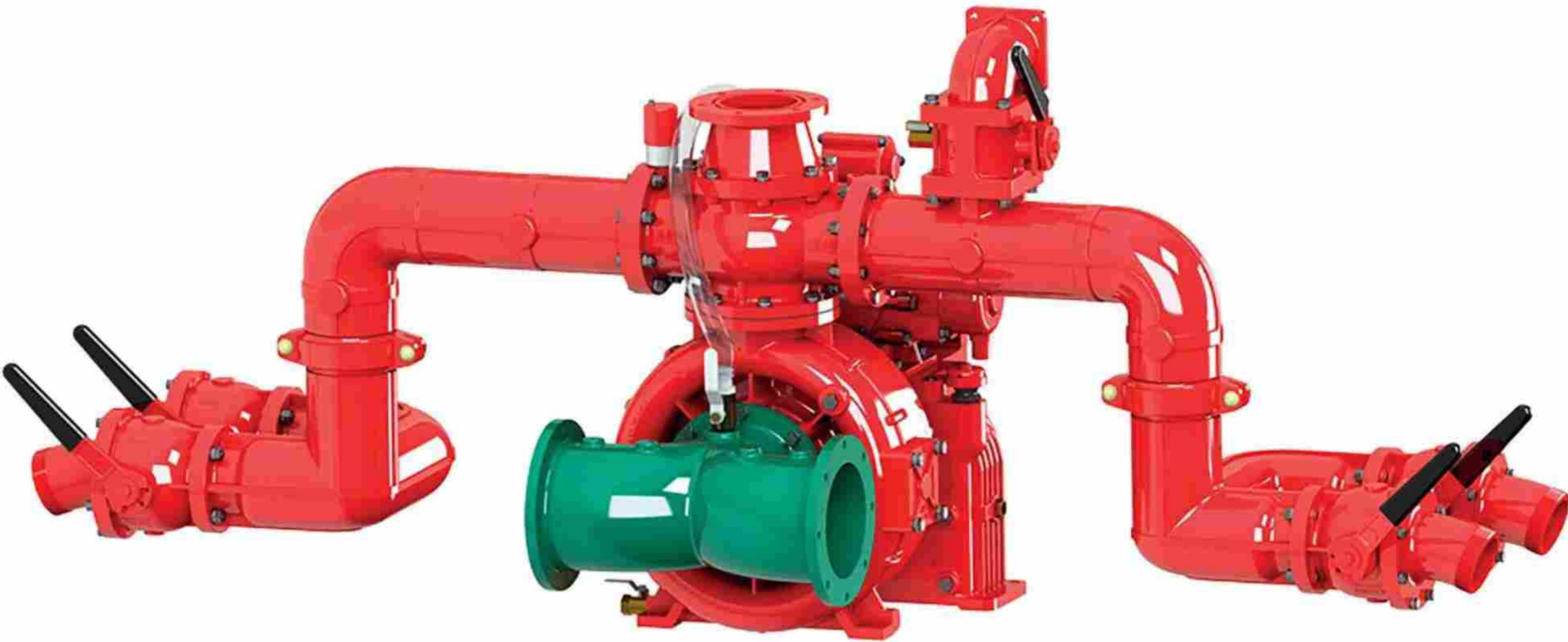
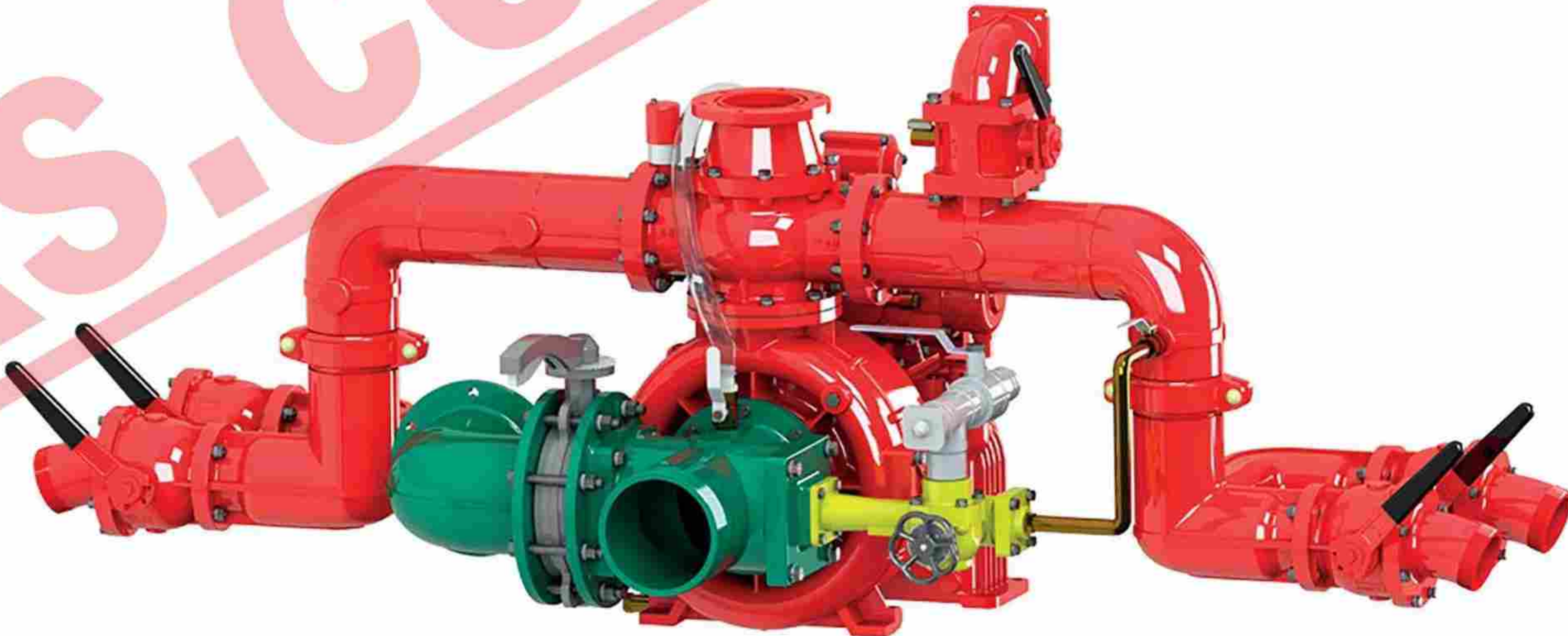
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	60	1.0	3286±50	102	3
2	42	1.3	3519±50	106	3
3	30	1.0	3120±50	73	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

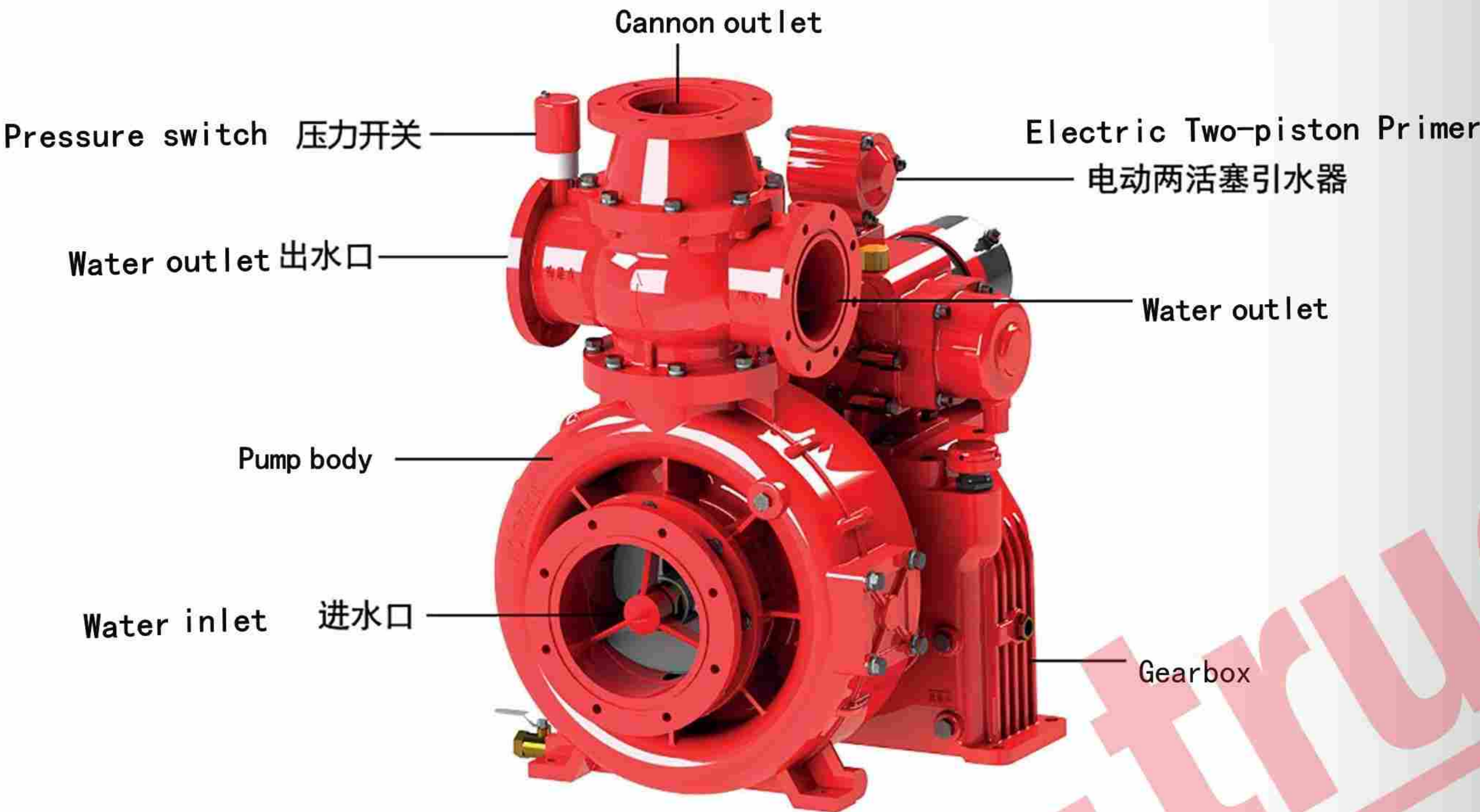
Weight: 92kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB10/80-XZ (Single Stage)

(车用消防泵 /Vehicle fire pump)



The CB10/80-XZ single-stage low-pressure fire pump adopts a vane-guided single-stage centrifugal design with fully die-cast aluminum pump body. Equipped with an electric dual-piston priming device driven by an independent motor, the pump can prime water without rotating the main pump, effectively protecting the mechanical seal. The priming pump automatically shuts off once pressure reaches the set value. The pump runs stably with easy operation and consistent reliability. All performance metrics meet GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	80	1.0	3400±50	137	3
2	56	1.3	3500±50	127	3
3	40	1.0	3240±50	84	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

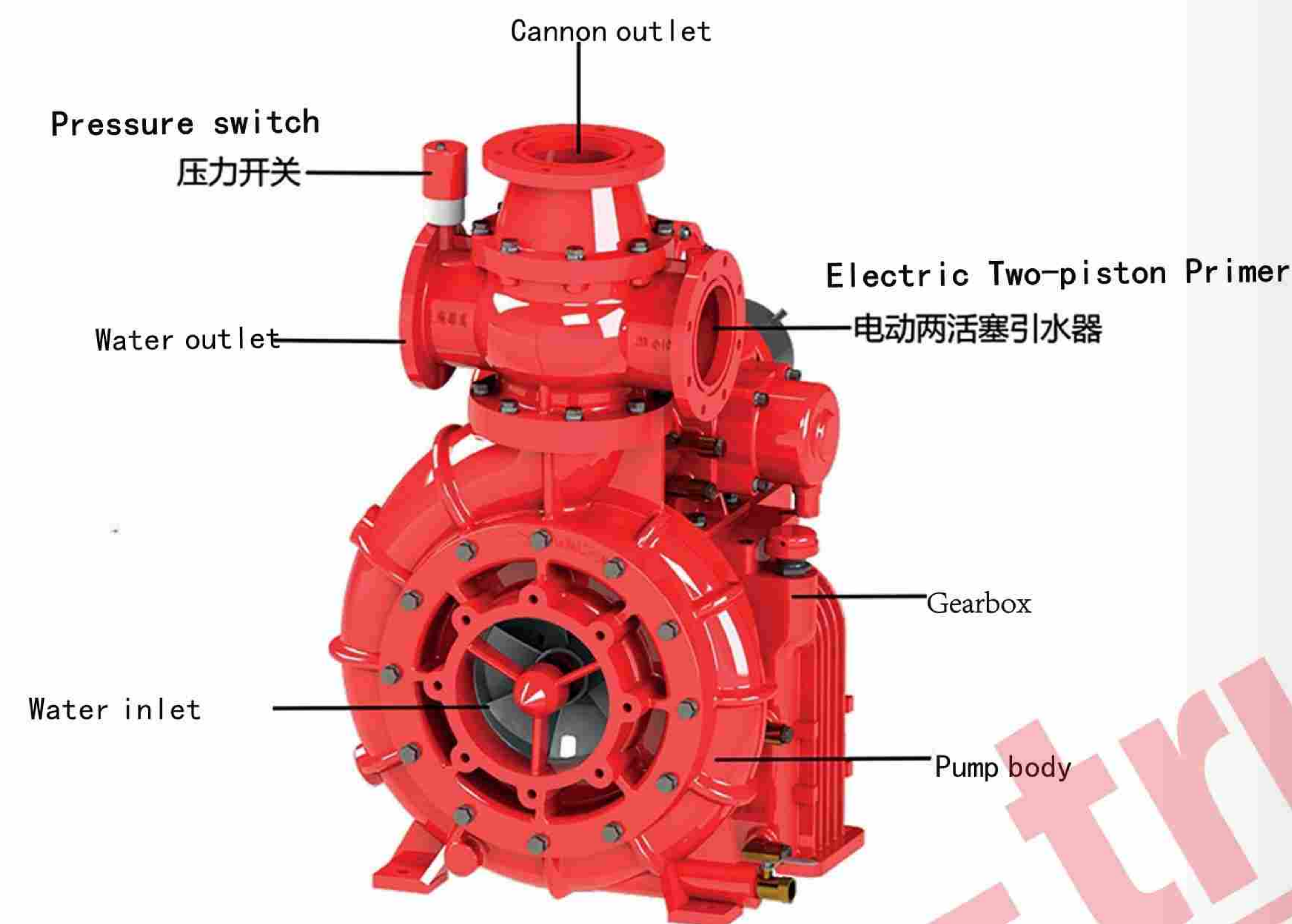
Weight: 96kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB10/80-XZ-D

(车用消防泵 /Vehicle fire pump)



The CB10/80-XZ-D low-pressure fire pump adopts a volute centrifugal structure with fully die-cast aluminum pump body. Equipped with an electric dual-piston priming device driven by an independent motor, the pump can prime water without rotating the main pump, effectively protecting the mechanical seal. The priming pump automatically shuts off once pressure reaches the set value. The pump features stable operation and low rotational speed with consistent reliability. All performance metrics meet GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

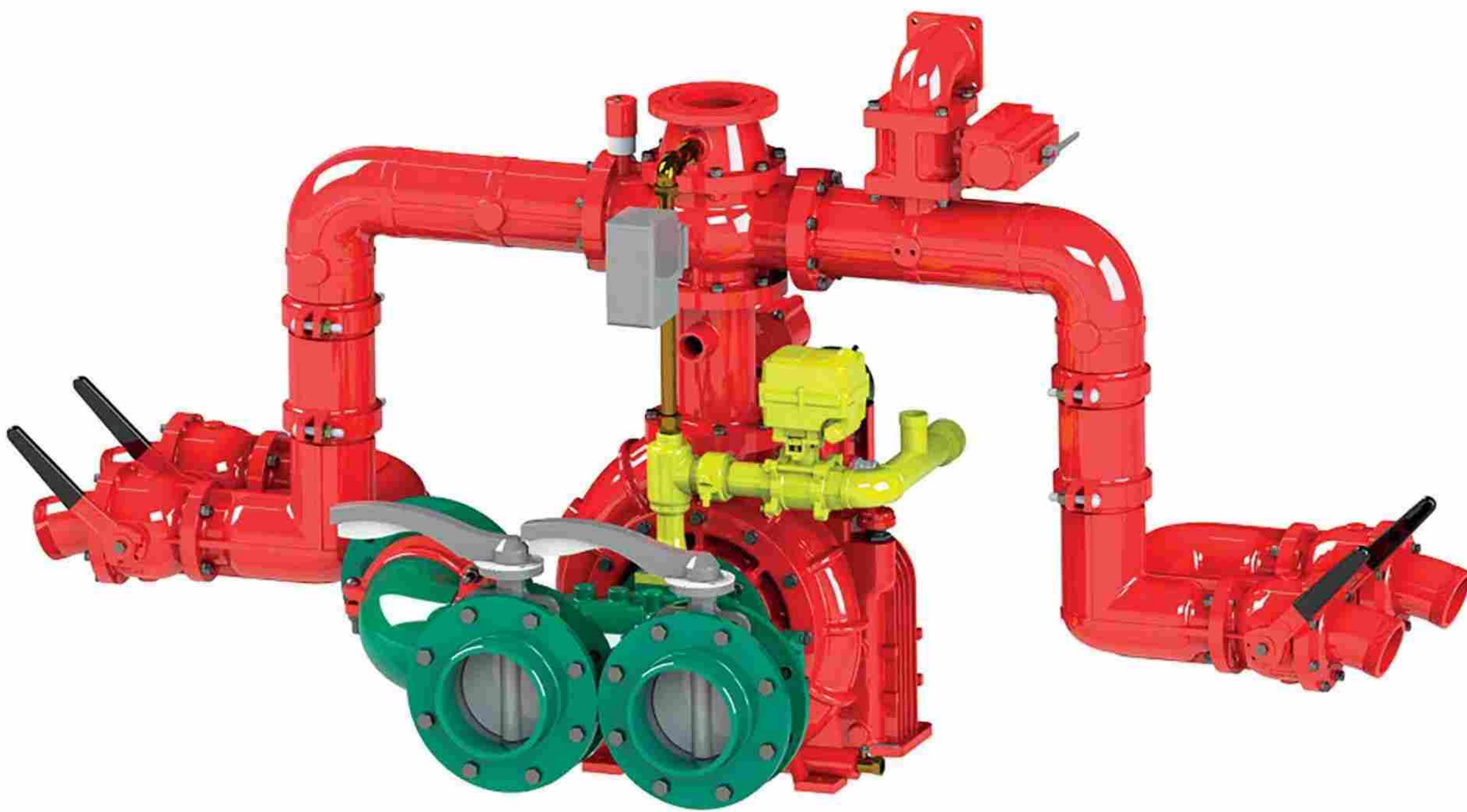
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	80	1.0	3410±50	120	3
2	56	1.3	3630±50	122	3
3	40	1.0	3230±50	72	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

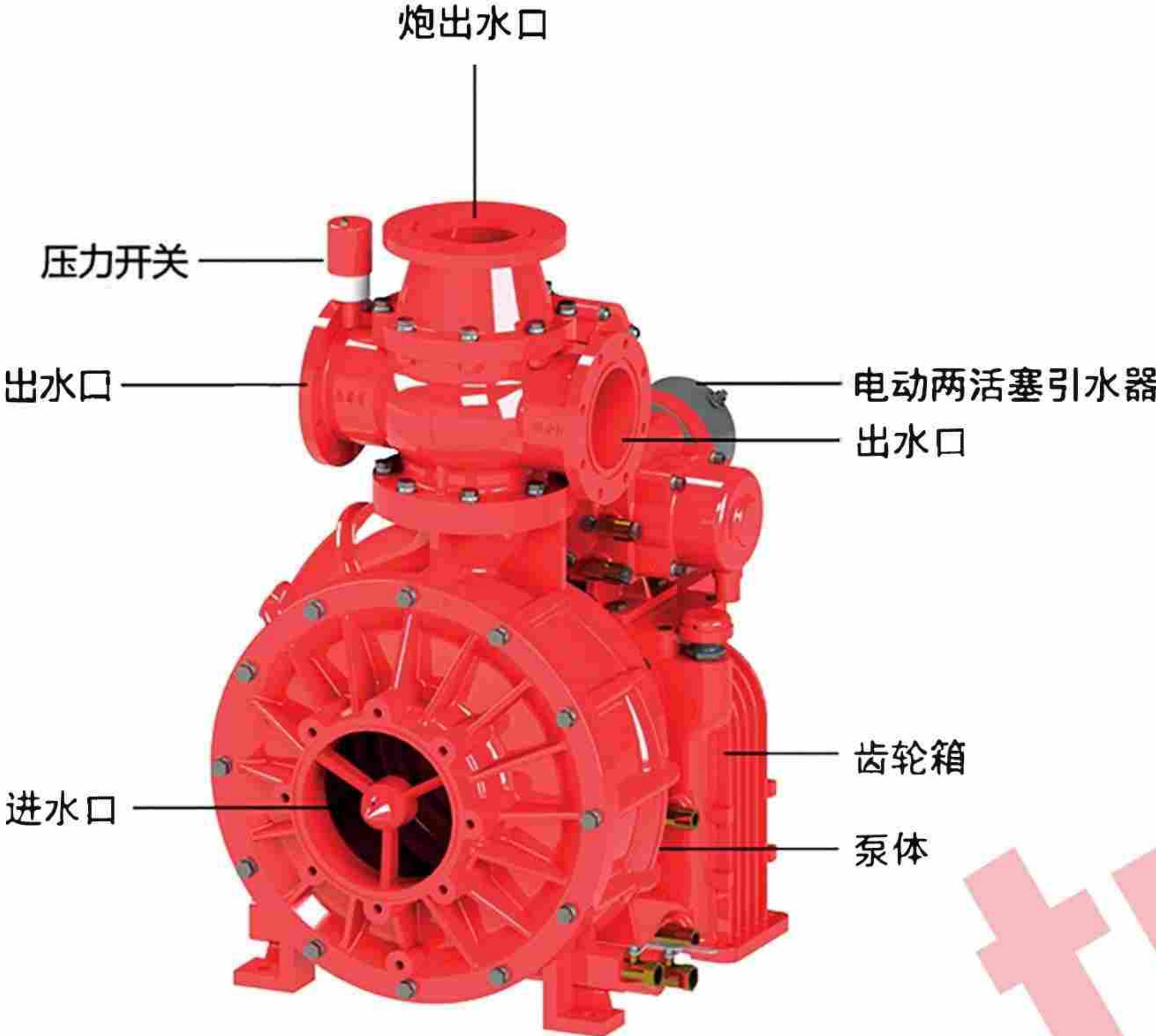
Weight: 103kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB10/80-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/80-XZ low-pressure fire pump adopts a volute centrifugal structure with fully die-cast aluminum pump body. Equipped with an electric dual-piston priming device driven by an independent motor, the pump can prime water without rotating the main pump, effectively protecting the mechanical seal. The priming pump automatically shuts off once pressure reaches the set value. The pump features stable operation and low rotational speed with consistent reliability. All performance metrics meet GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

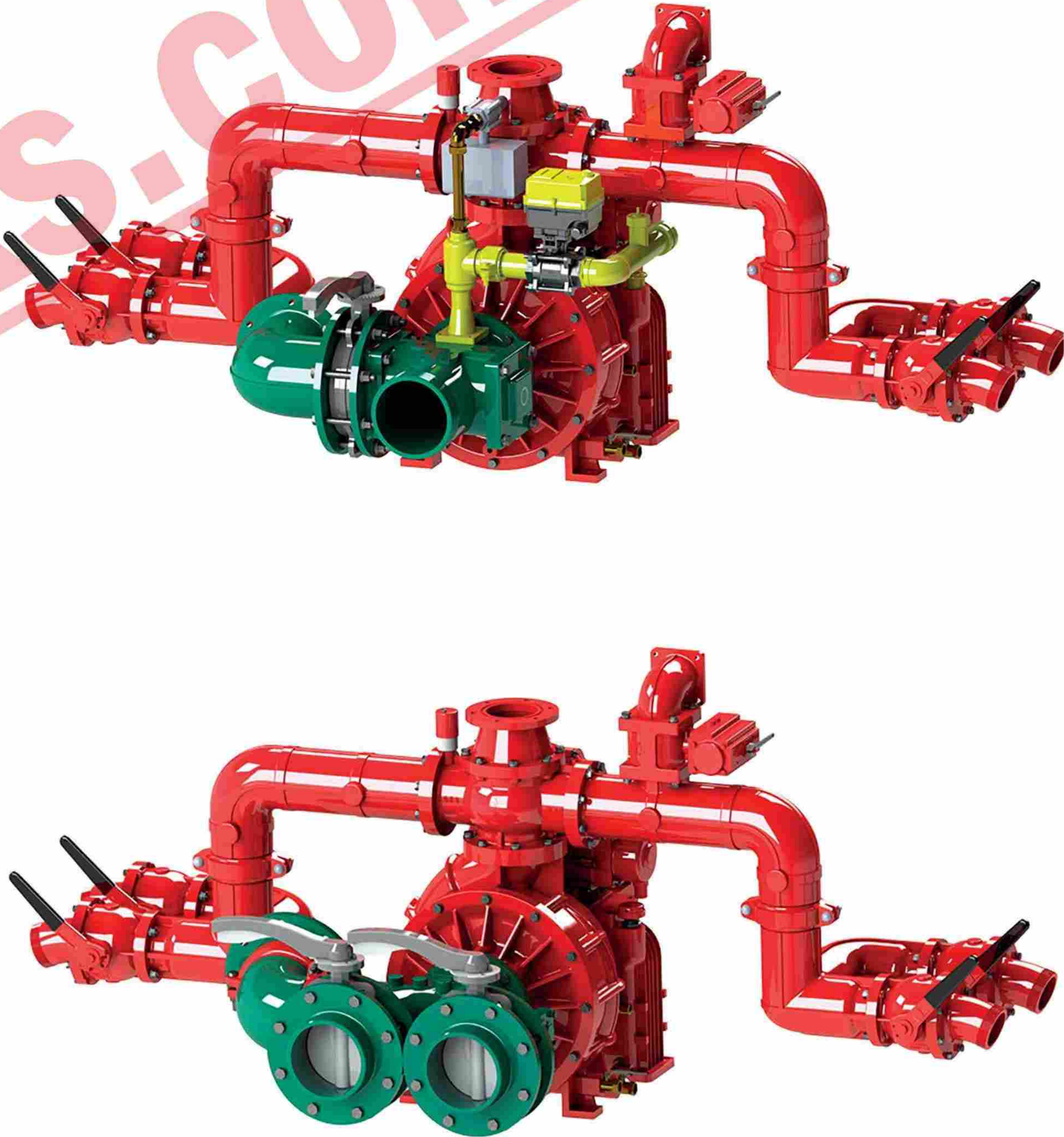
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	80	1.0	2575±50	137	3
2	56	1.3	2650±50	129	3
3	40	1.0	2300±50	83	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

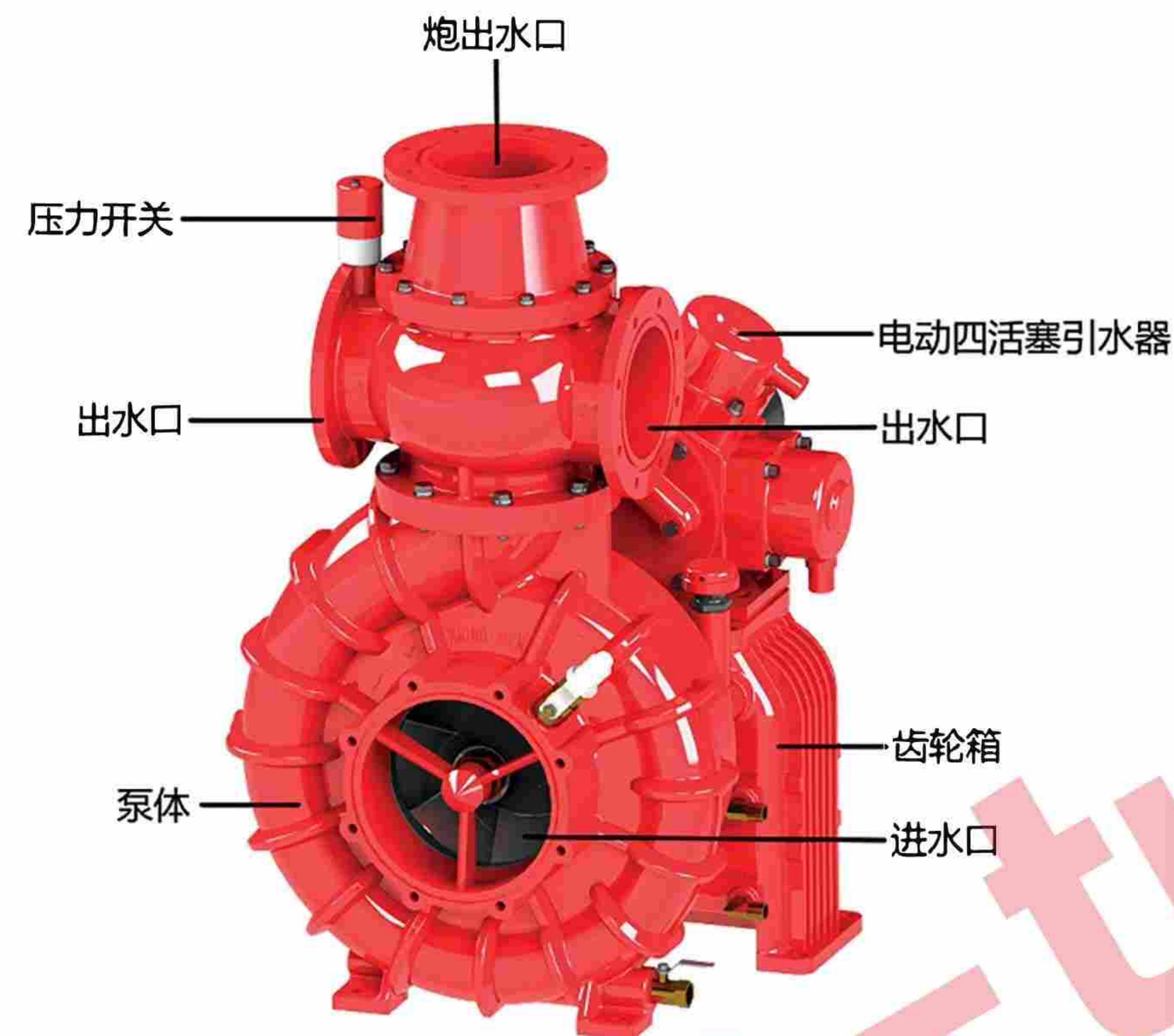
Weight: 118kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB10/100-XZ-D

(车用消防泵 /Vehicle fire pump)



The CB10/100-XZ-D low-pressure fire pump adopts a lightweight single-impeller volute centrifugal design with fully die-cast aluminum pump body. Equipped with an electric four-piston priming device driven by an independent motor, the pump can prime water without rotating the main pump, effectively protecting the mechanical seal. The priming pump automatically shuts off once pressure reaches the set value. The pump features stable operation and low rotational speed with consistent reliability. All performance metrics meet GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

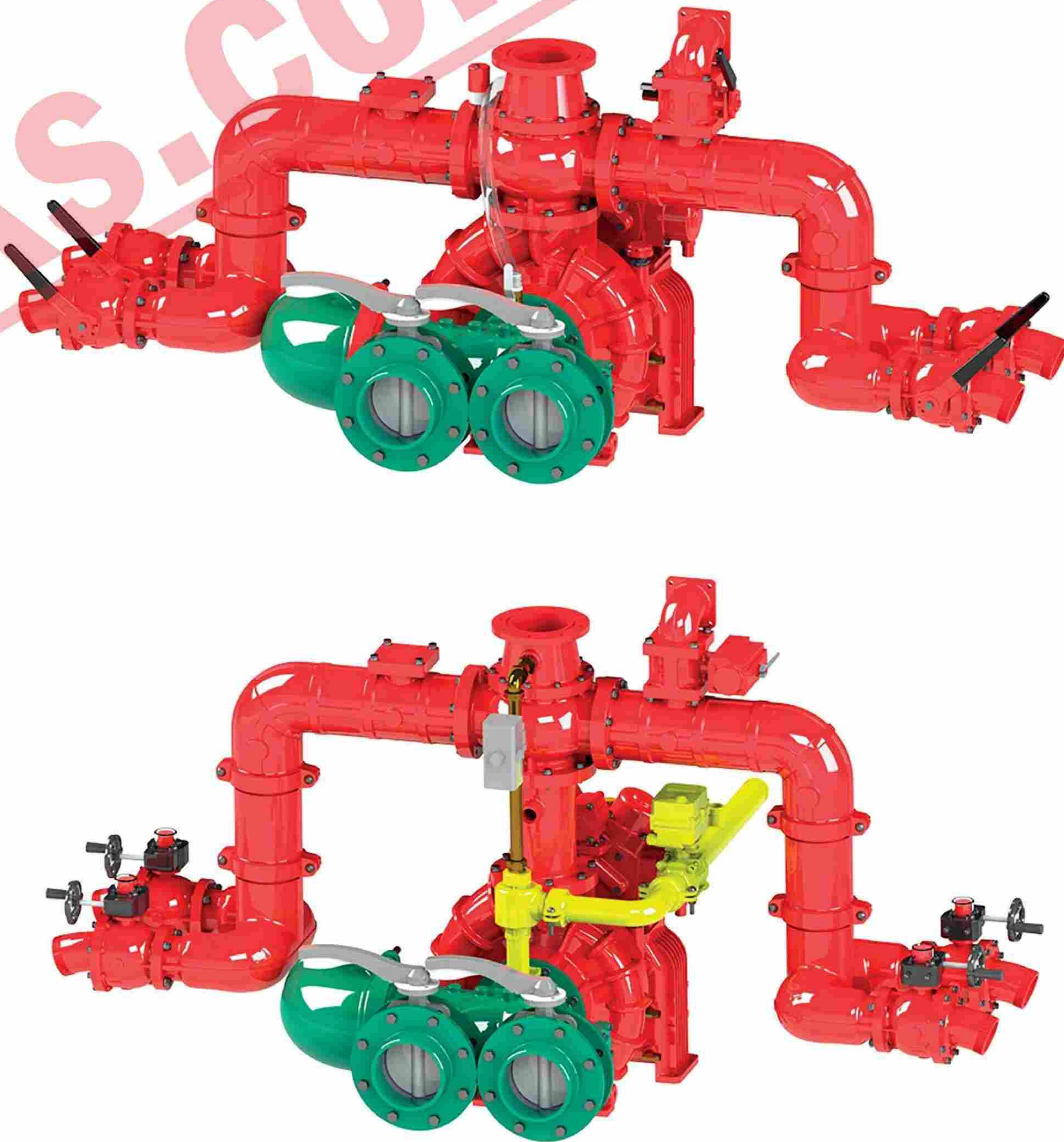
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	100	1.0	2970±50	152	3
2	70	1.3	3170±50	154	3
3	50	1.0	2810±50	98	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

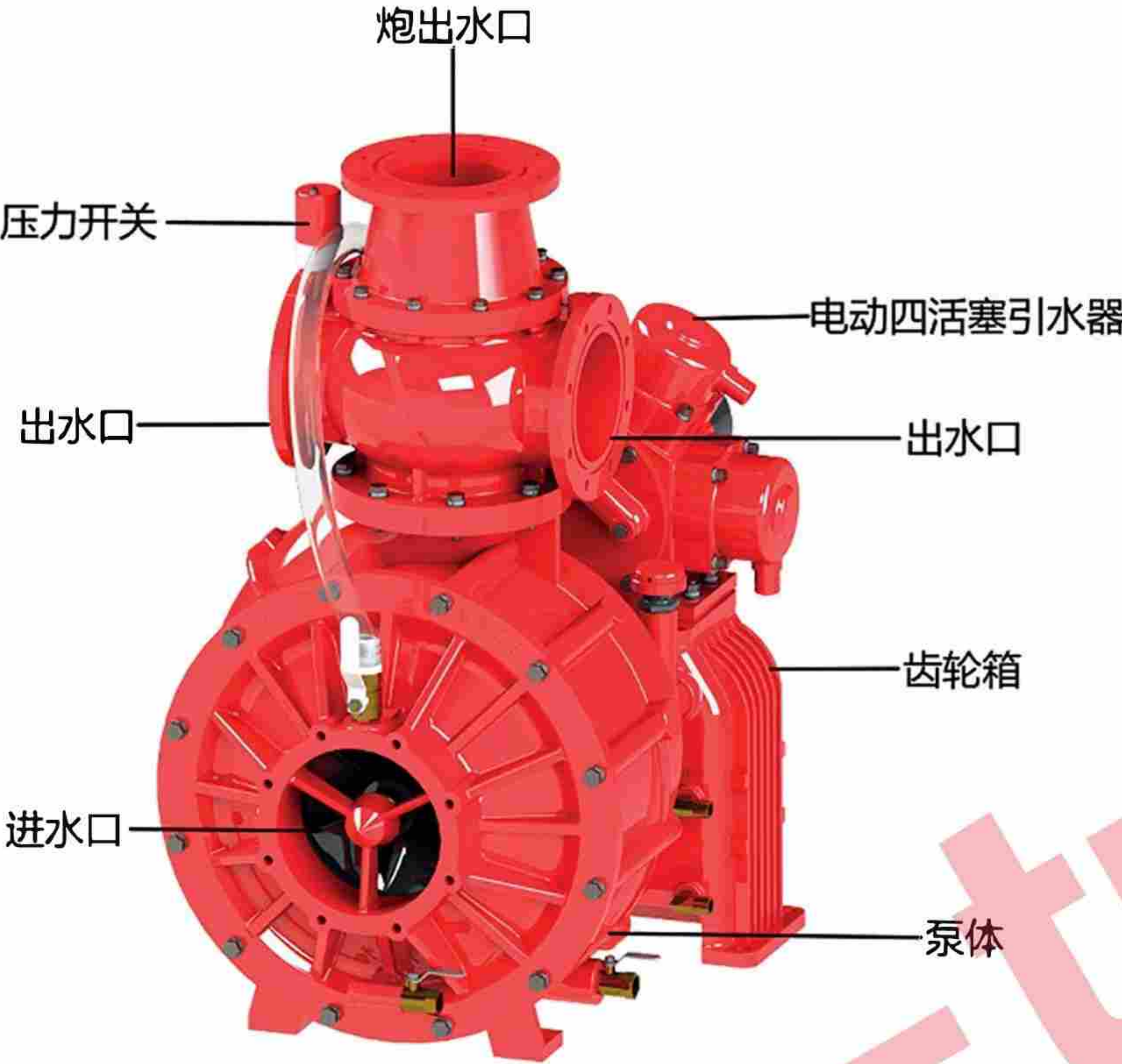
Weight: 112kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB10/100-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/100-XZ low-pressure fire pump adopts a volute two-stage centrifugal design with fully die-cast aluminum pump body. Equipped with an electric dual-piston priming device driven by an independent motor, the pump can prime water without rotating the main pump, effectively protecting the mechanical seal. The priming pump automatically shuts off once pressure reaches the set value. The pump features stable operation and low rotational speed with consistent reliability. All performance metrics meet GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

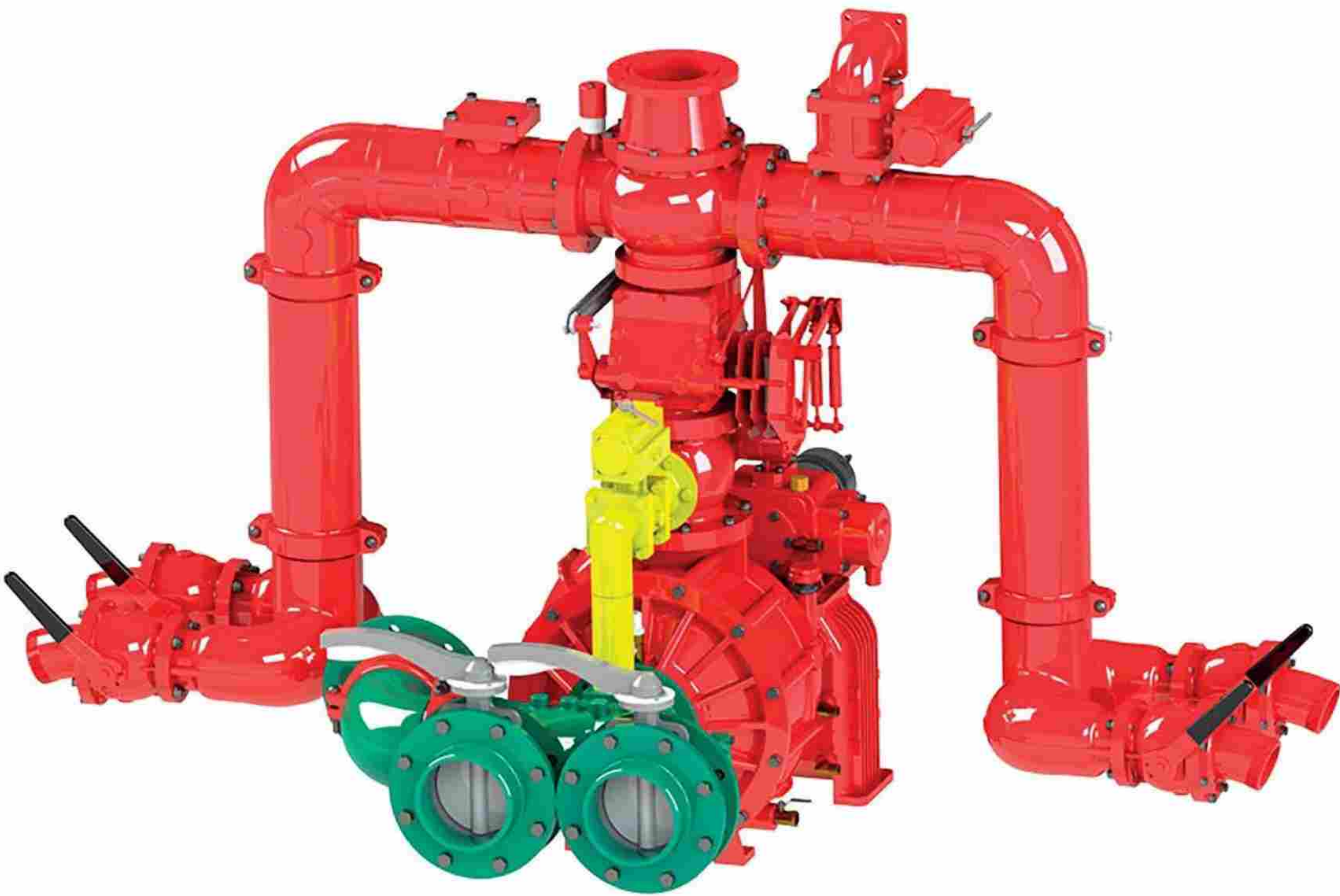
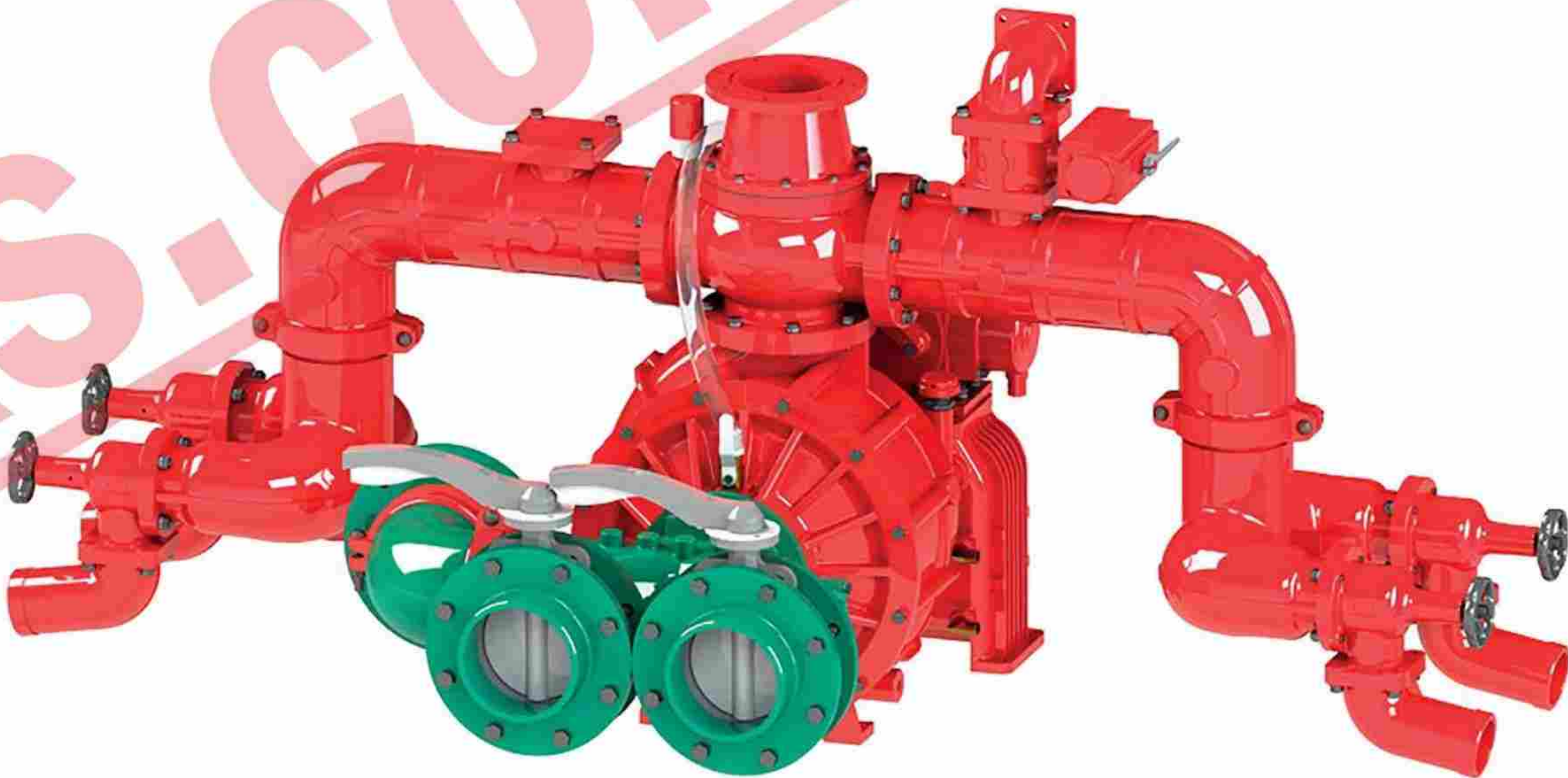
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	100	1.0	2270±50	149	3
2	70	1.3	2320±50	137	3
3	50	1.0	2050±50	115	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

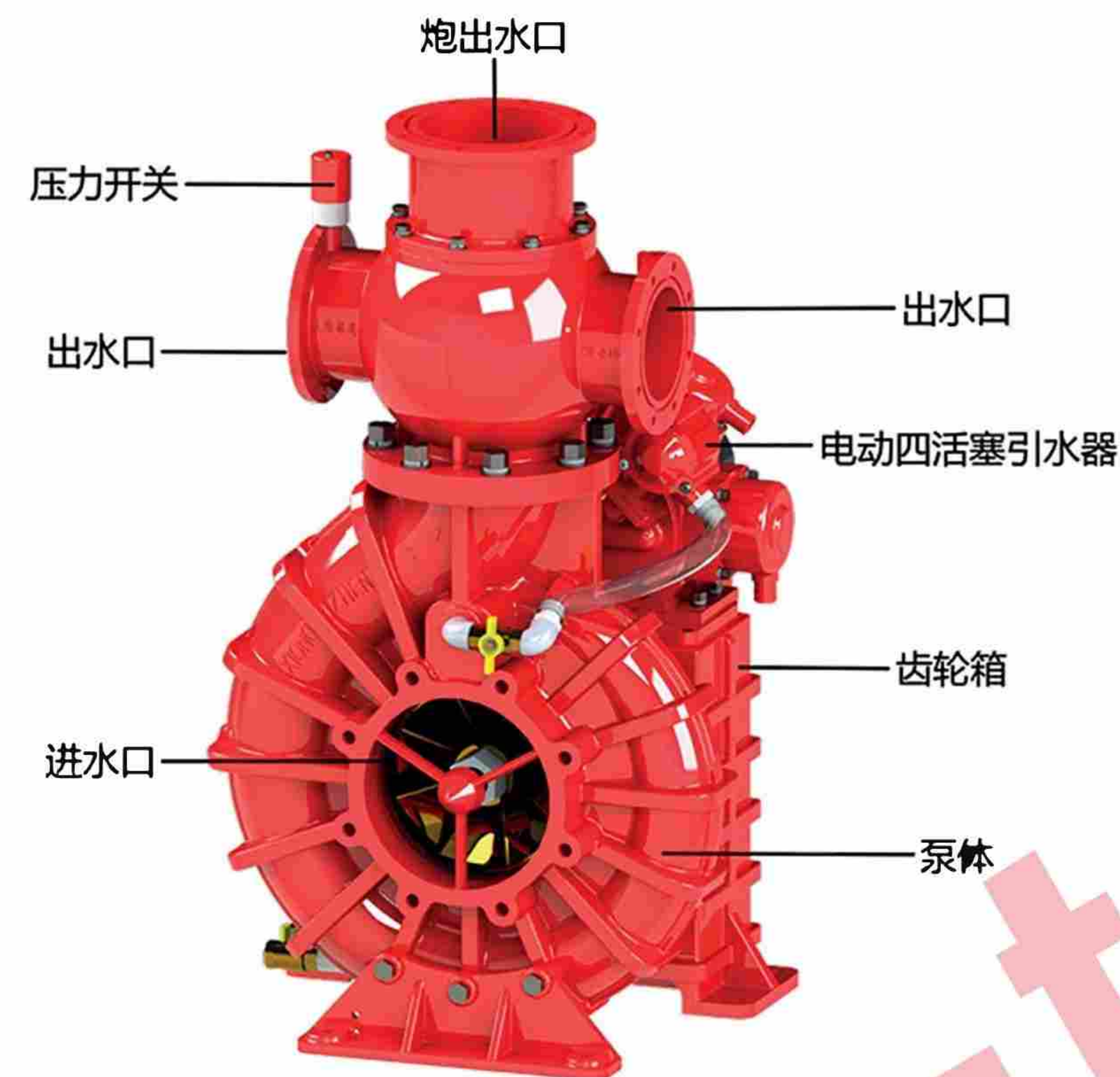
Weight: 145kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB10/120-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/120-XZ low-pressure fire pump adopts a single-stage centrifugal structure with impellers fitted with balance rings and balance holes, which drastically reduce axial and radial forces to extend service life. It is equipped with an electric four-piston priming device capable of priming water without main pump rotation, preventing mechanical seal burnout caused by prolonged priming. A CB10/20 foam pump can be optionally installed with pneumatic clutch separation & engagement. The pump delivers superior performance, compact layout, simple operation and easy maintenance. All performance indicators comply with GB6245 standard and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

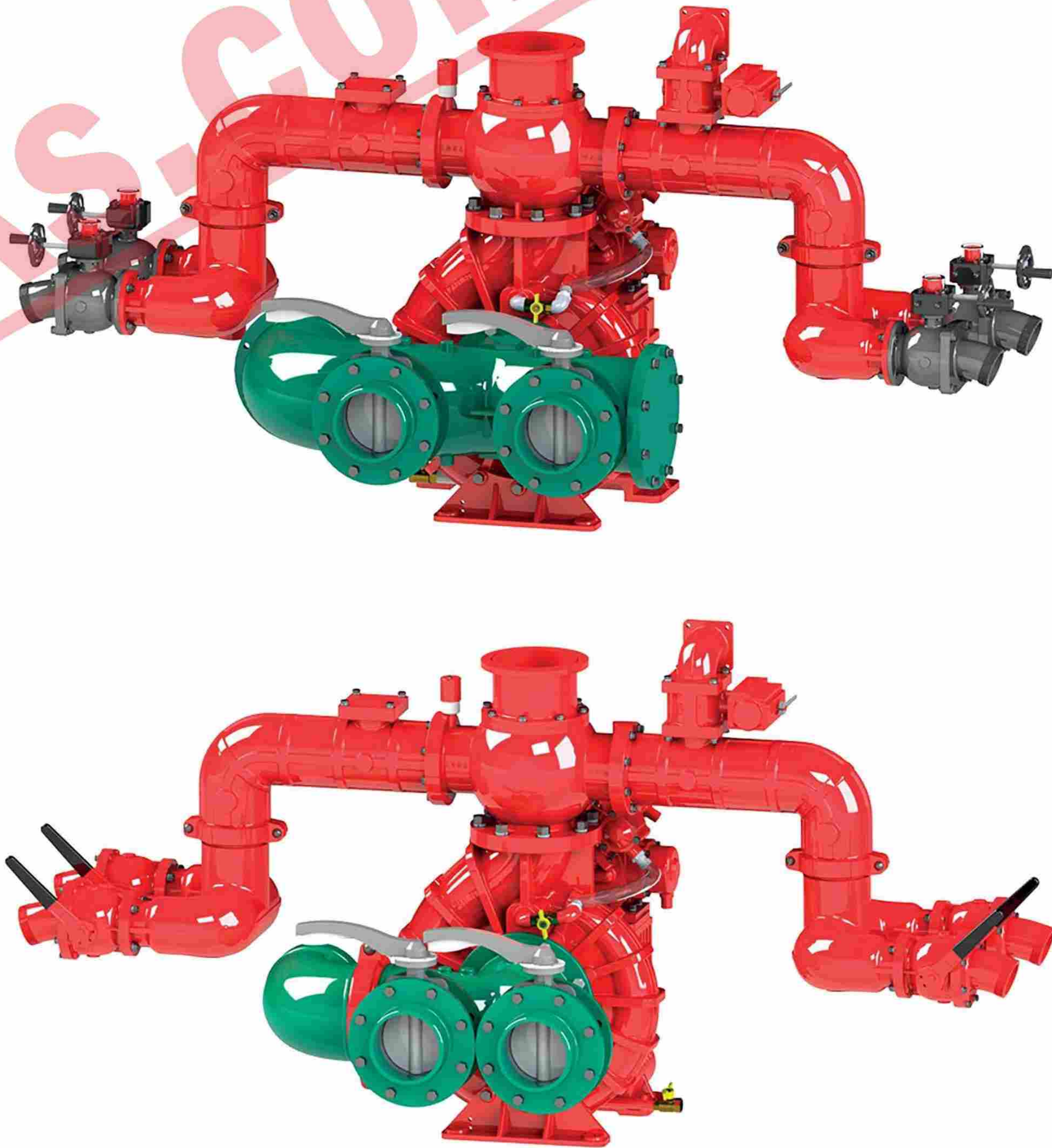
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	120	1.0	2550±50	189	3
2	84	1.3	2800±50	203	3
3	60	1.0	2530±50	134	7

Technical Specifications

Materials: Pump body A356.2, Impeller HSi80-3 / 304 Stainless Steel, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

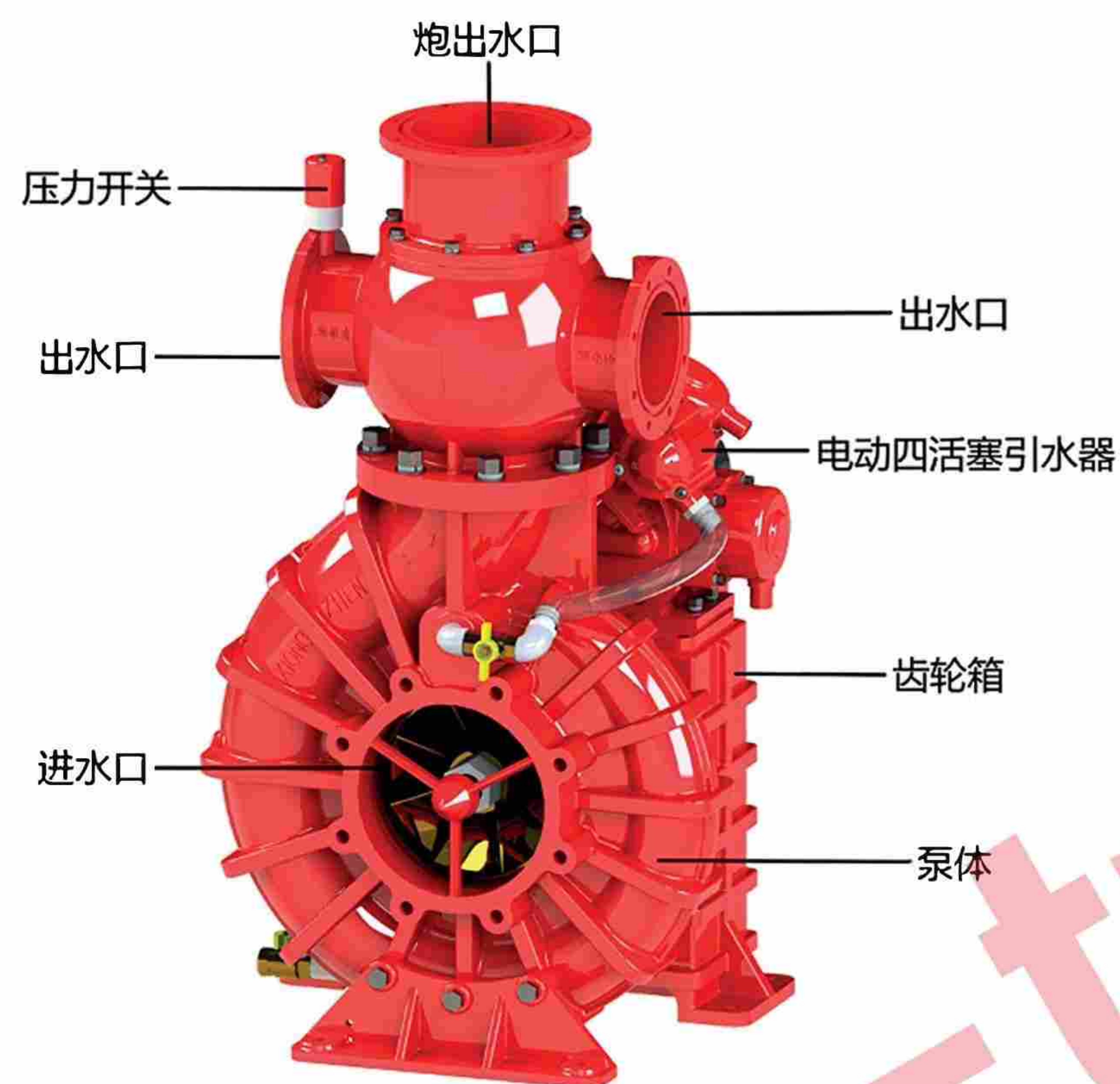
Weight: 185kg (Excluding Inlet & Outlet Pipelines)

Optional Gear Ratios: 1.029, 1.09, 1.156, 1.226, 1.3, 1.464, 1.555, 1.653



CB10/140-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/140-XZ low-pressure fire pump adopts a single-stage centrifugal structure with impellers fitted with balance rings and balance holes, which drastically reduce axial and radial forces to extend service life. It is equipped with an electric four-piston priming device capable of priming water without main pump rotation, preventing mechanical seal burnout caused by prolonged priming. A CB10/20 foam pump can be optionally installed with pneumatic clutch separation & engagement. The pump delivers superior performance, compact layout, simple operation and easy maintenance. All performance indicators comply with GB6245 standard and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

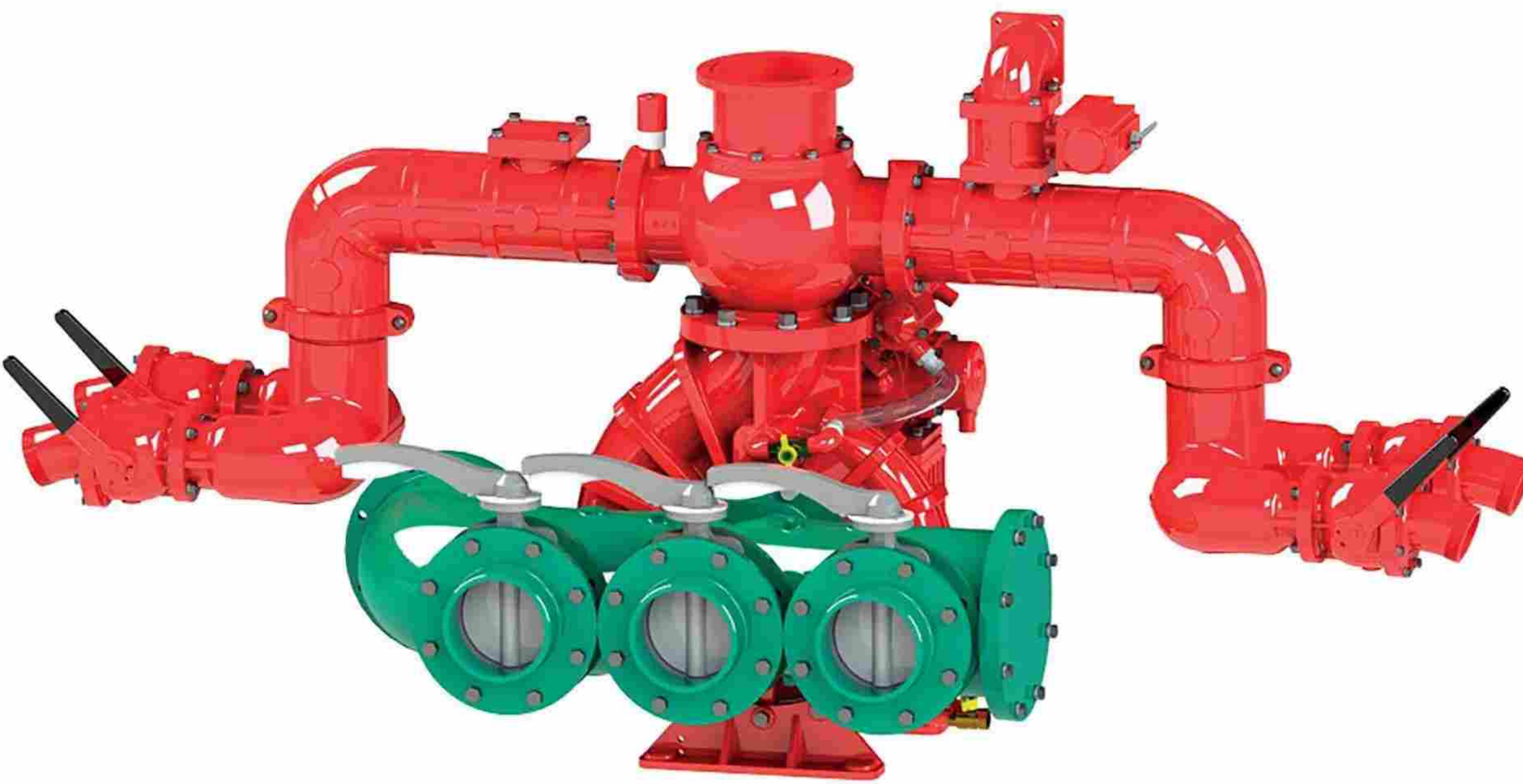
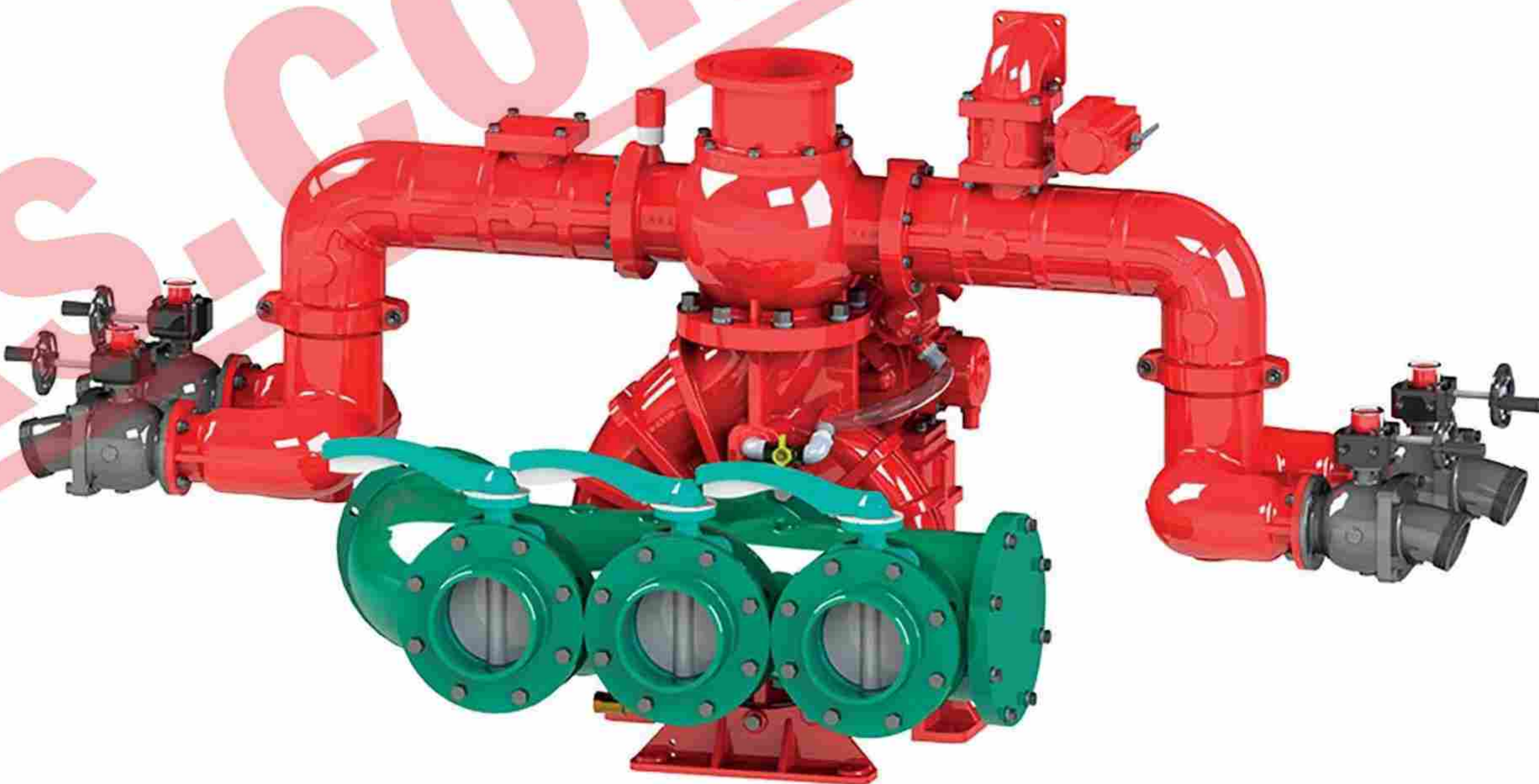
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	140	1.0	2600±50	212	3
2	98	1.3	2810±50	219	3
3	70	1.0	2600±50	150	7

Technical Specifications

Materials: Pump body A356.2, Impeller HSi80-3 / 304 Stainless Steel, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

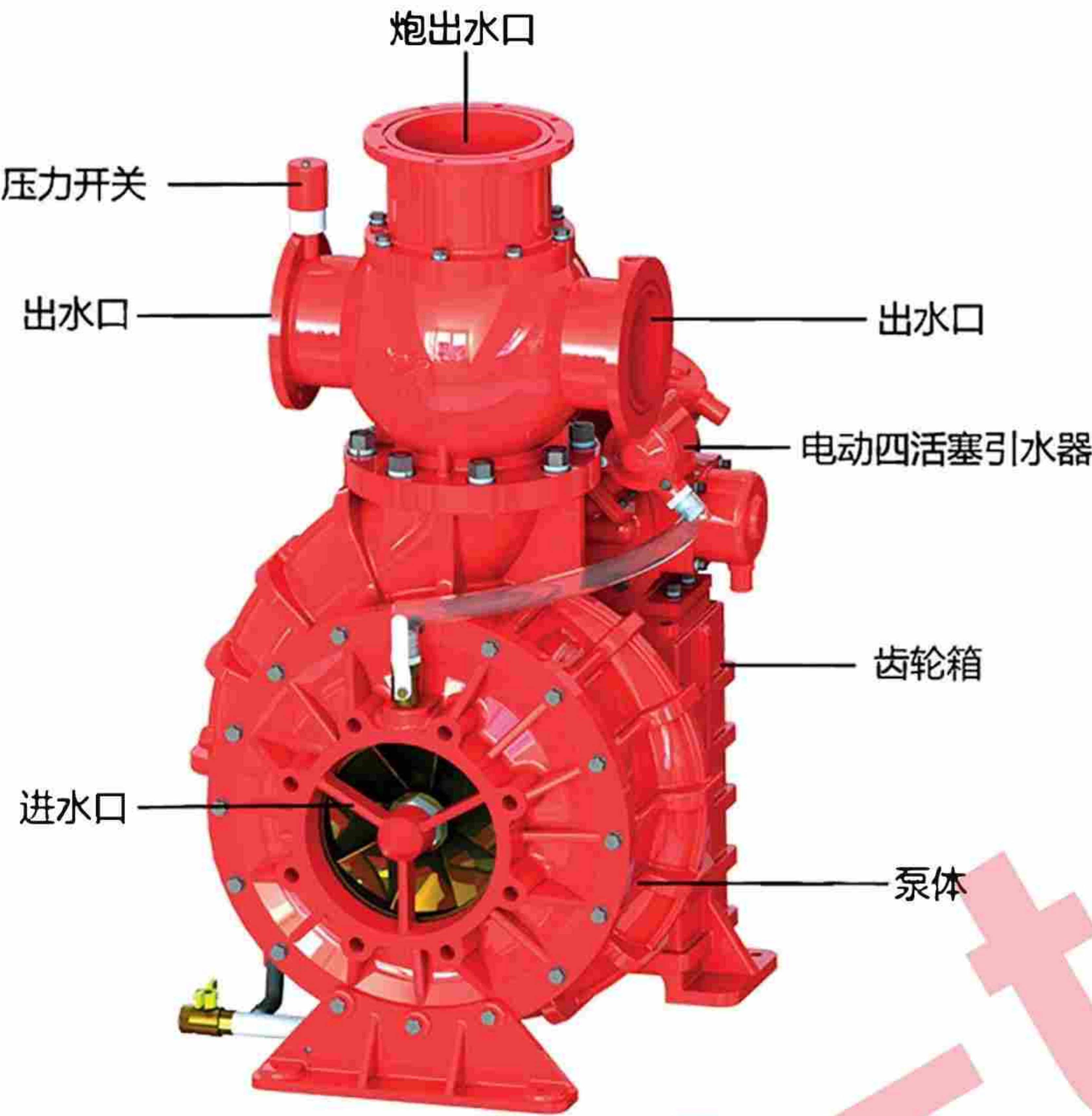
Weight: 185kg (Excluding Inlet & Outlet Pipelines)

Optional Gear Ratios: 1.029, 1.09, 1.156, 1.226, 1.3, 1.464, 1.555, 1.653



CB10/150-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/150-XZ low-pressure fire pump adopts an integrated dual-stage impeller vane housing structure with A356.2 cast pump body and corrosion-resistant HSi80-3 impellers. Fitted with an electric four-piston priming unit that automatically cuts off after reaching set pressure. A CB10/20 foam pump can be optionally installed with pneumatic clutch separation & engagement. The pump delivers excellent performance, low operating RPM, stable output, simple operation and convenient maintenance.

Performance Parameters

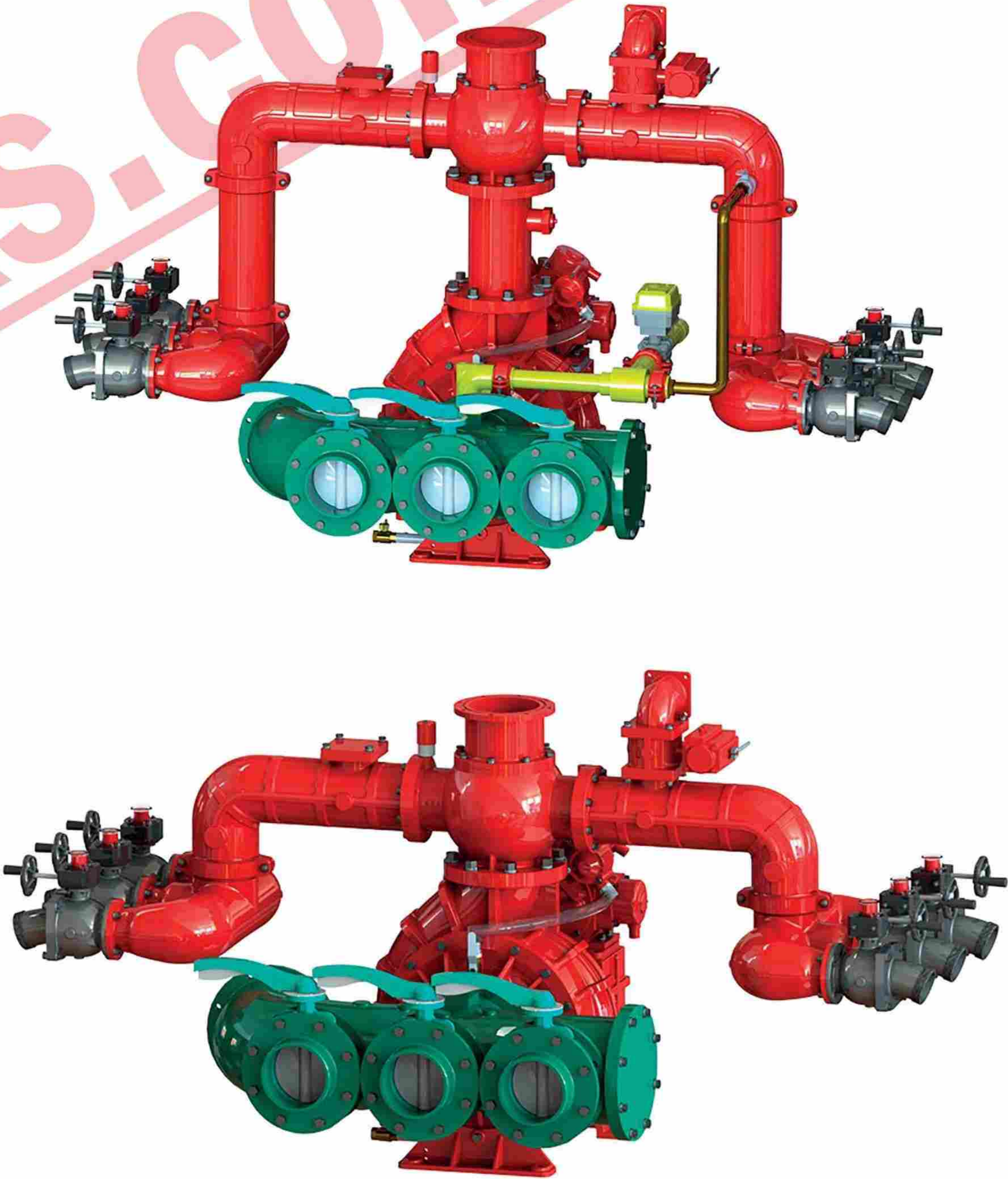
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	150	1.0	2150±50	204	3
2	105	1.3	2160±50	183	3
3	75	1.0	1950±50	129	7

Technical Specifications

Materials: Pump body A356.2, Impeller HSi80-3 or 304 Stainless Steel, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

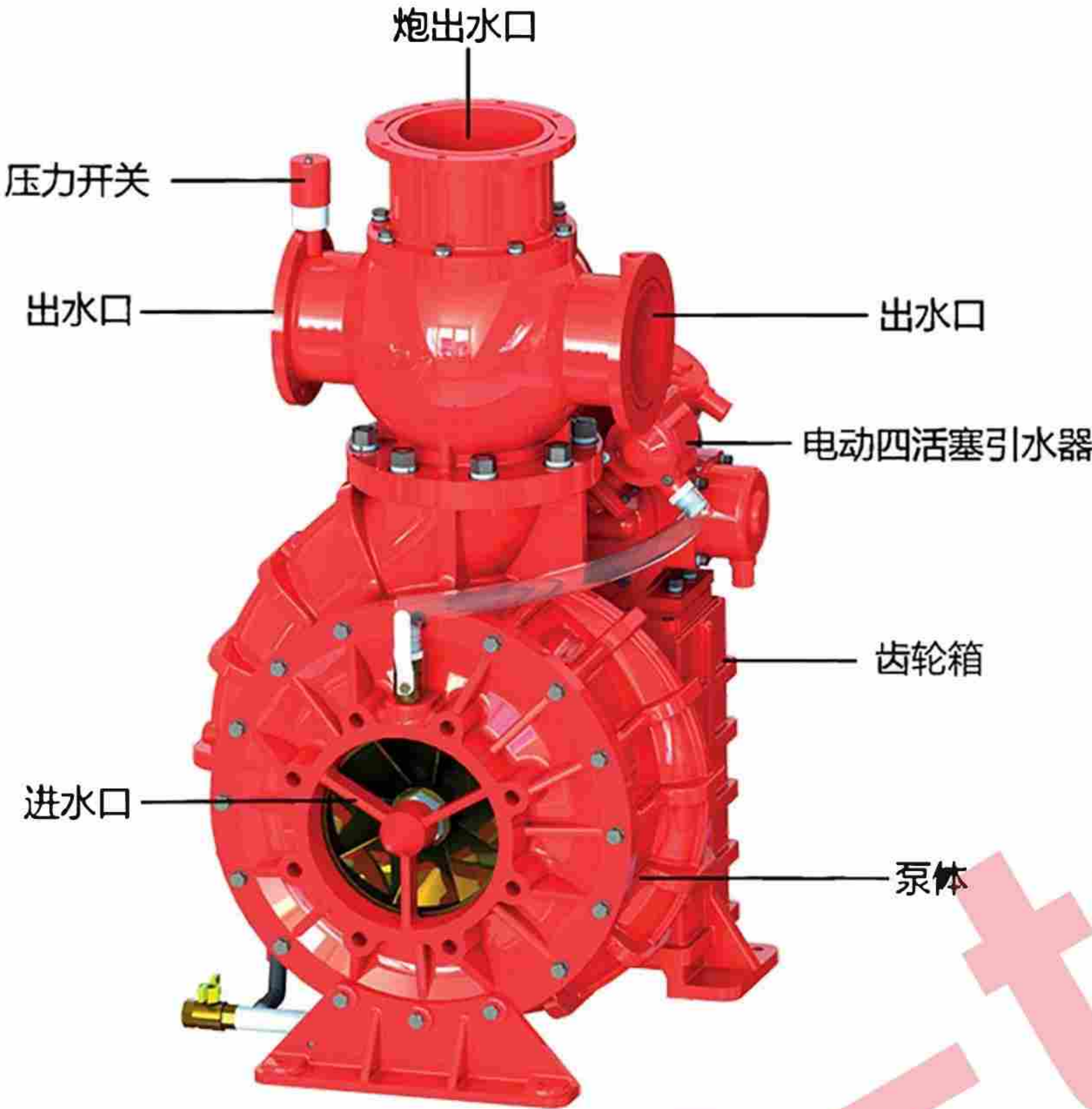
Weight: 220kg (Excluding Inlet & Outlet Pipelines)

Optional Gear Ratios: 1.029, 1.09, 1.156, 1.226, 1.3, 1.464, 1.555, 1.653



CB10/160-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/160-XZ low-pressure fire pump adopts an integrated dual-stage impeller vane housing structure with A356.2 cast pump body and corrosion-resistant HSi80-3 impellers. Fitted with an electric four-piston priming unit that automatically cuts off after reaching set pressure. A CB10/20 foam pump can be optionally installed with pneumatic clutch separation & engagement. The pump delivers excellent performance, low operating RPM, stable output, simple operation and convenient maintenance.

Performance Parameters

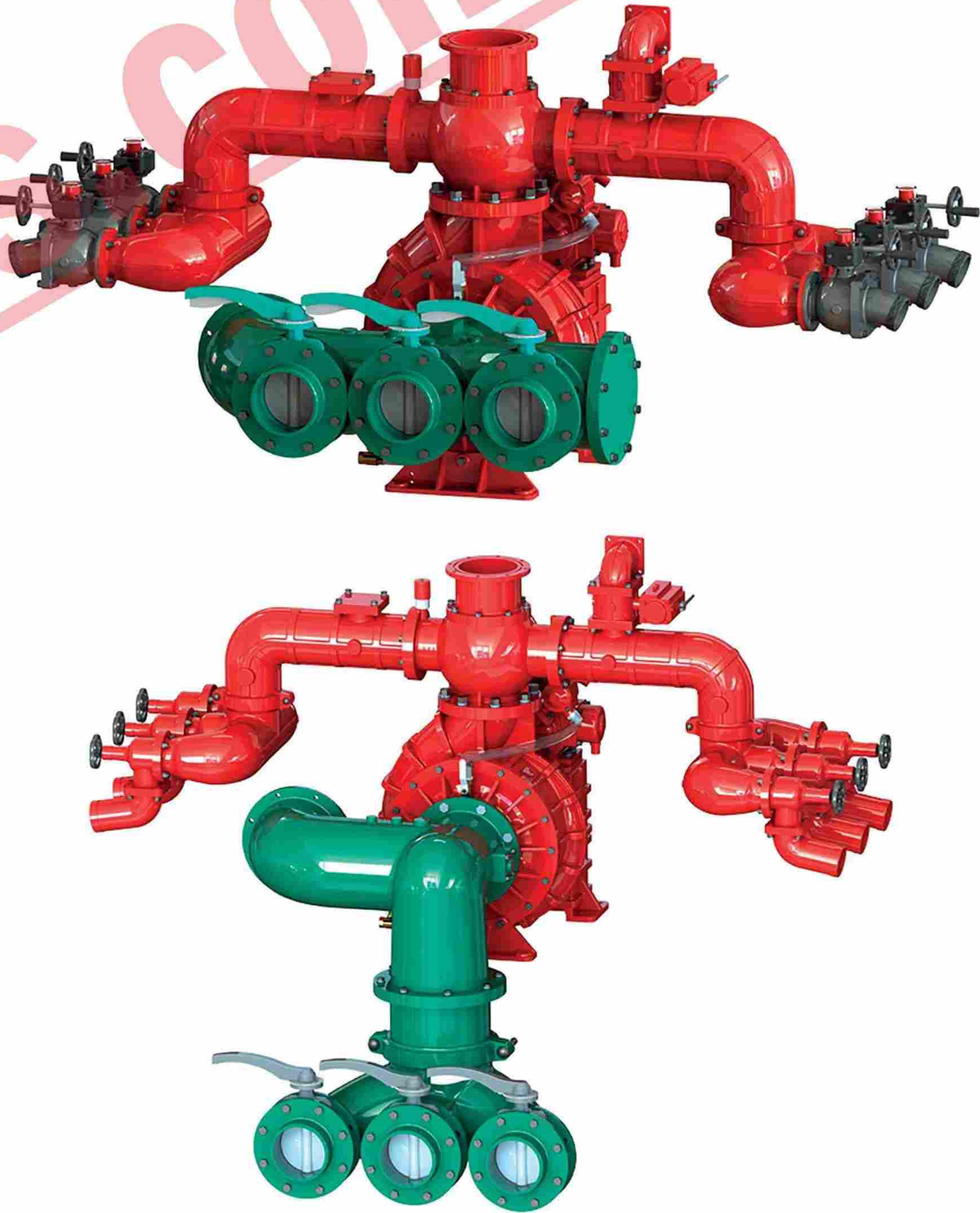
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	160	1.0	2246±50	222	3
2	112	1.3	2212±50	215	3
3	80	1.0	1960±50	130	7

Technical Specifications

Materials: Pump body A356.2, Impeller HSi80-3 or 304 Stainless Steel, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

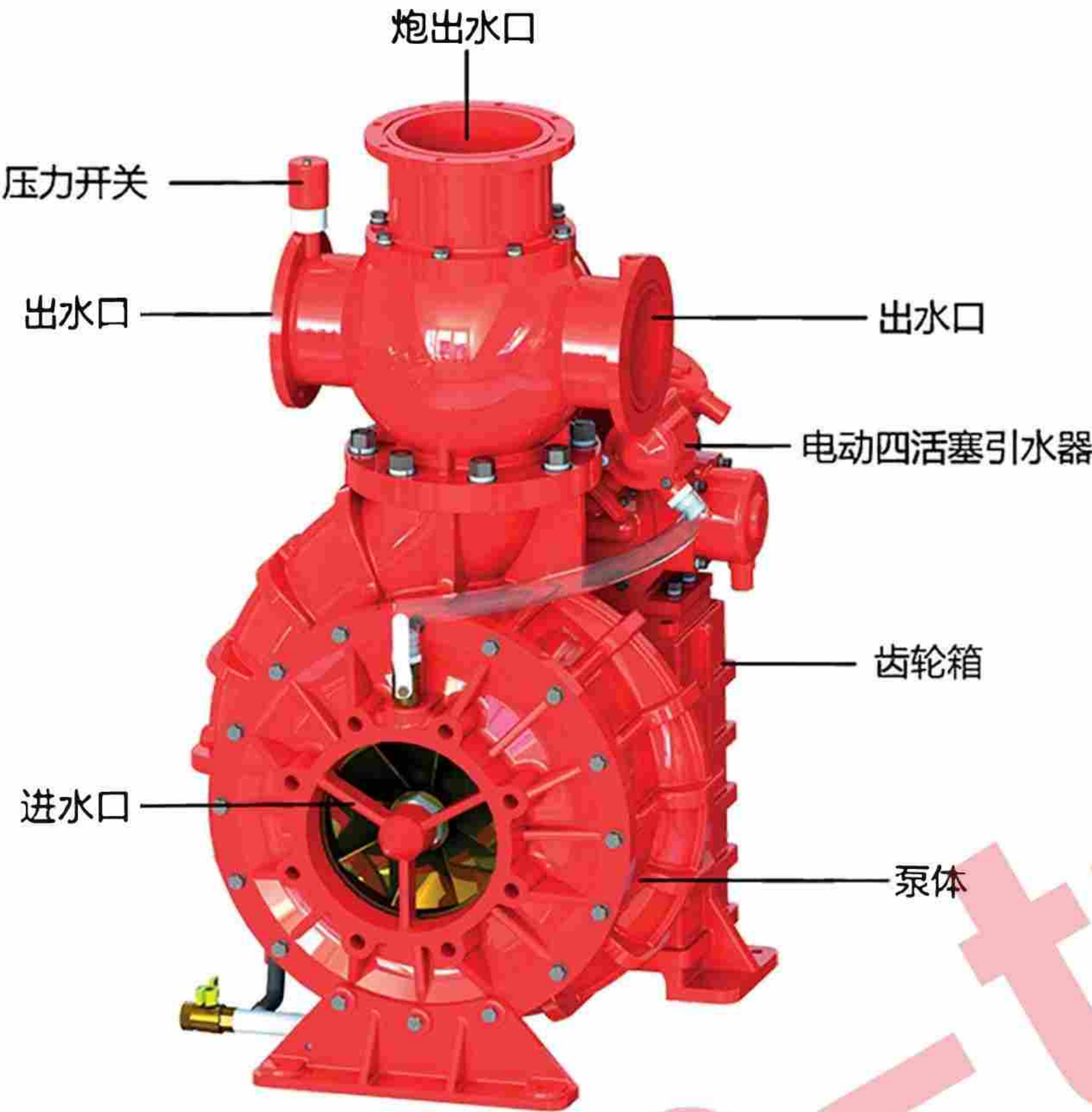
Weight: 220kg (Excluding Inlet & Outlet Pipelines)

Optional Gear Ratios: 1.029, 1.09, 1.156, 1.226, 1.3, 1.464, 1.555, 1.653



CB10/170-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/170-XZ low-pressure fire pump adopts an integrated dual-stage impeller vane housing structure with A356.2 cast pump body and corrosion-resistant HSi80-3 impellers. Fitted with an electric four-piston priming unit that automatically cuts off after reaching set pressure. A CB10/20 foam pump can be optionally installed with pneumatic clutch separation & engagement. The pump delivers excellent performance, low operating RPM, stable output, simple operation and convenient maintenance.

Performance Parameters

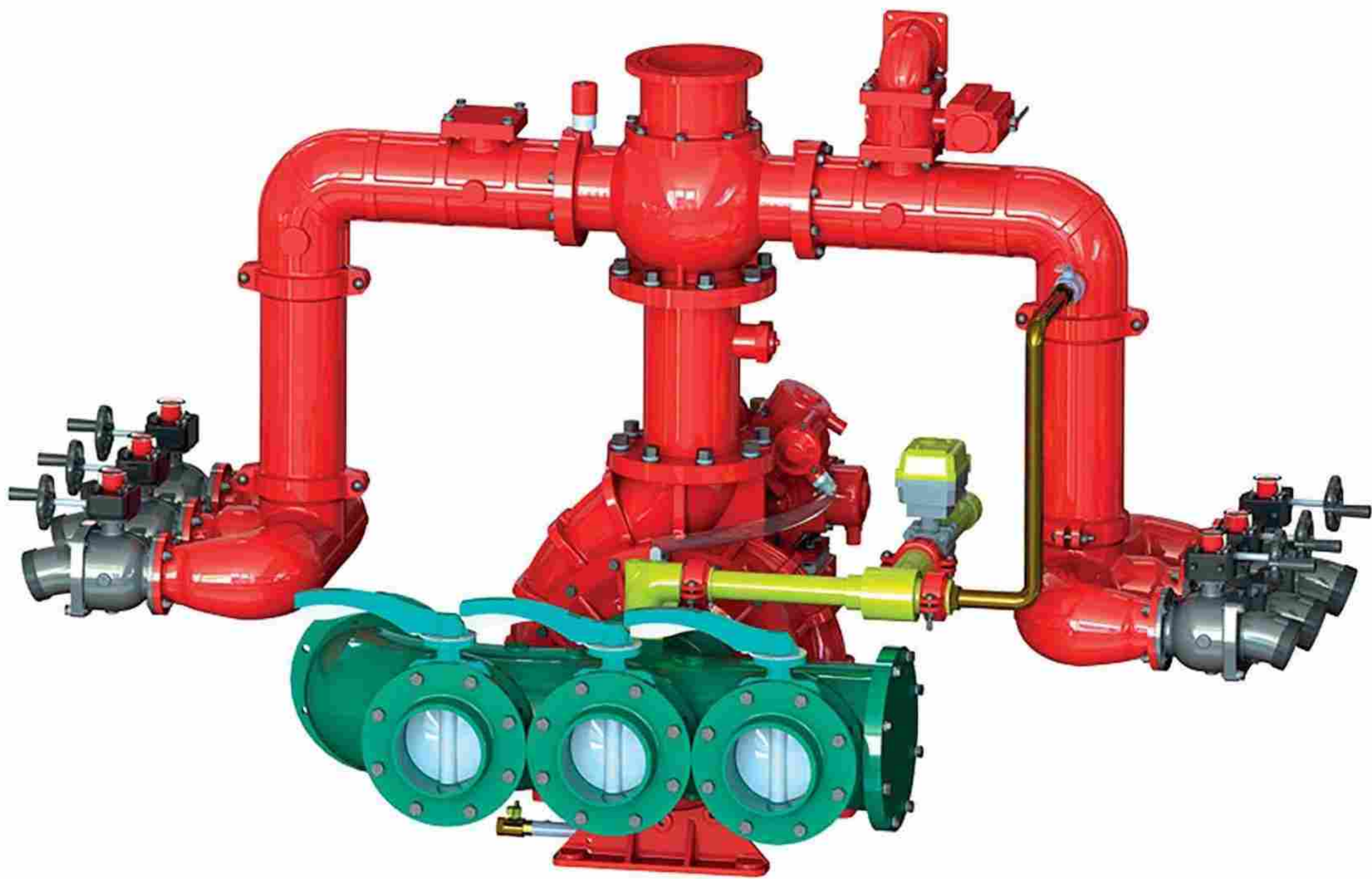
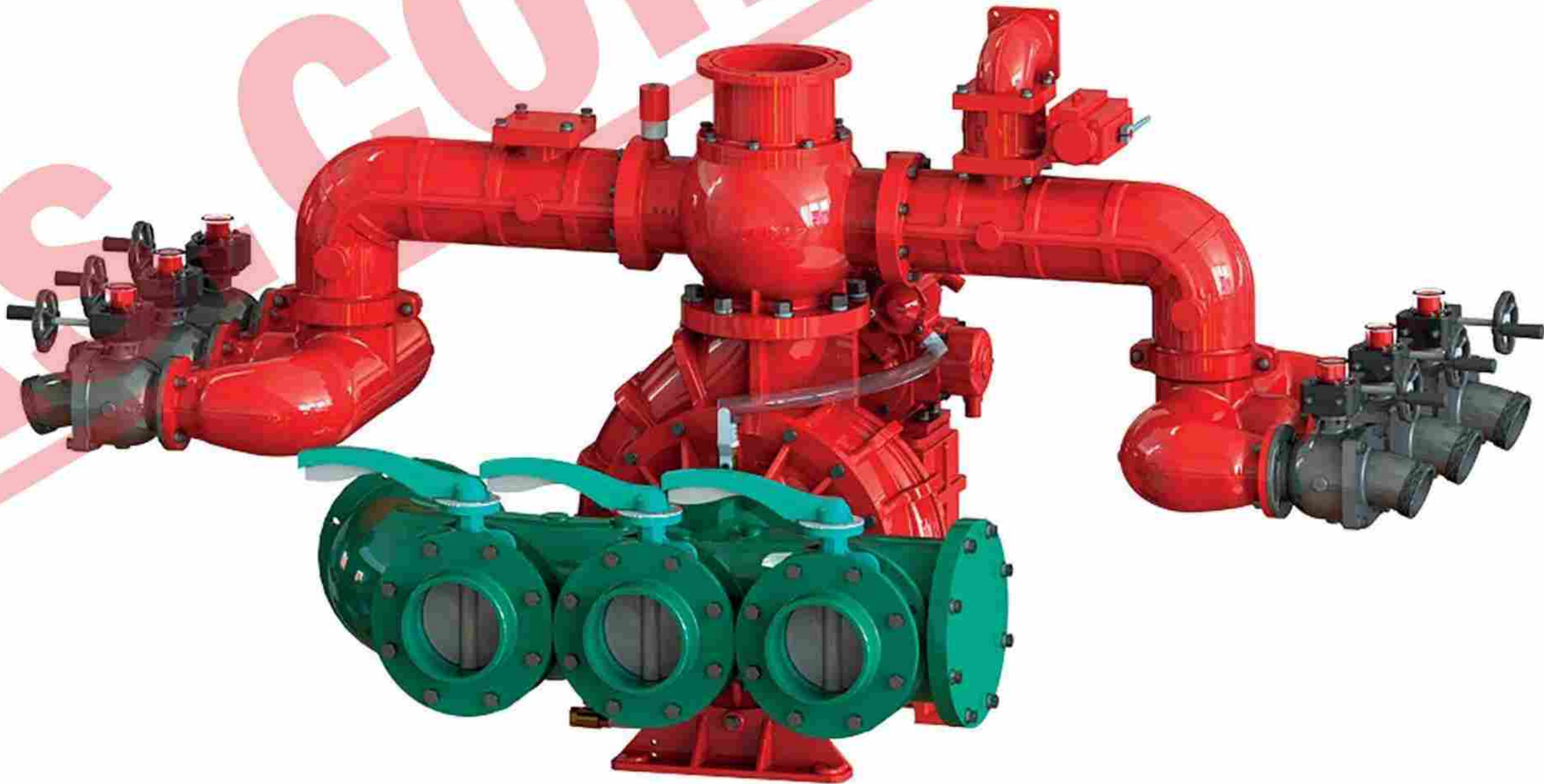
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	170	1.0	2260±50	237	3
2	119	1.3	2210±50	198	3
3	85	1.0	1960±50	139	7

Technical Specifications

Materials: Pump body A356.2, Impeller HSi80-3 or 304 Stainless Steel, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

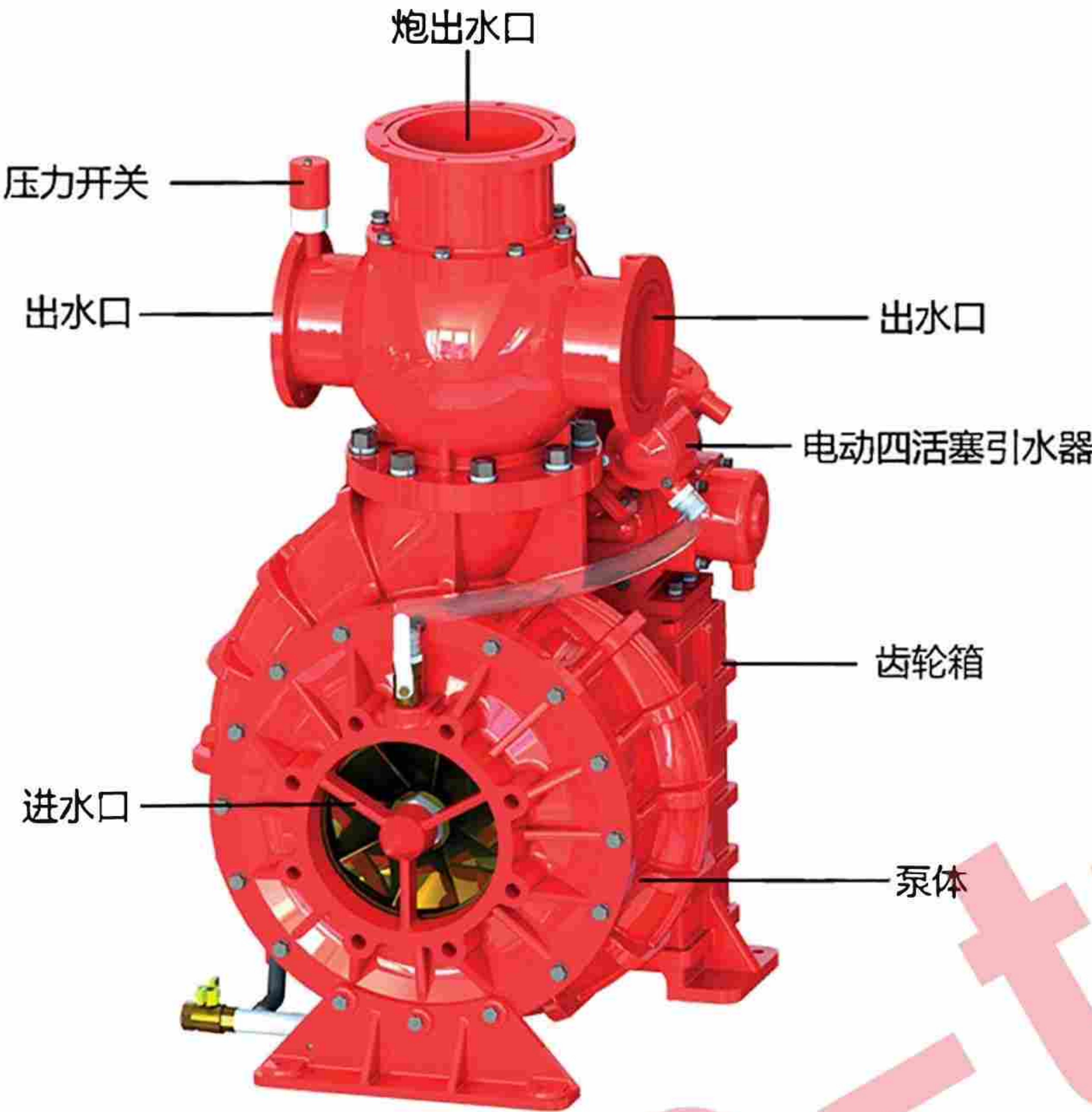
Weight: 220kg (Excluding Inlet & Outlet Pipelines)

Optional Gear Ratios: 1.029, 1.09, 1.156, 1.226, 1.3, 1.464, 1.555, 1.653



CB10/180-XZ

(车用消防泵 /Vehicle fire pump)



The CB10/180-XZ low-pressure fire pump adopts an integrated dual-stage impeller vane housing structure with A356.2 cast pump body and corrosion-resistant HSi80-3 impellers. Fitted with an electric four-piston priming unit that automatically cuts off after reaching set pressure. A CB10/20 foam pump can be optionally installed with pneumatic clutch separation & engagement. The pump delivers excellent performance, low operating RPM, stable output, simple operation and convenient maintenance.

Performance Parameters

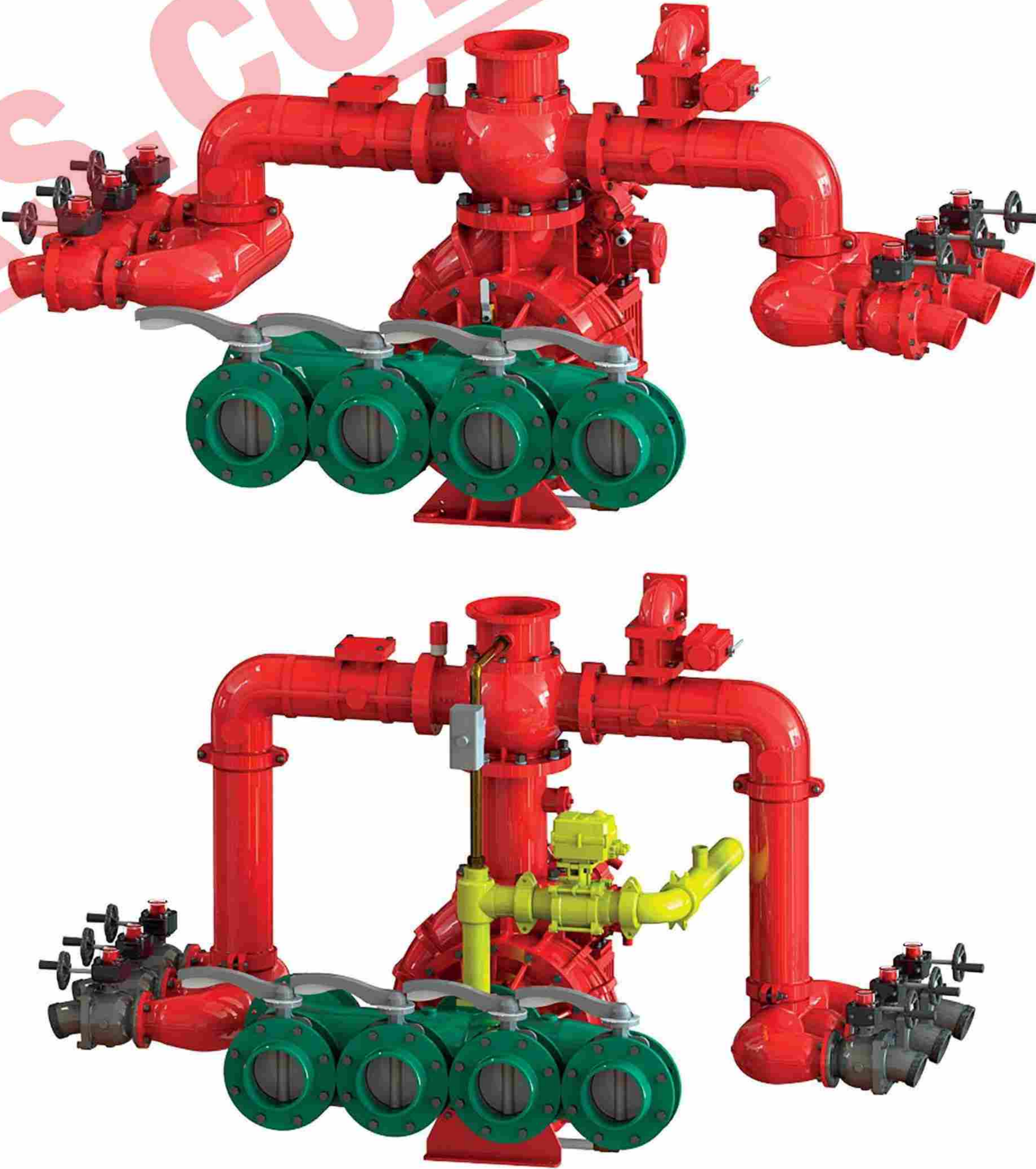
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	180	1.0	2280±50	260	3
2	126	1.3	2220±50	230	3
3	90	1.0	2000±50	145	7

Technical Specifications

Materials: Pump body A356.2, Impeller HSi80-3 or 304 Stainless Steel, Cast Pump Shaft 2Cr13, Alloy Mechanical Seal

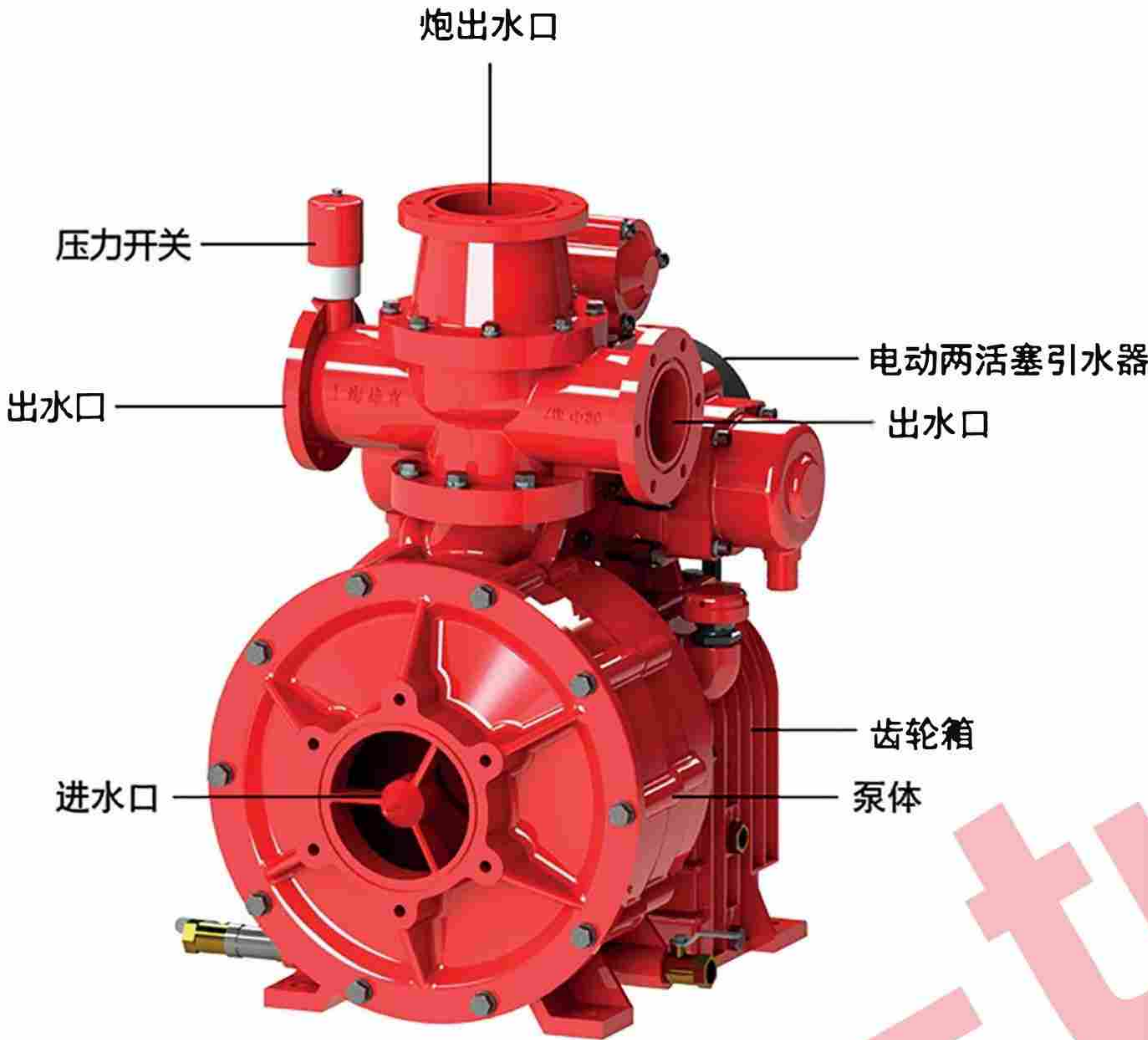
Weight: 220kg (Excluding Inlet & Outlet Pipelines)

Optional Gear Ratios: 1.029, 1.09, 1.156, 1.226, 1.3, 1.464, 1.555, 1.653



CB20/10-XZ

(车用消防泵 /Vehicle fire pump)



The CB20/10-XZ medium-pressure fire pump adopts a two-stage centrifugal design, optimized for small-power chassis forest fire trucks. It features low rotational speed and low power consumption with simple operation and reliable performance. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	10	2.0	3065±50	65	3
2	14	1.3	2500±50	65	3
3	42	1.0	2477±50	40	7
4	5	0.5	3090±50	65	3

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

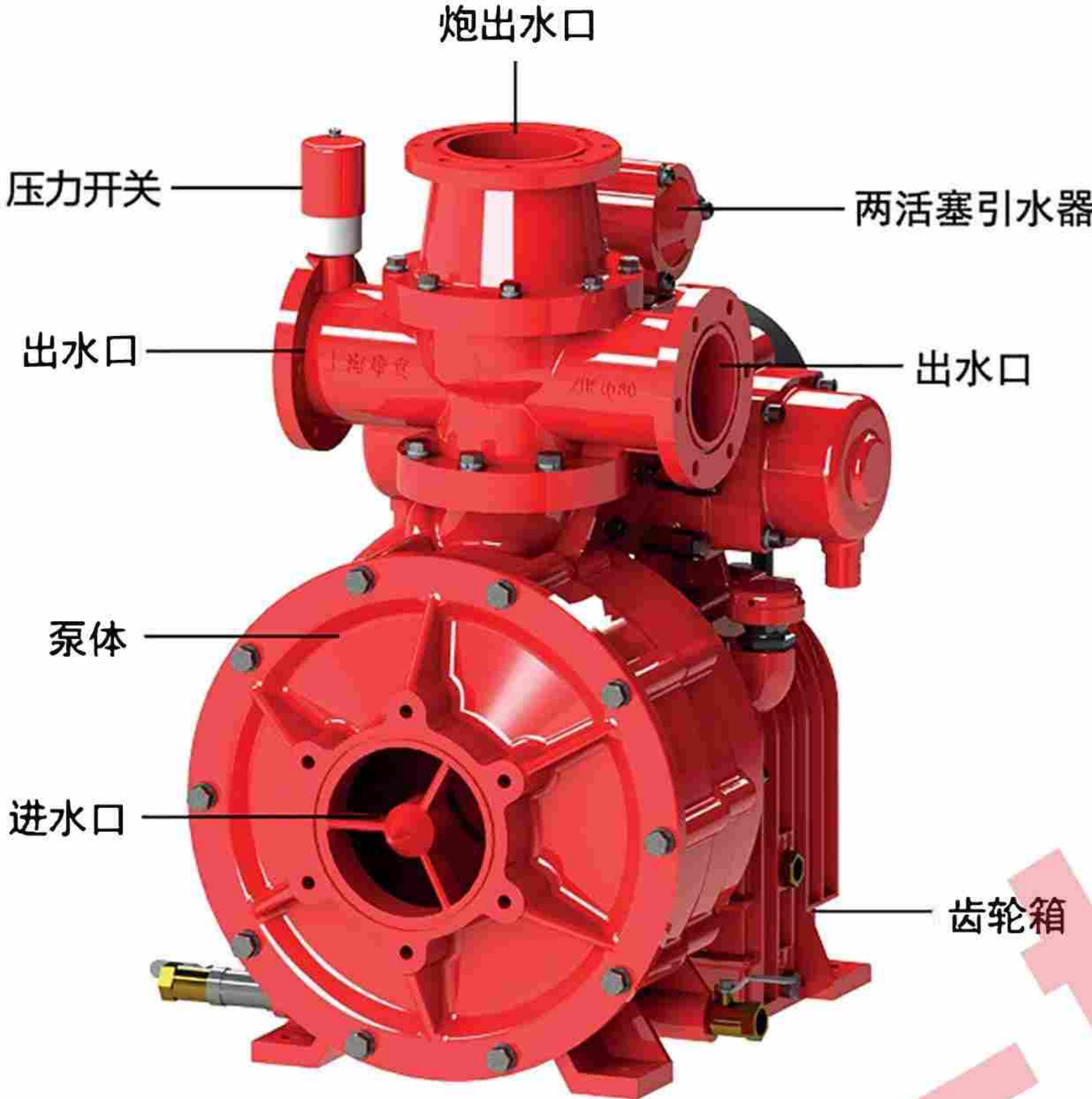
Weight: 83kg (Gearbox), 65kg (Bearing Housing)

Gear Ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5



CB20/15-XZ

(车用消防泵 /Vehicle fire pump)



The CB20/15-XZ medium-pressure fire pump adopts a two-stage centrifugal design, supporting dual working modes: medium pressure 2.0MPa @ 15L/s, low pressure 1.0MPa @ 30L/s. It features low rotational speed with simple operation and reliable performance. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	15	2.0	3090±50	71	3
2	21	1.5	2534±50	55	3
3	30	1.0	2285±50	42	7
4	75	0.5	3090±50	11	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

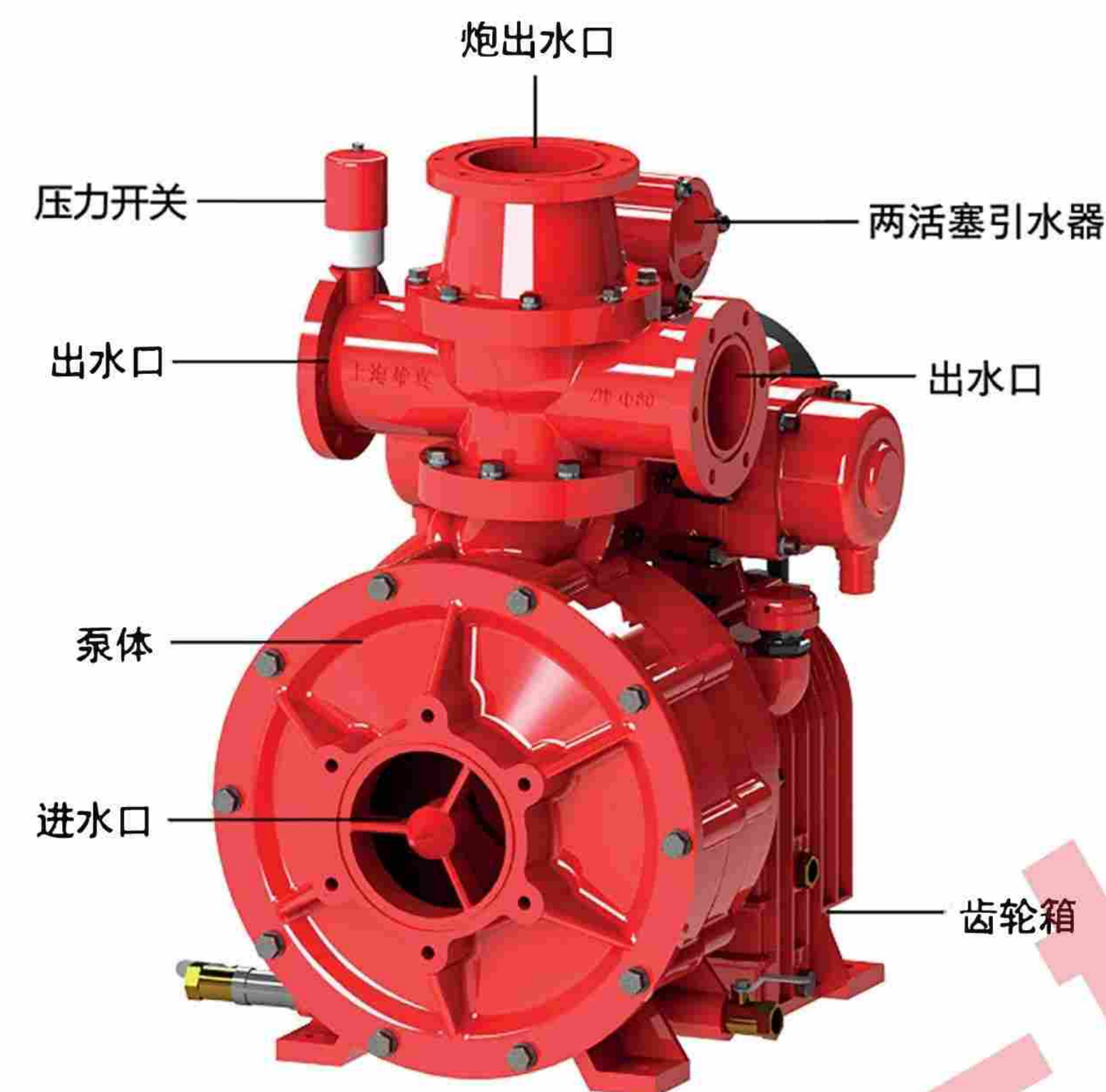
Weight: 83kg (Gearbox), 65kg (Bearing Housing)

Gear Ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5



CB20/20-XZ

(车用消防泵 /Vehicle fire pump)



The CB20/20-XZ medium-pressure fire pump adopts a two-stage centrifugal design, supporting dual working modes: medium pressure 2.0MPa @ 20L/s, low pressure 1.0MPa @ 40L/s. It features low rotational speed with simple operation and reliable performance. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	20	2.0	3090±50	79	3
	28	1.5		63	3
2	40	1.3	2567±50	66	3
3	10	2.0		45	7
4		1.0	2420±50		
			3100±50		

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

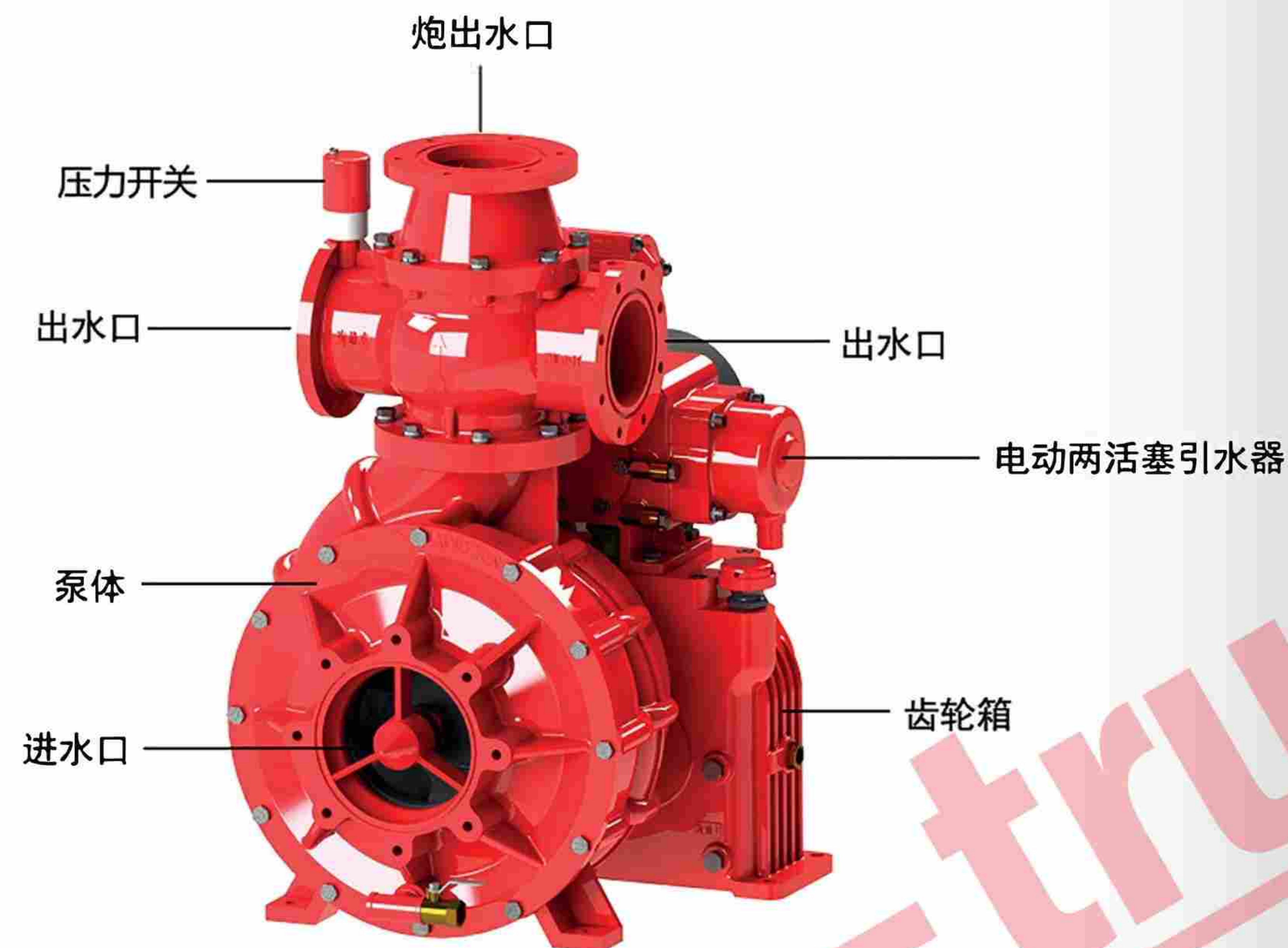
Weight: 83kg (Gearbox), 65kg (Bearing Housing)

Gear Ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5



CB20/25-XZ

(车用消防泵 /Vehicle fire pump)



The CB20/25-XZ medium-pressure fire pump adopts a two-stage centrifugal design, supporting dual working modes: medium pressure 2.0MPa @ 25L/s, low pressure 1.0MPa @ 50L/s. Equipped with an electric dual-piston priming device. It features low rotational speed with simple operation and reliable performance. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

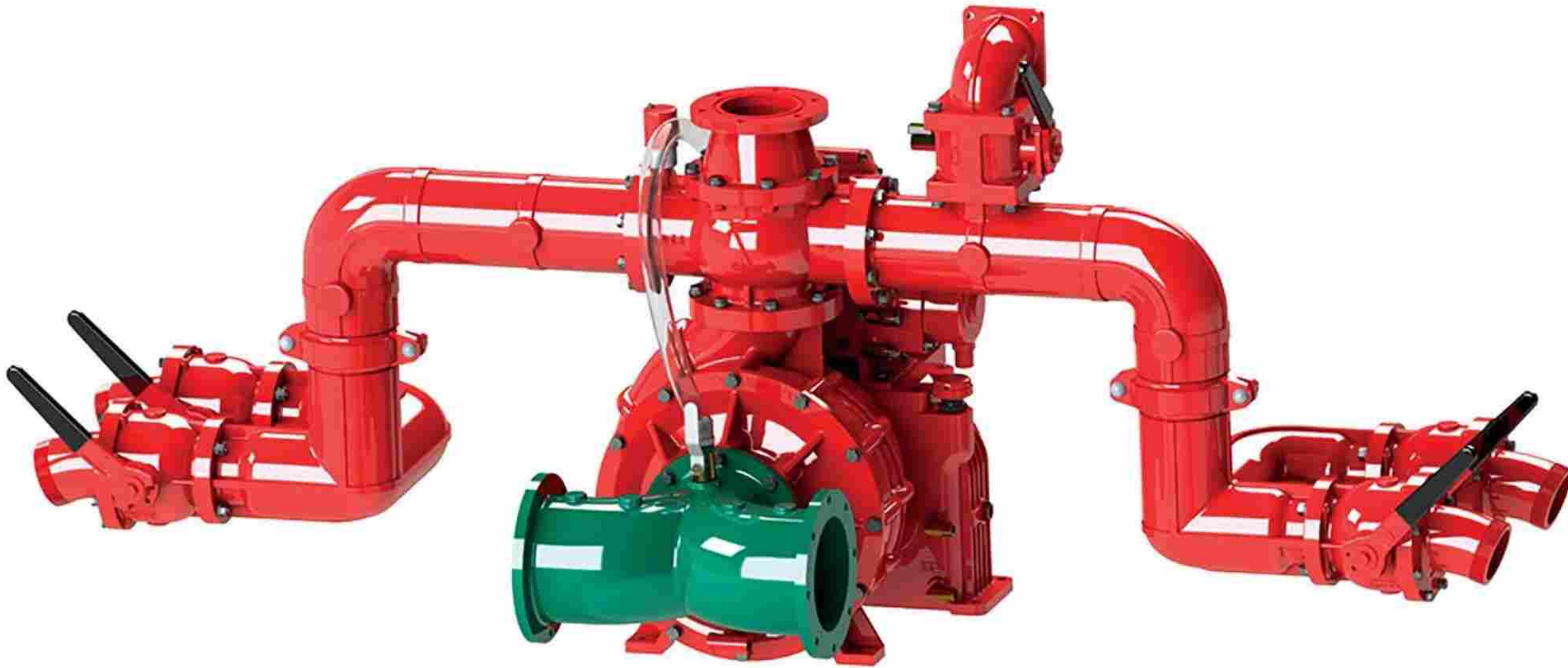
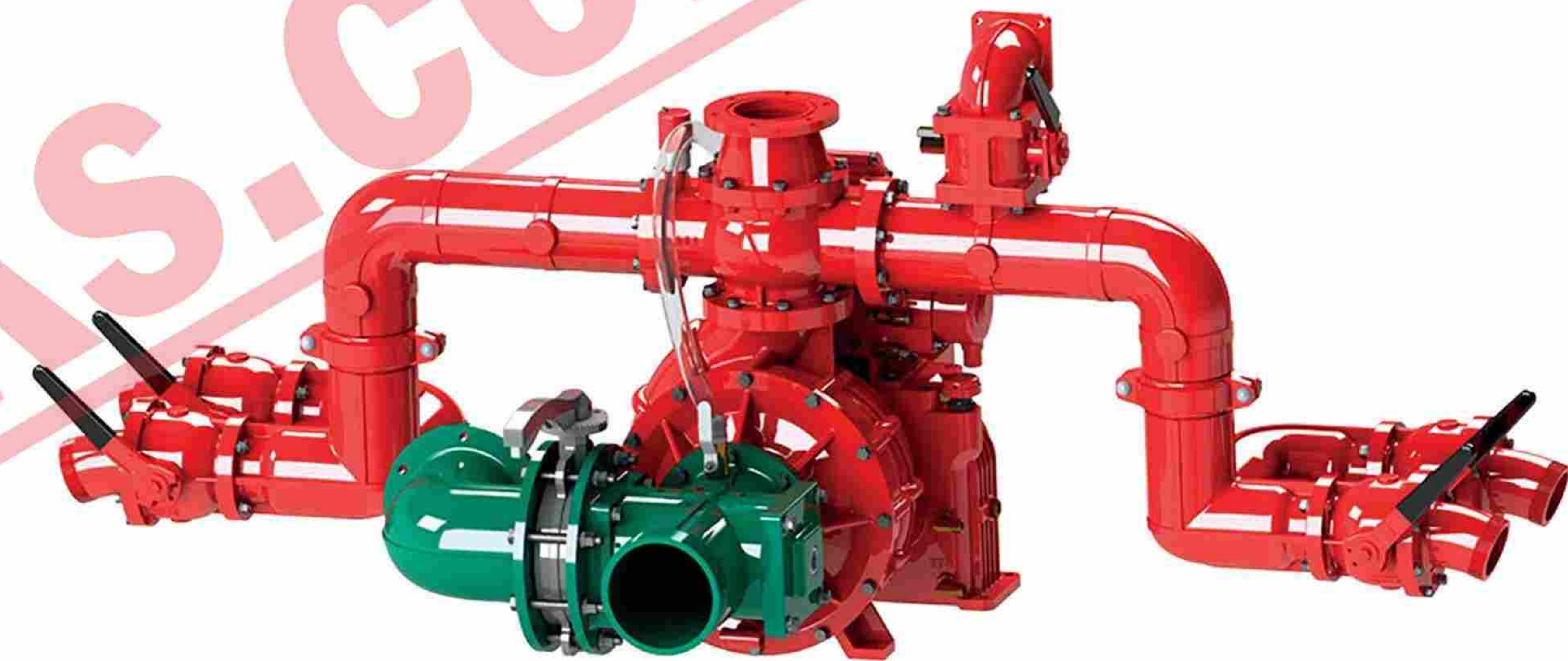
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	25	2.0	3060±50	112	3
2	35	1.5	2618±50	78	3
3	50	1.0	2390±50	77	7
4	12.5	0.5	3020±50	51	

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

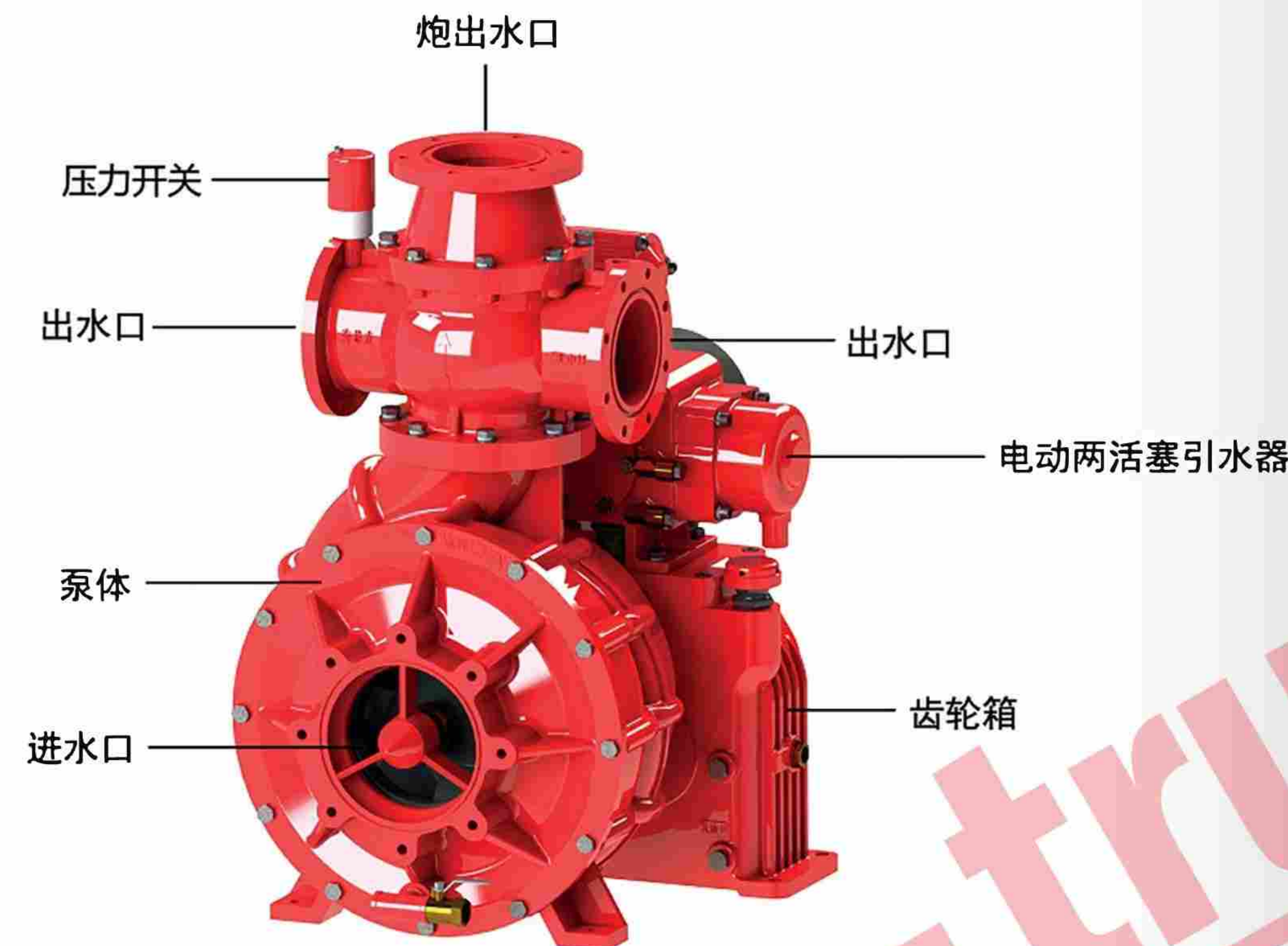
Weight: 106kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB20/30-XZ

(车用消防泵 /Vehicle fire pump)



The CB20/30-XZ medium-pressure fire pump adopts a two-stage centrifugal design, supporting dual working modes: medium pressure 2.0MPa @ 30L/s, low pressure 1.0MPa @ 60L/s. Equipped with an electric dual-piston priming device. It features low rotational speed with simple operation and reliable performance. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	30	2.0	3100±50	122	3
2	42	1.5	2645±50	87	3
3	60	1.3	2460±50	98	7
4	15	2.0	3050±50	55	

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

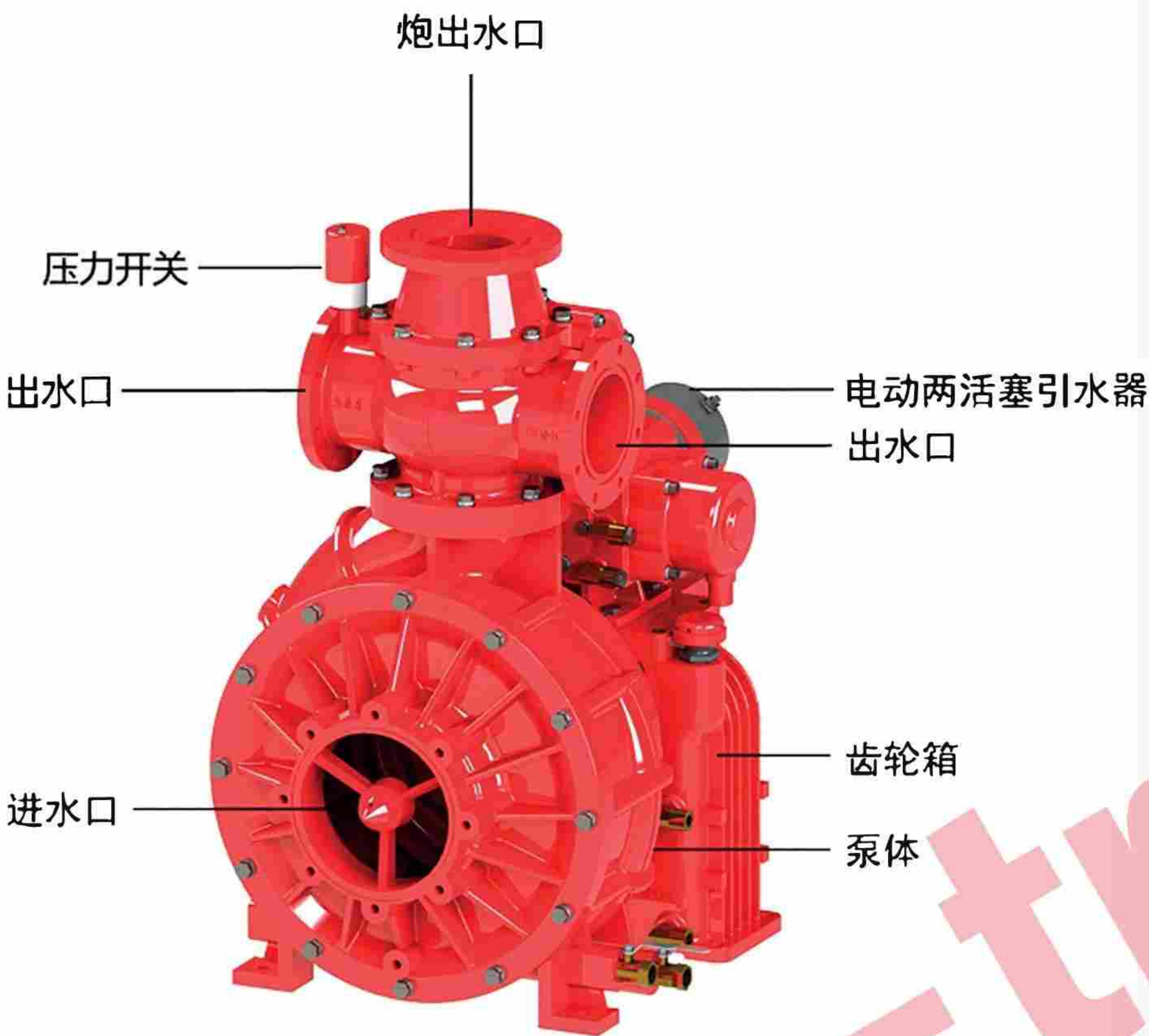
Weight: 106kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB20/40-XZ

(车用消防泵 /Vehicle fire pump)



The CB20/40-XZ medium-pressure fire pump adopts a two-stage centrifugal design, supporting dual working modes: medium pressure 2.0MPa @ 40L/s, low pressure 1.0MPa @ 80L/s. Equipped with an electric dual-piston priming device. It features low rotational speed with simple operation and reliable performance. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

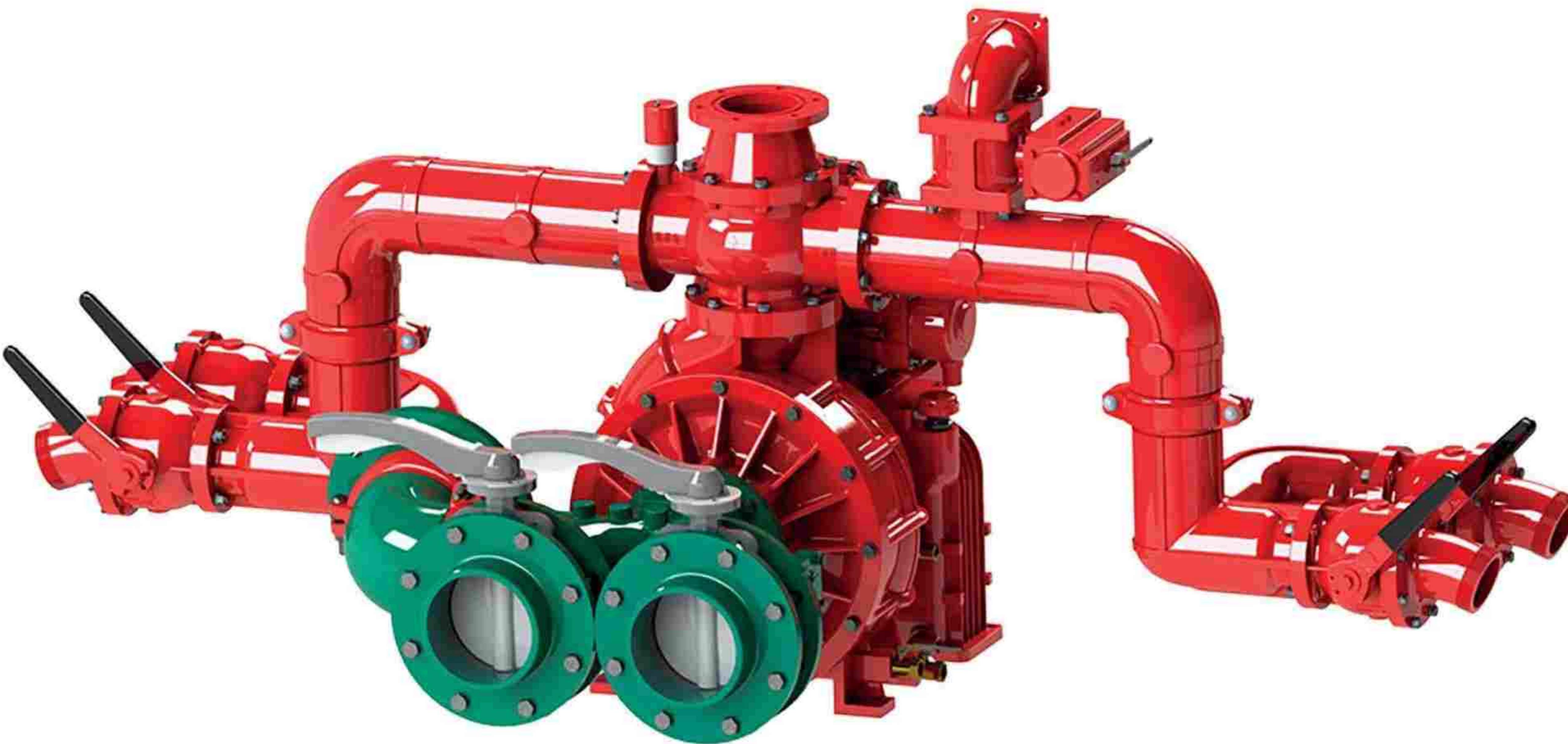
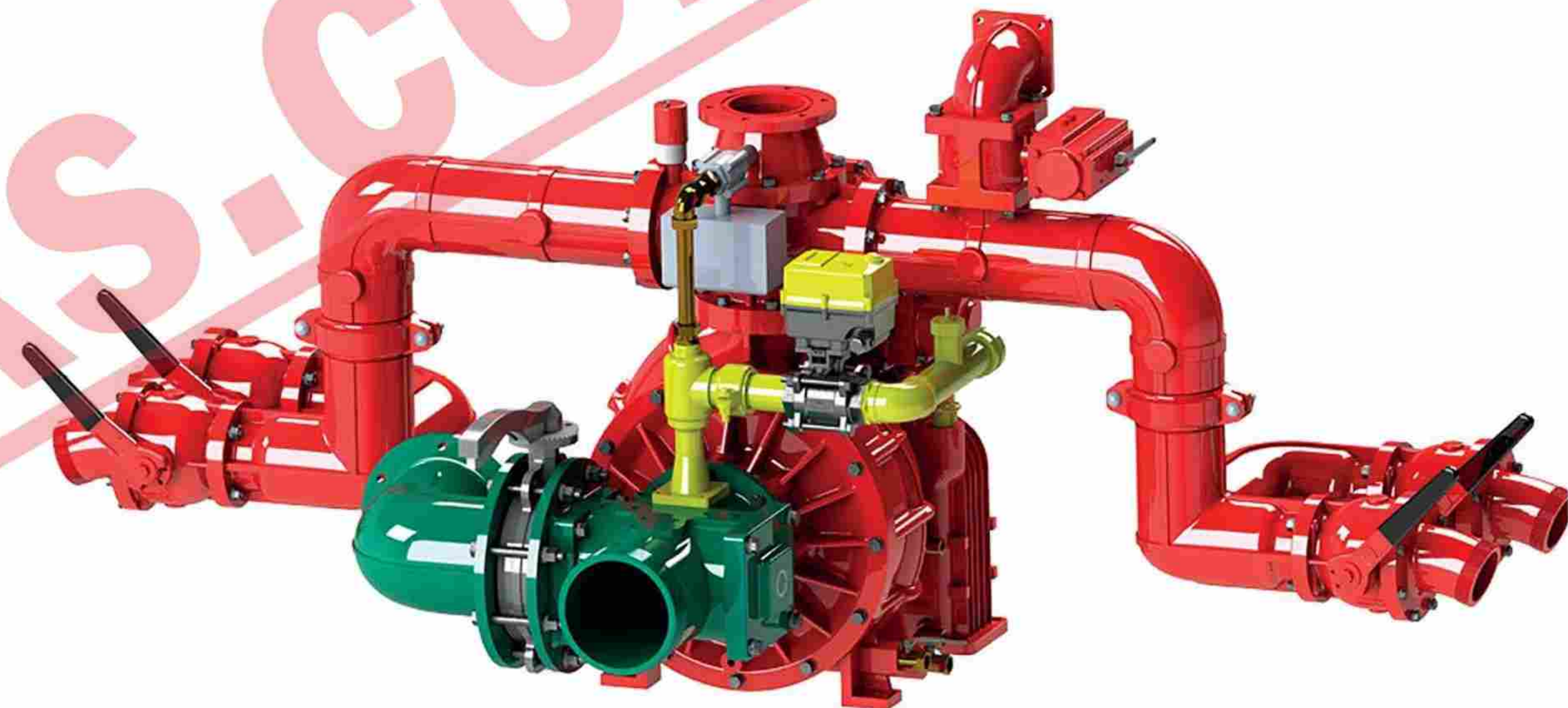
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	40	2.0	3090±50	152	3
2	56	1.5	2650±50	130	3
3	80	1.3	2600±50	137	4
4	20	2.0	3130±50	115	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

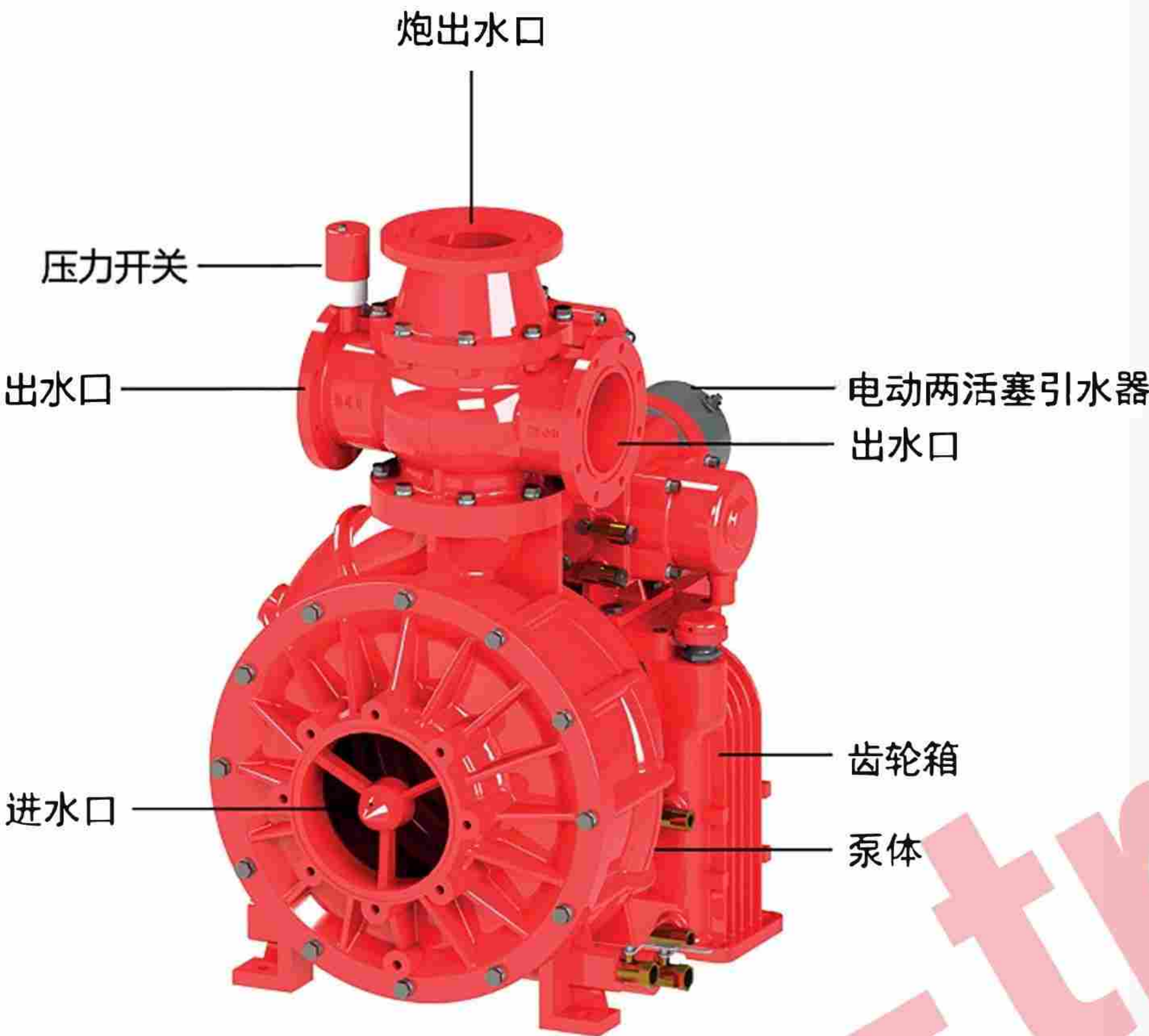
Weight: 118kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB16/60-XZ

(车用消防泵 /Vehicle fire pump)



The CB16/60-XZ medium-pressure fire pump adopts a two-stage centrifugal design, supporting dual working modes: medium pressure 1.6MPa @ 60L/s, low pressure 1.0MPa @ 80L/s. Equipped with an electric dual-piston priming device. It features low rotational speed with simple operation and reliable performance. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

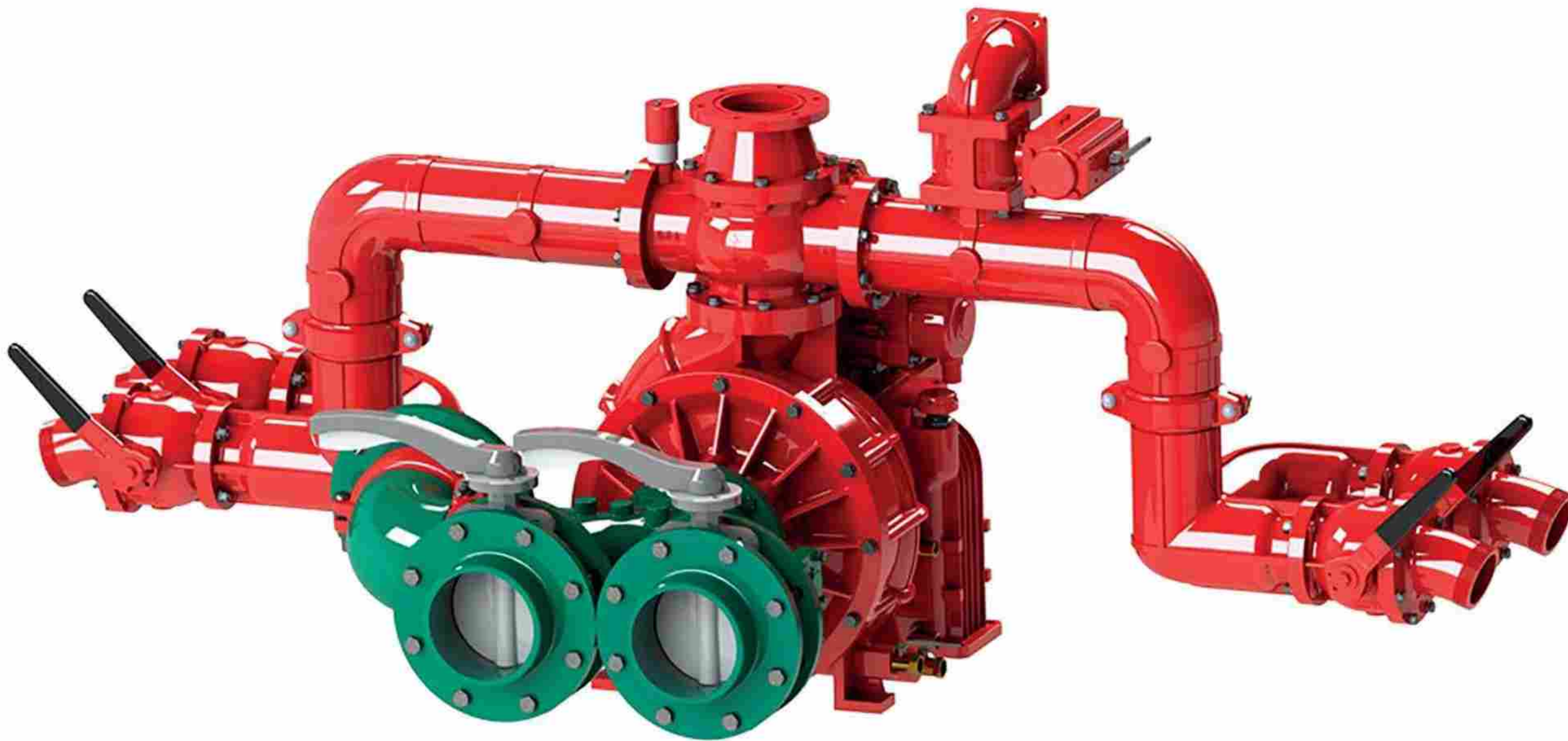
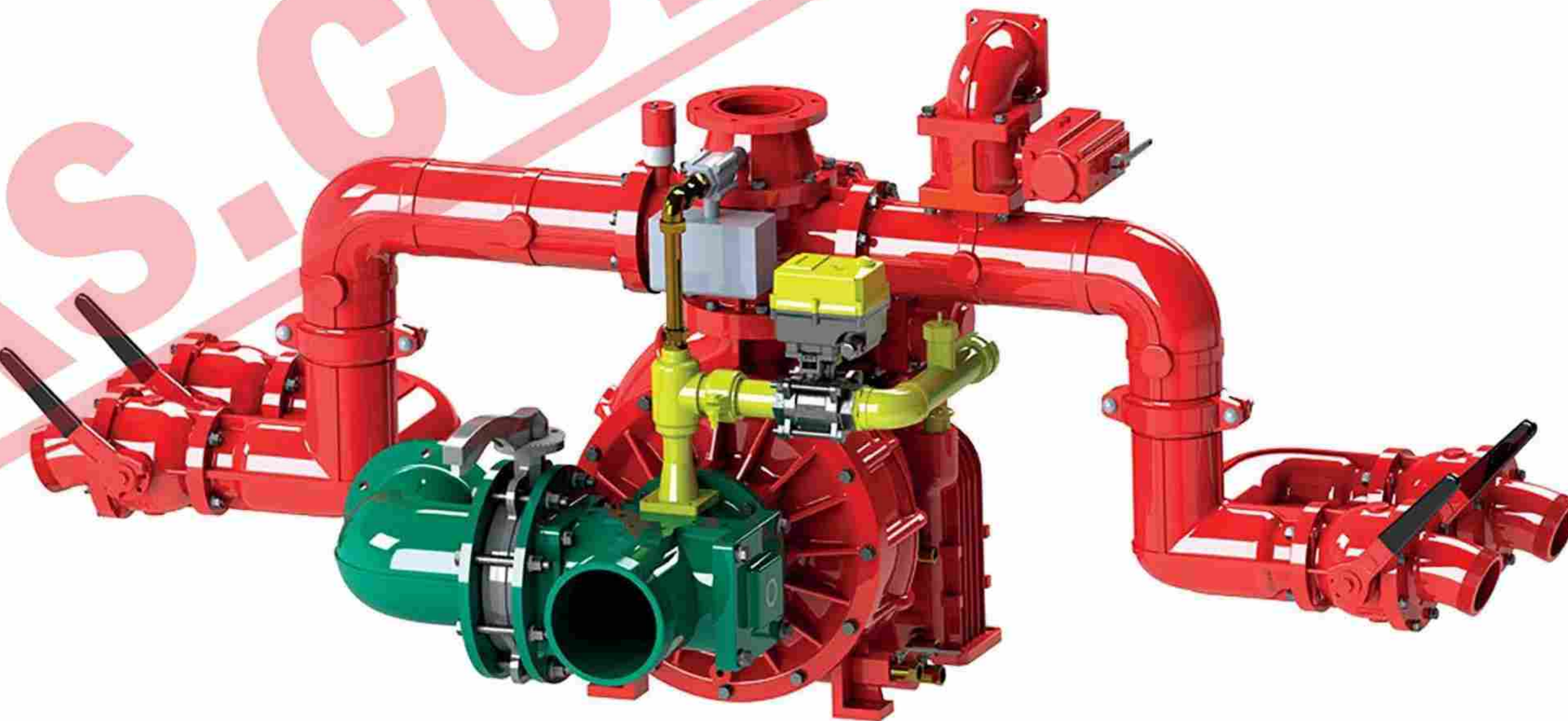
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	60	1.6	2952±50	161	3
2	40	2.0	3273±50	180	3
3	40	1.0	2300±50	83	7

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

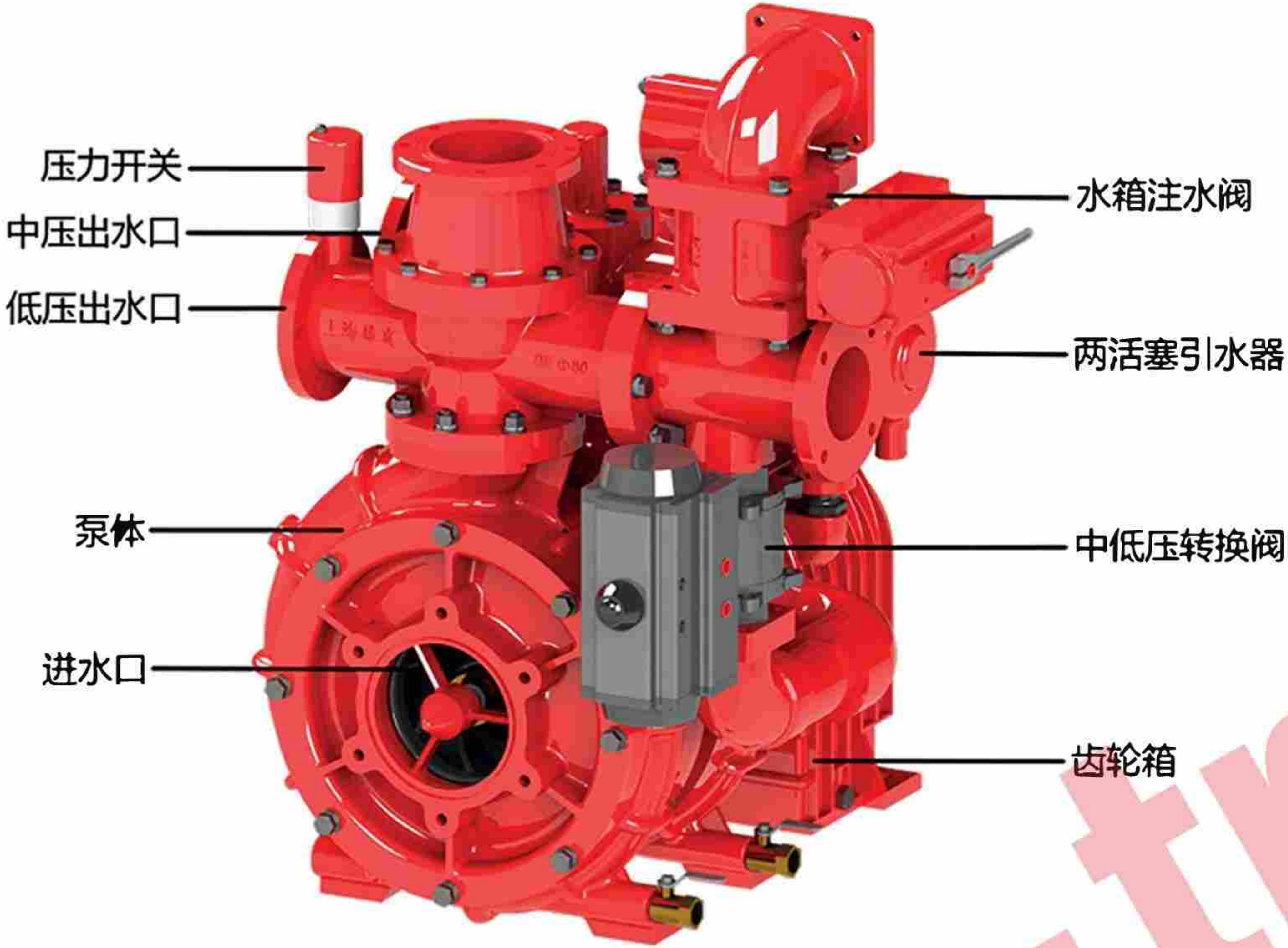
Weight: 118kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB20·10/15·30-XZ

(车用消防泵 /Vehicle fire pump)



The CB20·10/15·30-XZ dual-pressure fire pump adopts a volute centrifugal structure, supporting independent or combined medium/low pressure water output via a conversion valve. It features low rotational speed, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

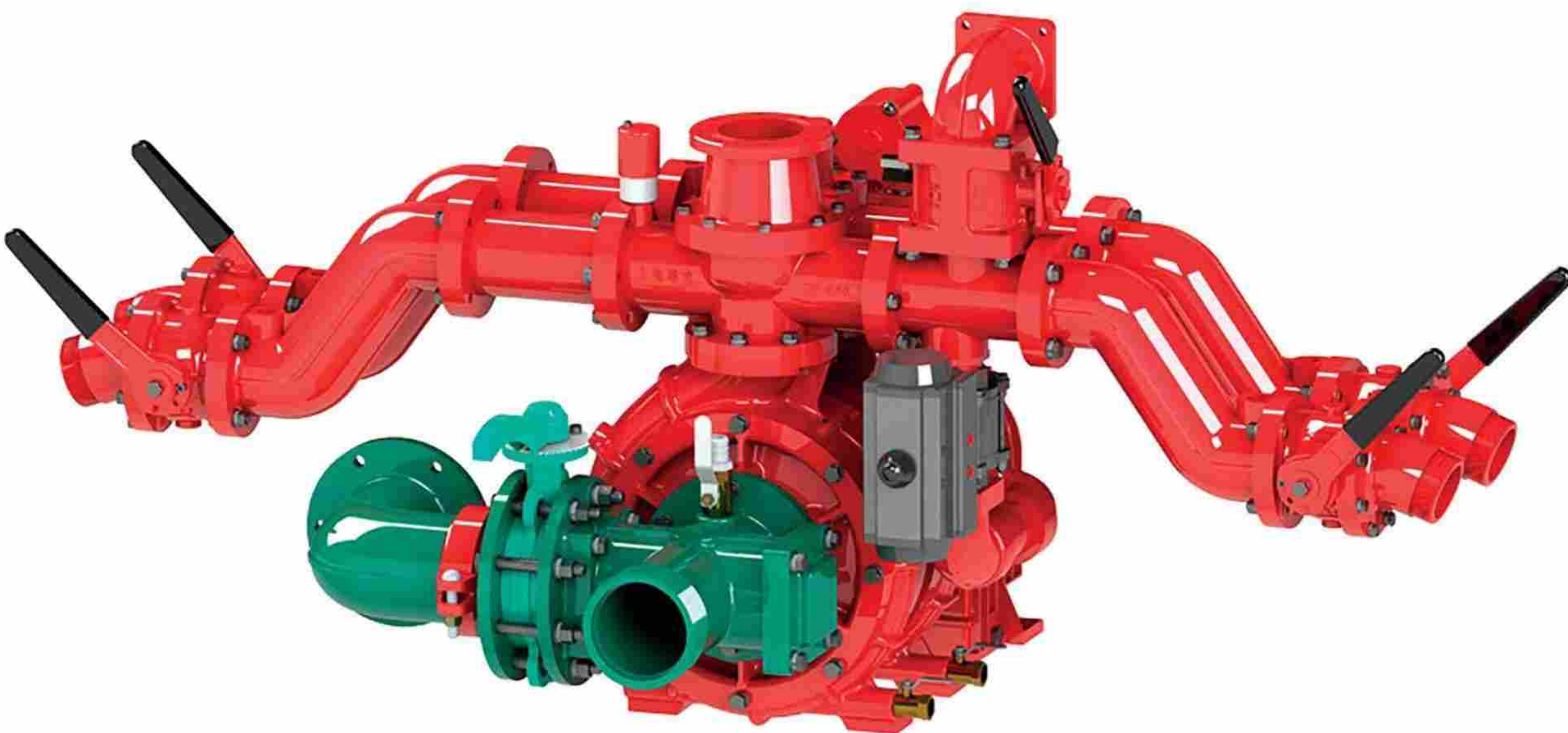
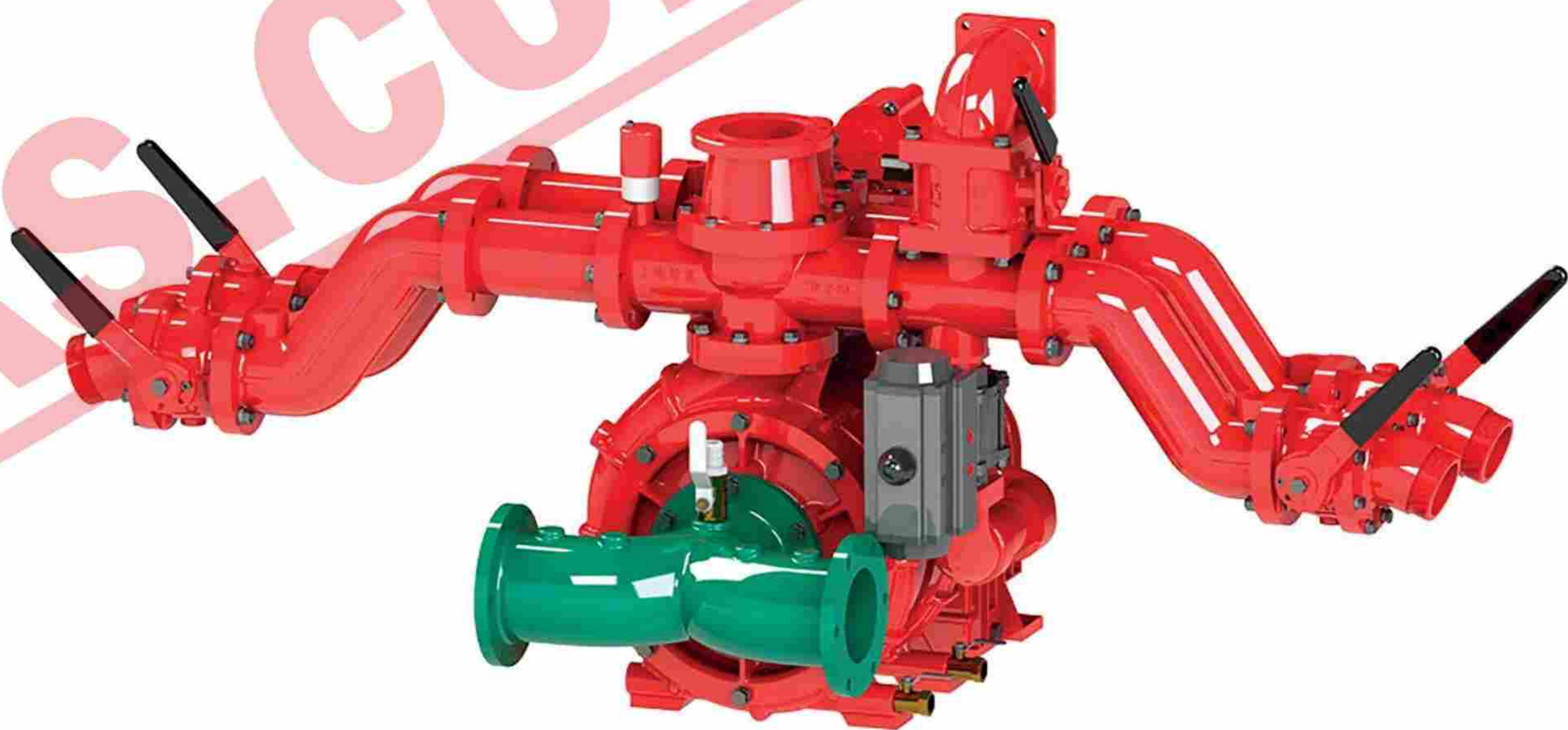
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	30	1.0	3050±50	53	3
2	15	2.0	3150±50	66	3
3	15	1.0	3100±50	59	7
联用 Combination	10	1.0	3100±50	65	3
		2.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

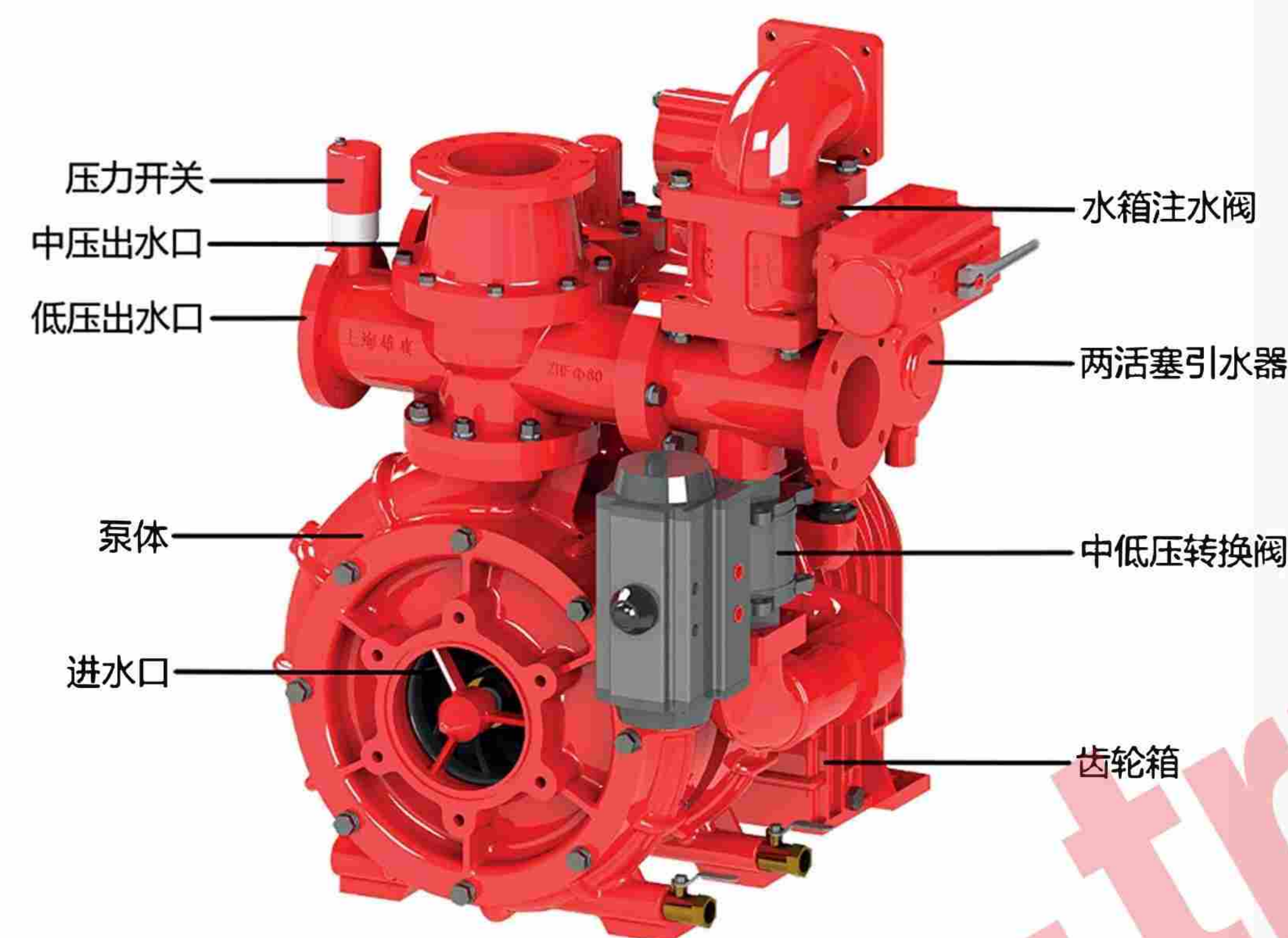
Weight: 111kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5



CB20·10/20·40-XZ

(车用消防泵 /Vehicle fire pump)



The CB20·10/20·40-XZ dual-pressure fire pump adopts a volute centrifugal structure, supporting independent or combined medium/low pressure water output via a conversion valve. It features low rotational speed, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

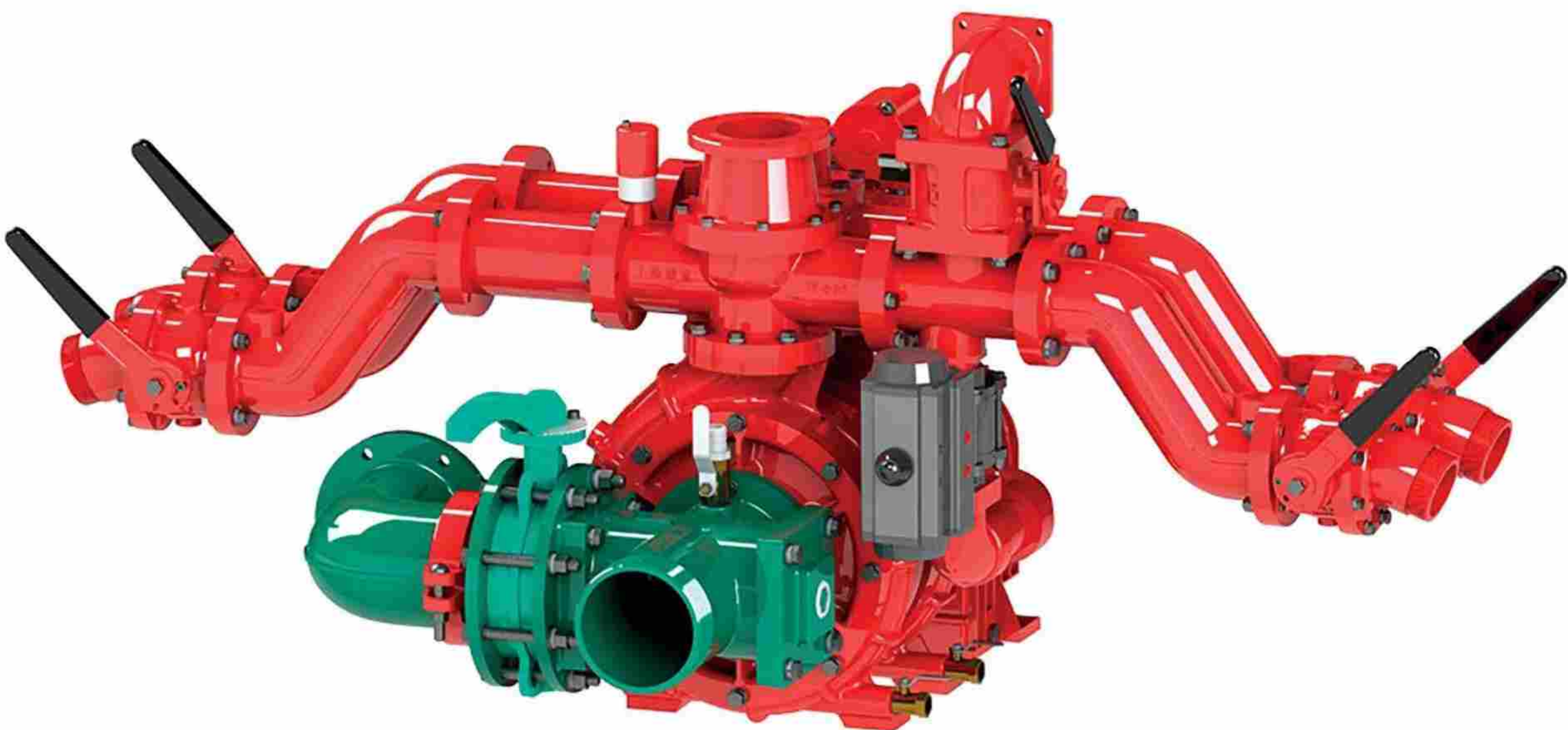
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	40	1.0	3200±50	69	3
2	20	2.0	3270±50	82	3
3	20	1.0	3120±50	63	7
联用 Combination	25	1.0	3150±50	77	3
	15	2.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

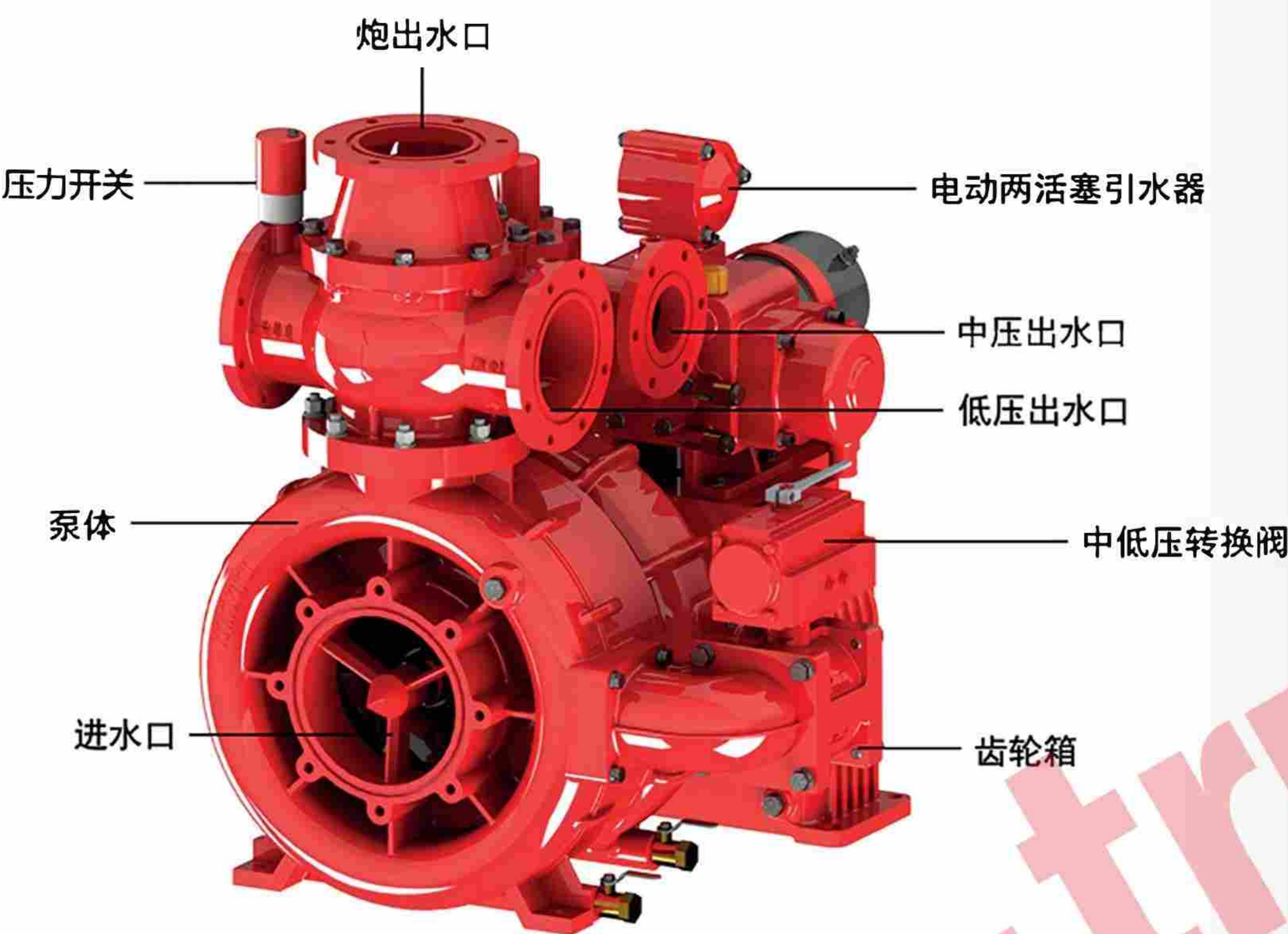
Weight: 111kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.069, 1.143, 1.222, 1.307, 1.4, 1.5



CB20-10/30-60-XZ

(车用消防泵 /Vehicle fire pump)



The CB20-10/30-60-XZ dual-pressure fire pump adopts a volute centrifugal structure, supporting independent or combined medium/low pressure water output via a conversion valve. It features low rotational speed, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

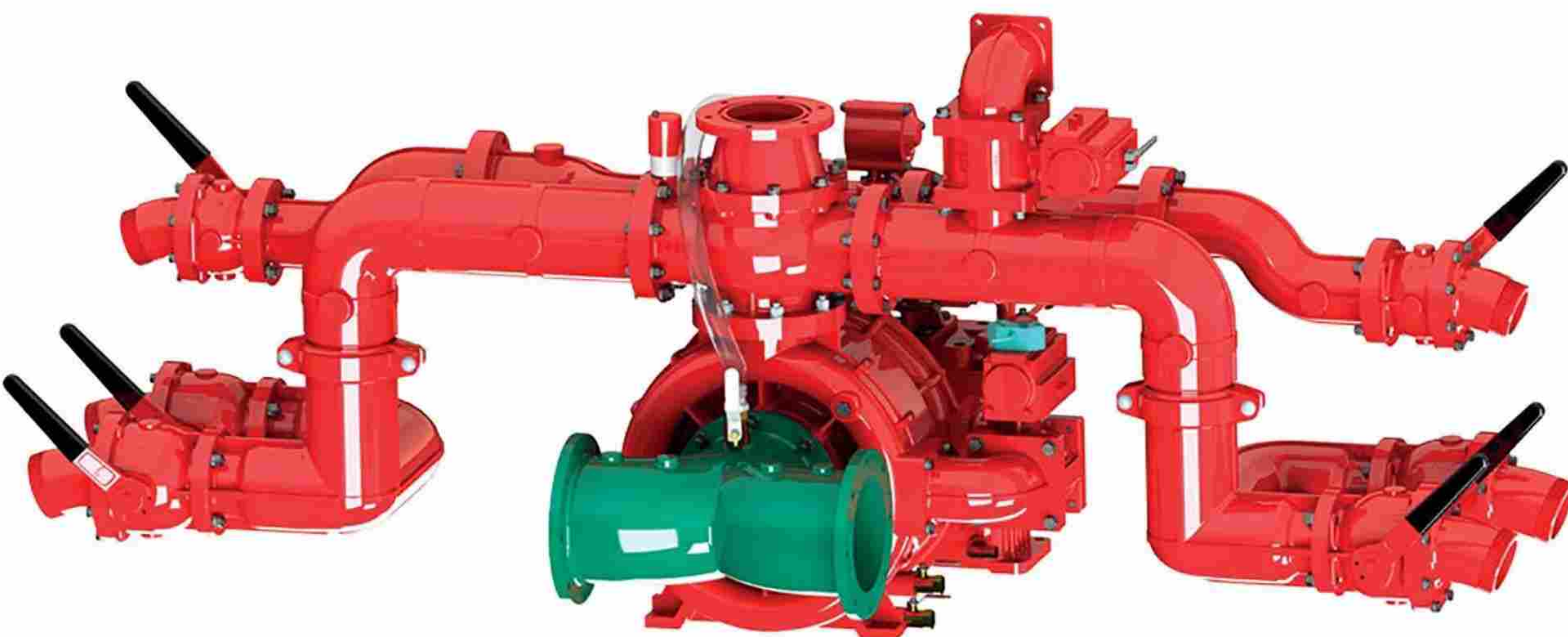
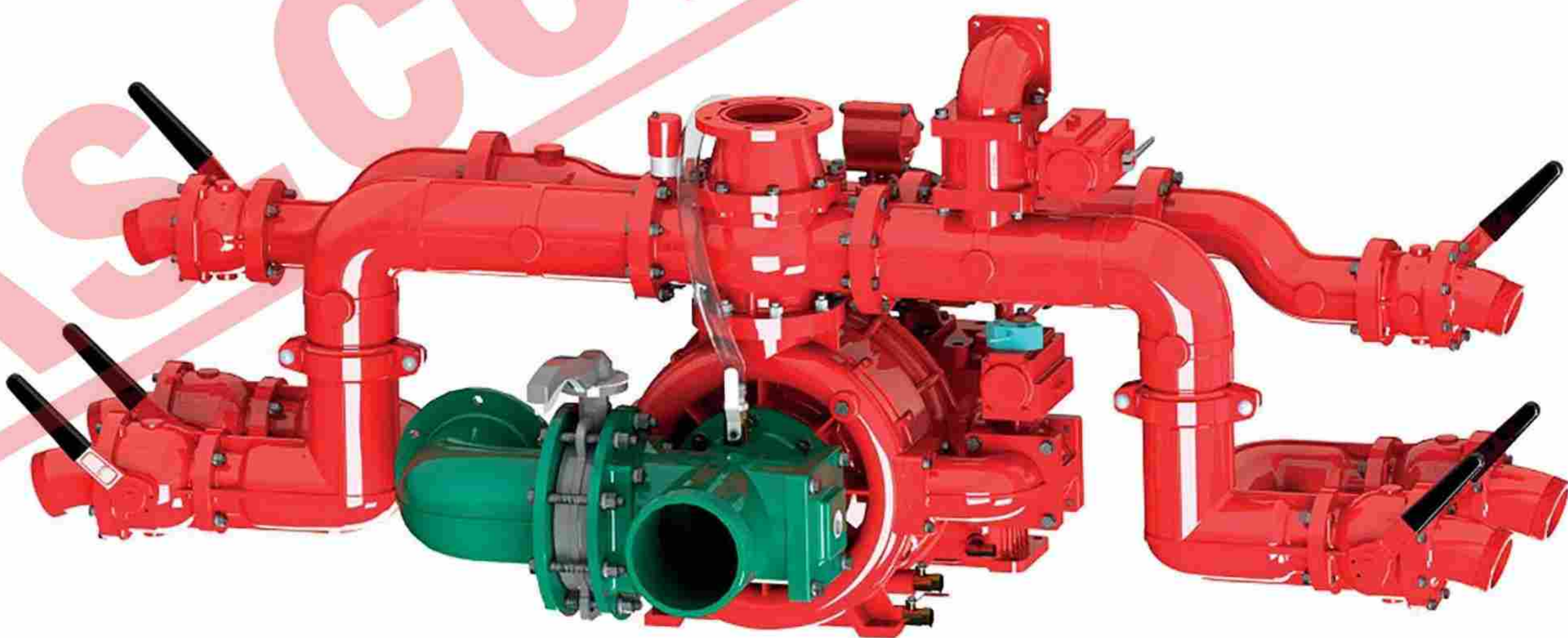
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	60	1.0	3251±50	113	3
2	30	2.0	3271±50	136	3
3	30	1.0	3090±50	80	7
联用 Combination	35	1.0	3202±50	135	3
	15	2.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

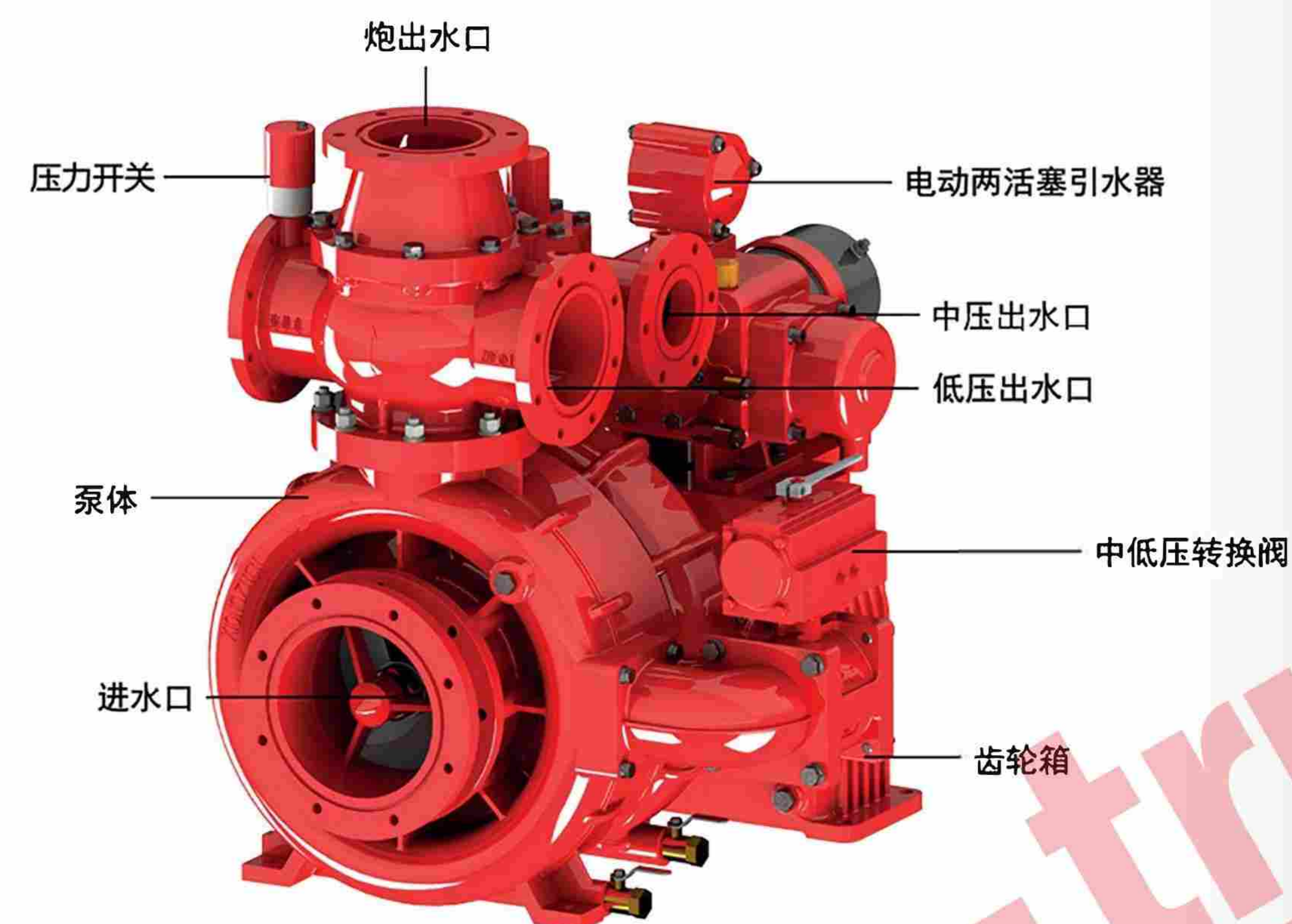
Weight: 116kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB20-10/30-80-XZ

(车用消防泵 /Vehicle fire pump)



The CB20-10/30-80-XZ dual-pressure fire pump adopts a vane-guided centrifugal structure, supporting independent or combined medium/low pressure water output via a conversion valve. It features low power draw, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

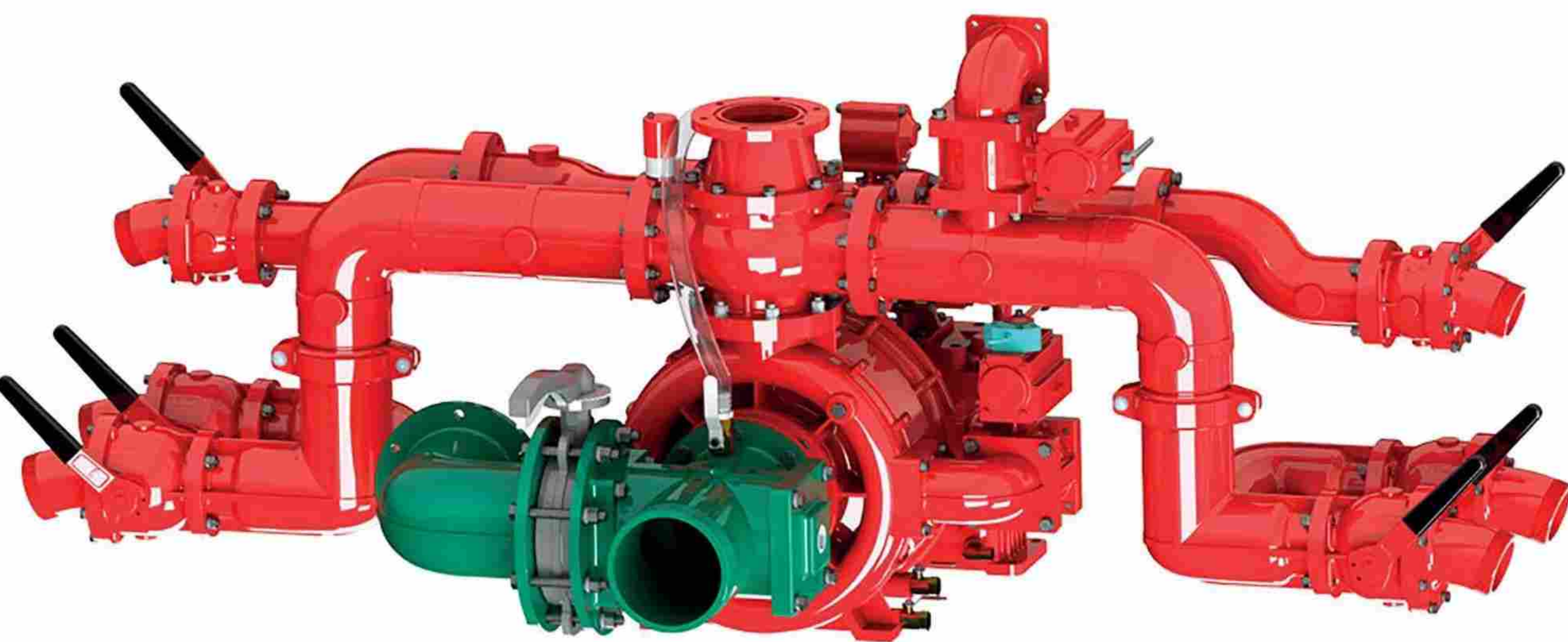
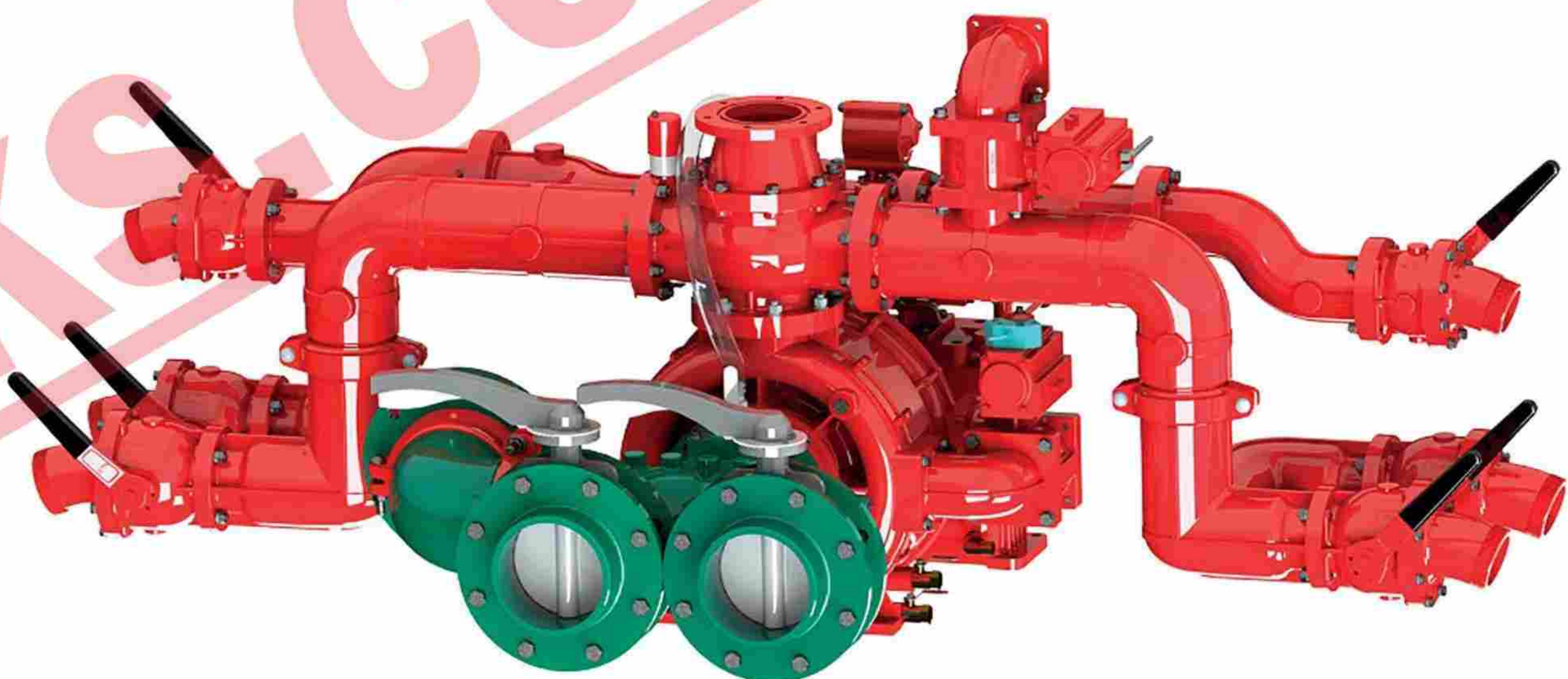
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	80	1.0	3470±50	147	3
2	30	2.0	3350±50	145	3
3	40	1.0	3190±50	78	7
联用 Combination	40	1.0	3260±50	140	3
	20	2.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

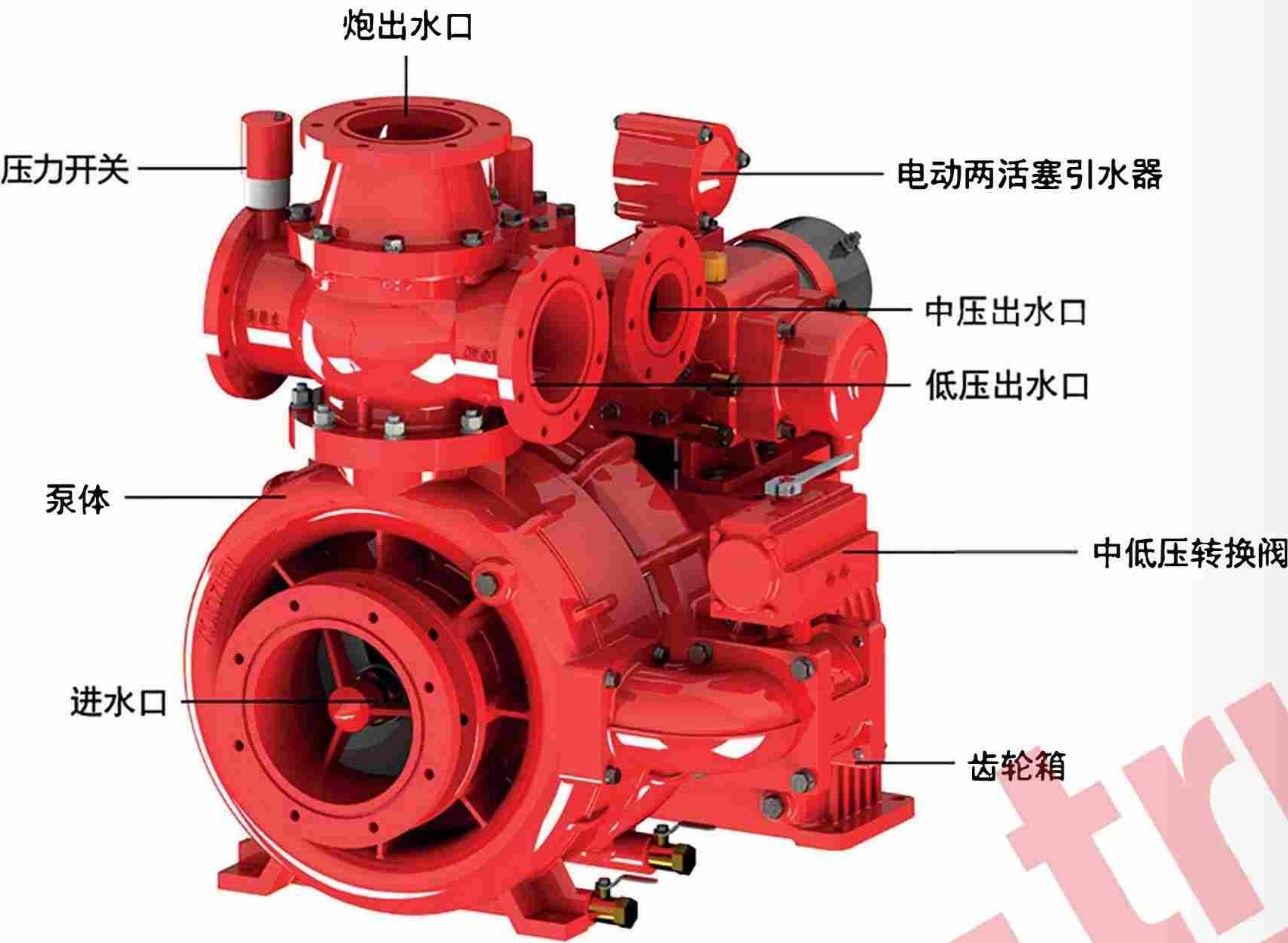
Weight: 120kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB20-10/40-80-XZ

(车用消防泵 /Vehicle fire pump)



The CB20-10/40-80-XZ dual-pressure fire pump adopts a vane-guided centrifugal structure, supporting independent or combined medium/low pressure water output via a conversion valve. It features low rotational speed, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

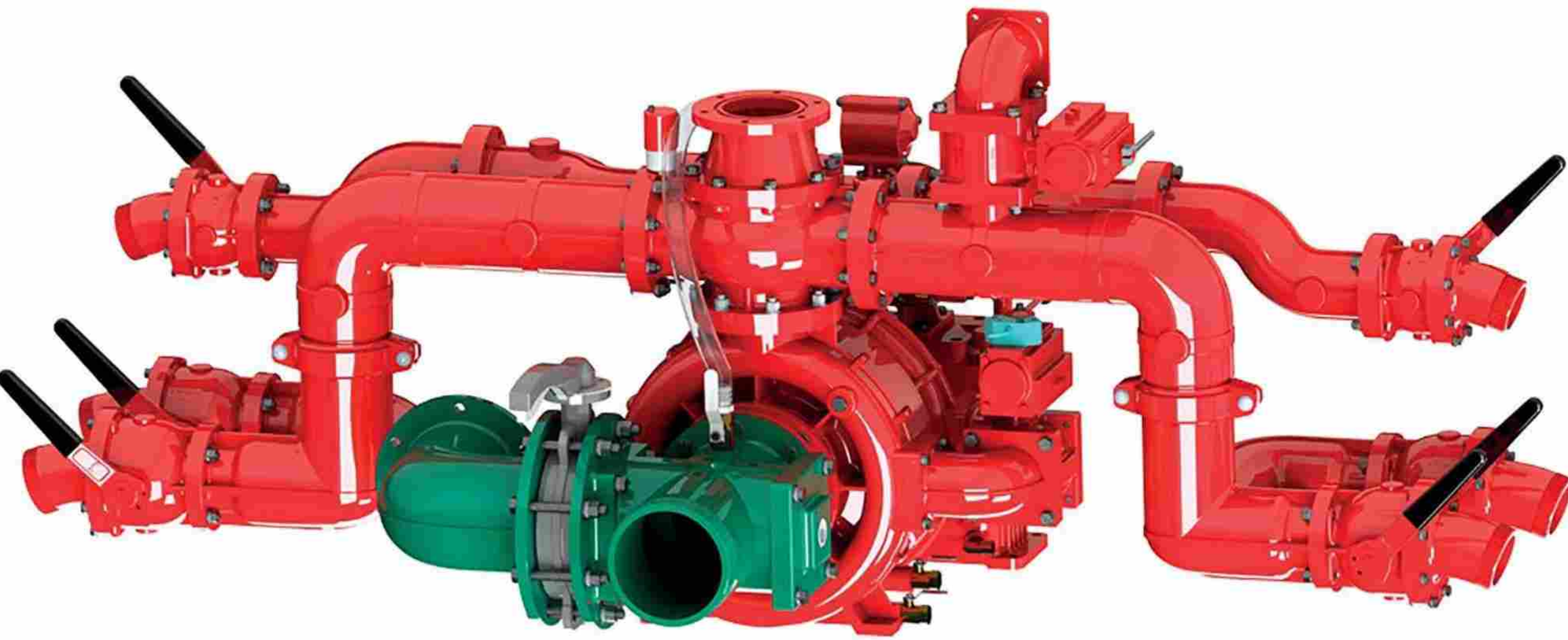
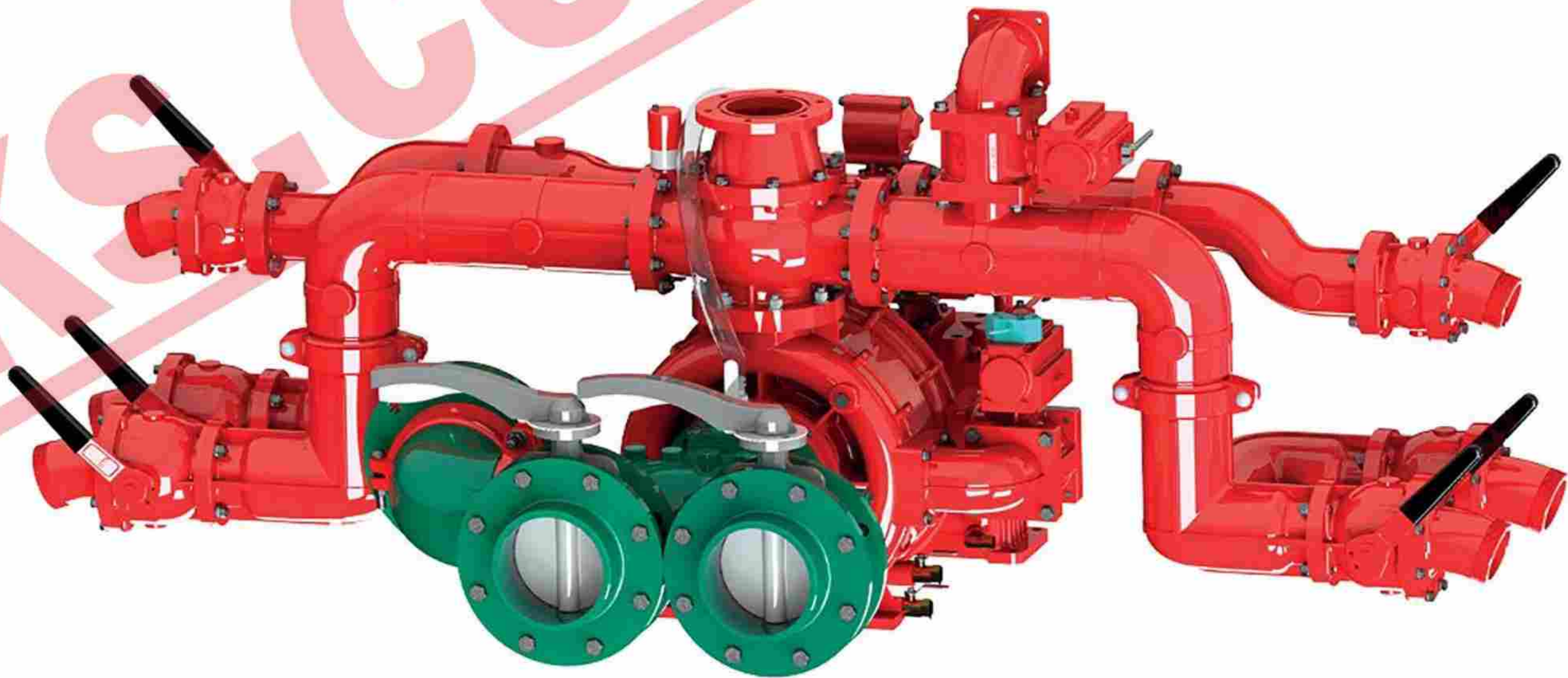
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	80	1.0	3574±50	158	3
2	40	2.0	3439±50	154	3
3	40	1.0	3057±50	77	7
联用 Combination	45	1.0	3268±50	145	3
	20	2.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

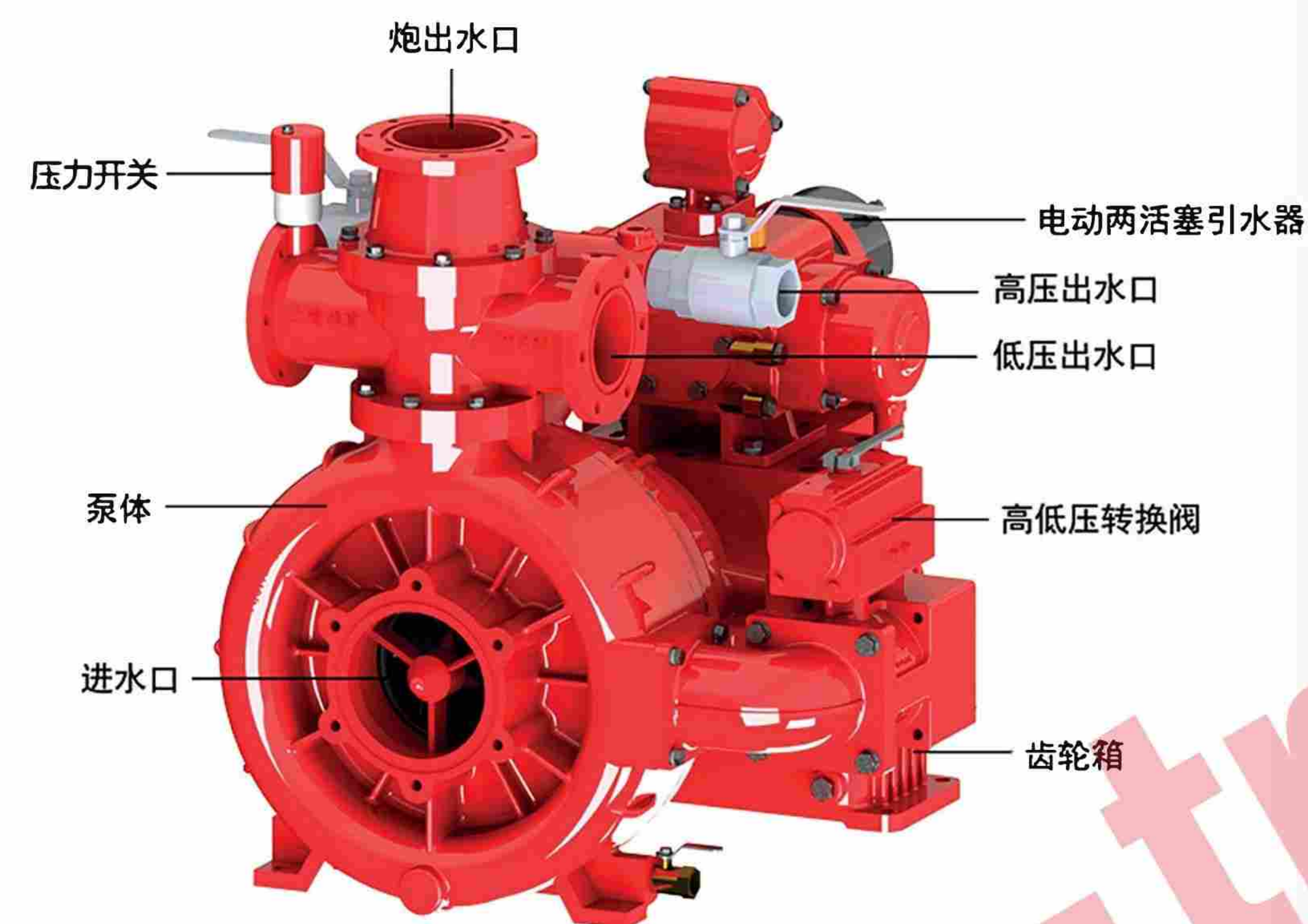
Weight: 120kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB40-10/7-30-XZ

(车用消防泵 /Vehicle fire pump)



The CB40-10/7-30-XZ dual-pressure fire pump adopts a vane-guided centrifugal structure, supporting independent or combined high/low pressure water output via a conversion valve. It features low rotational speed, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

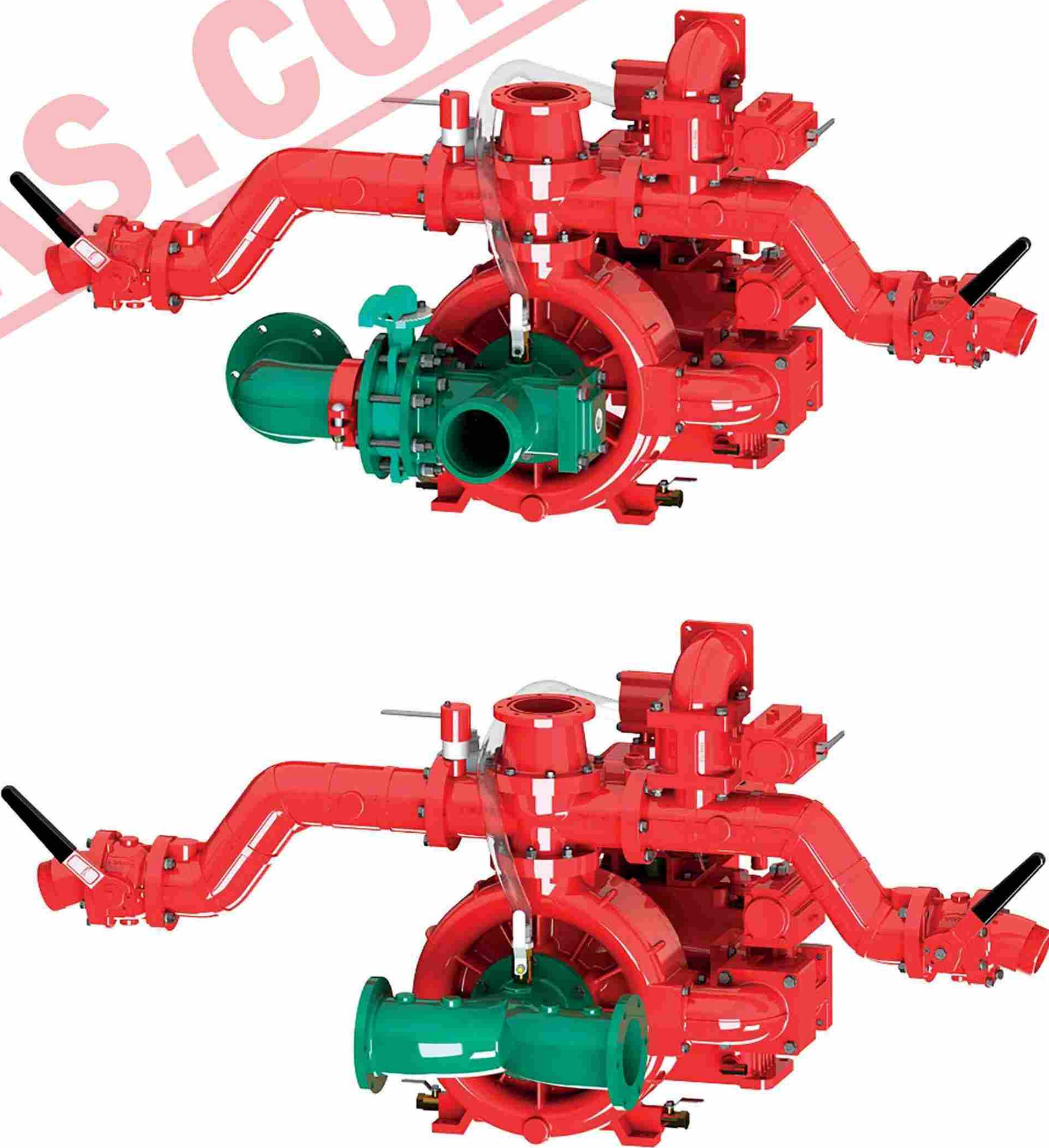
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	30	1.0	3240±50	74	3
2	7	4.0	3450±50	113	3
3	15	1.0	3140±50	49	7
联用 Combination	20	1.0	3400±50	107	3
	3.5	4.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

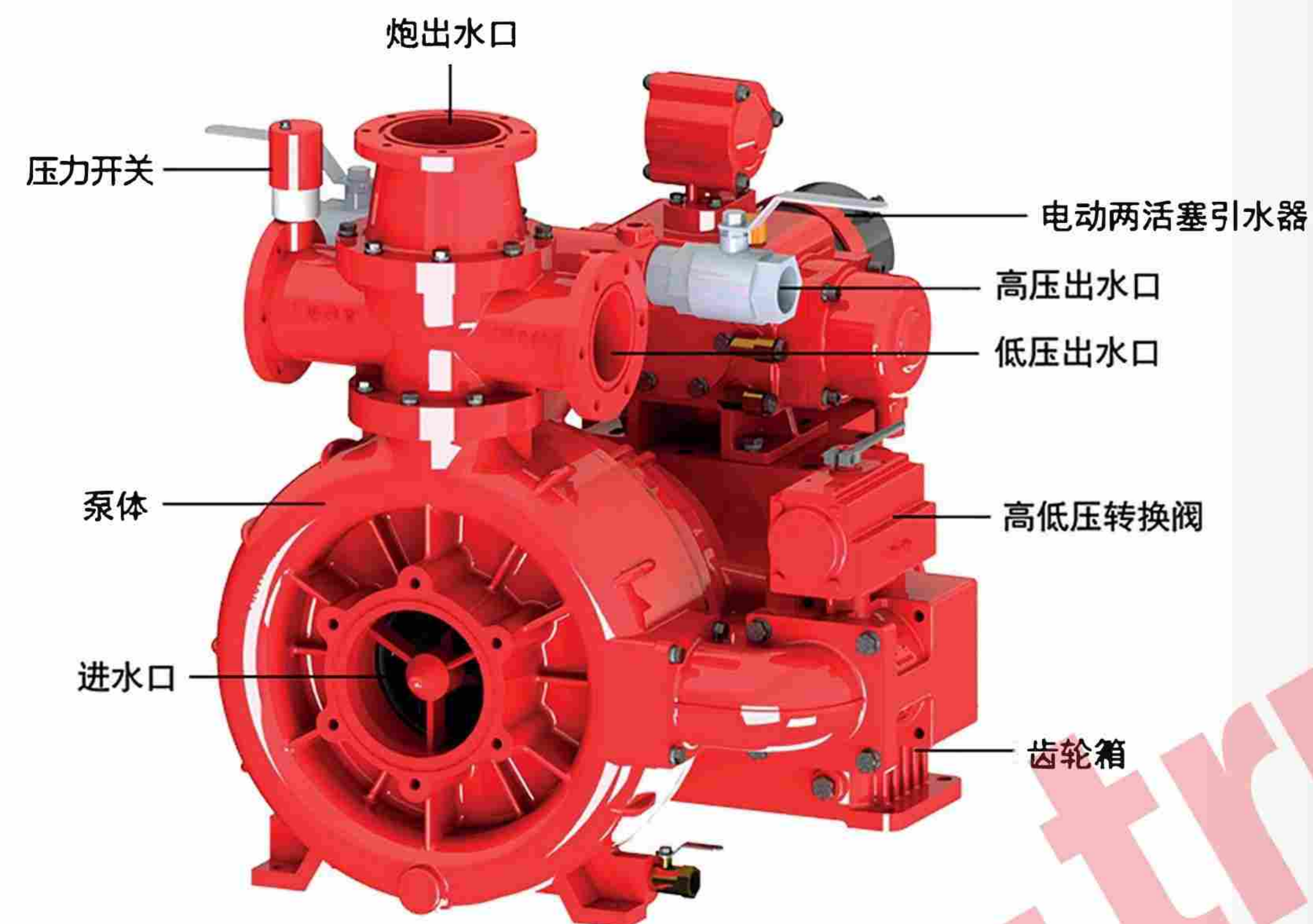
Weight: 138kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB40-10/7-40-XZ

(车用消防泵 /Vehicle fire pump)



The CB40-10/7-40-XZ dual-pressure fire pump adopts a vane-guided centrifugal structure, supporting independent or combined high/low pressure water output via a conversion valve. It features low rotational speed, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

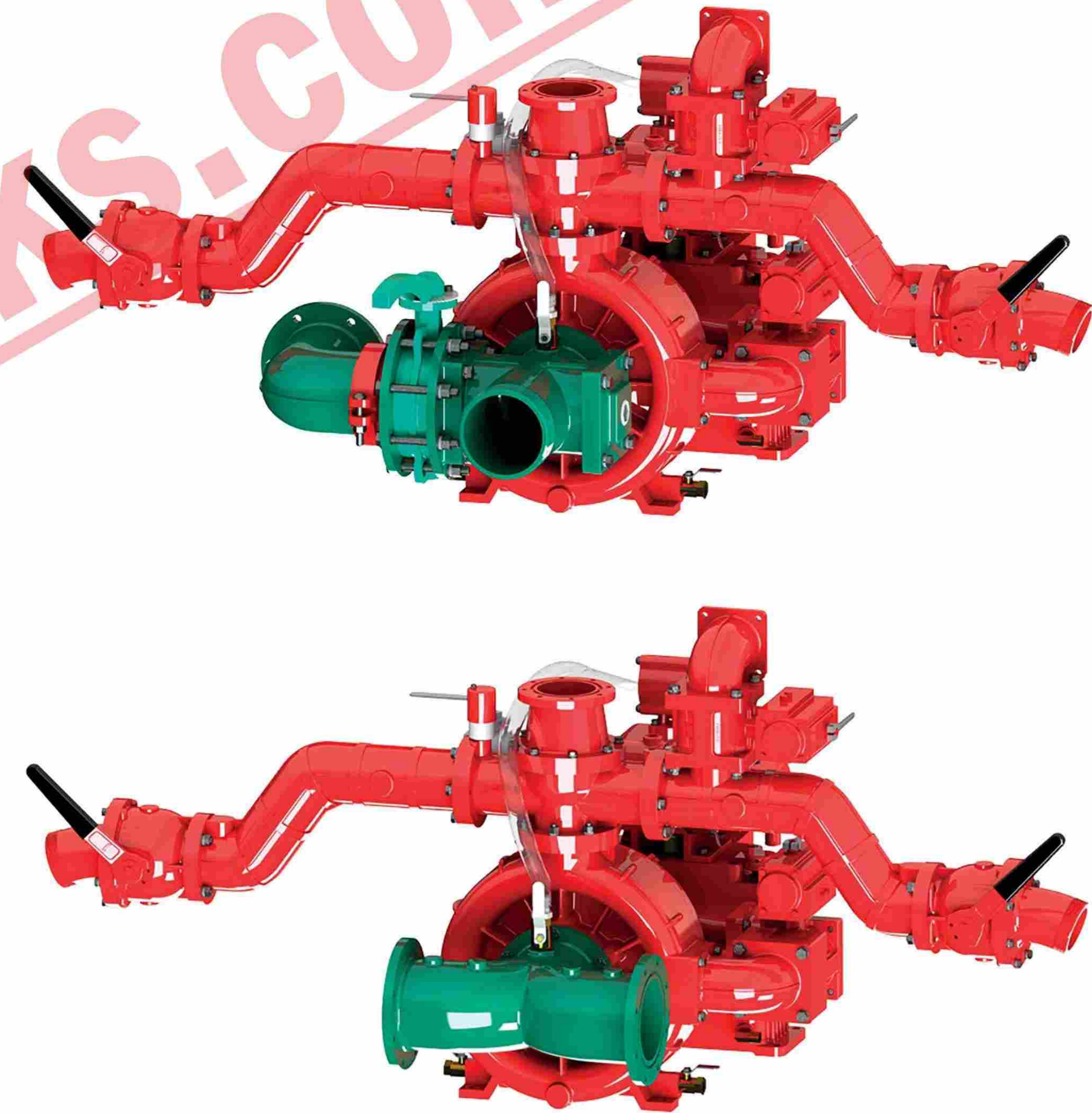
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	40	1.0	3400±50	96	3
2	7	4.0	3450±50	113	3
3	20	1.0	3150±50	53	7
联用 Combination	25	1.0	3400±50	111	3
	3.5	4.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

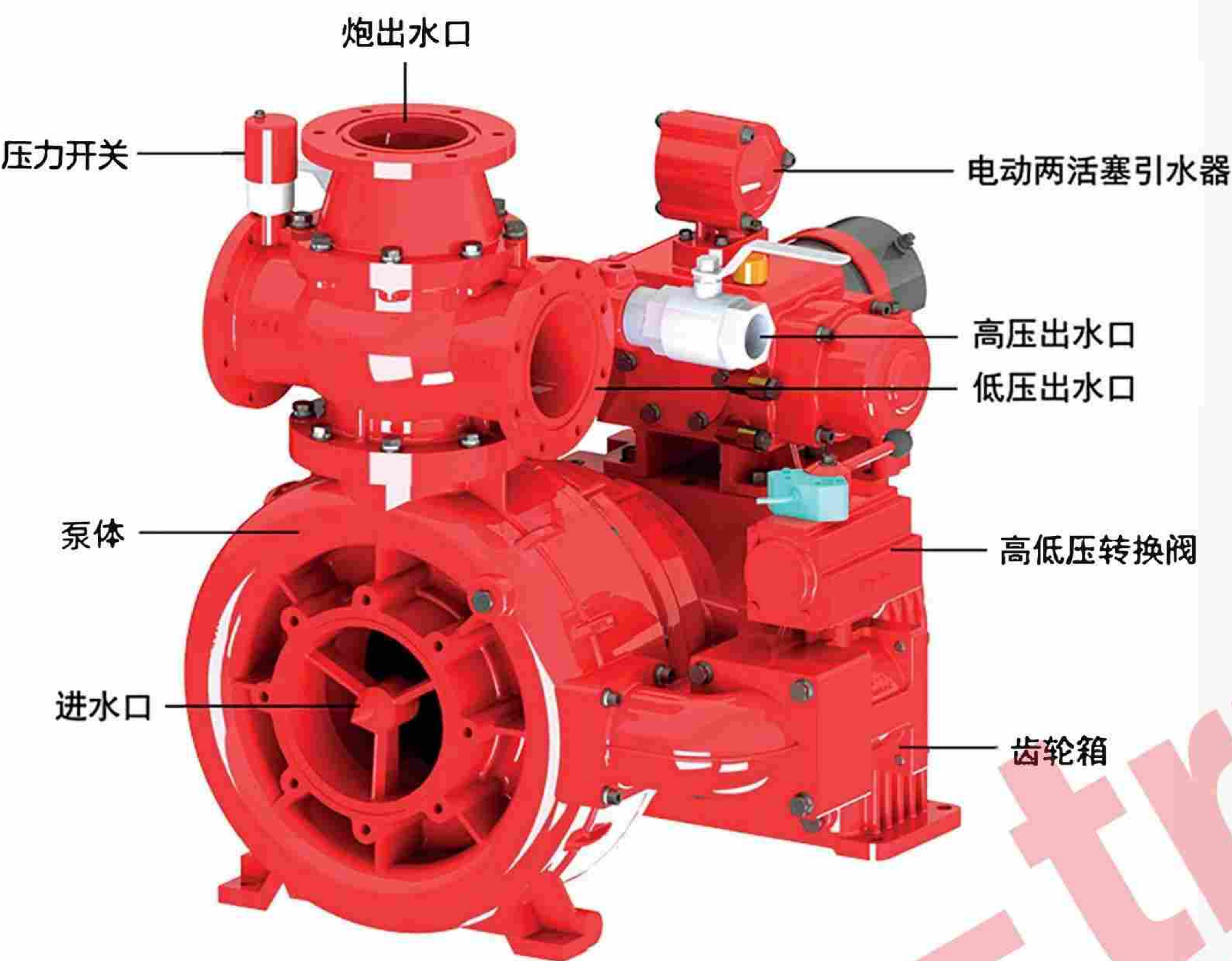
Weight: 138kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB40-10/7-50-XZ

(车用消防泵 /Vehicle fire pump)



The CB40-10/7-50-XZ dual-pressure fire pump adopts a vane-guided centrifugal structure, supporting independent or combined high/low pressure water output via a conversion valve. It features low rotational speed, intuitive operation and consistent reliability. All performance indicators comply with GB6245-2006 standards and have passed type testing at the National Fire Equipment Quality Supervision & Inspection Center.

Performance Parameters

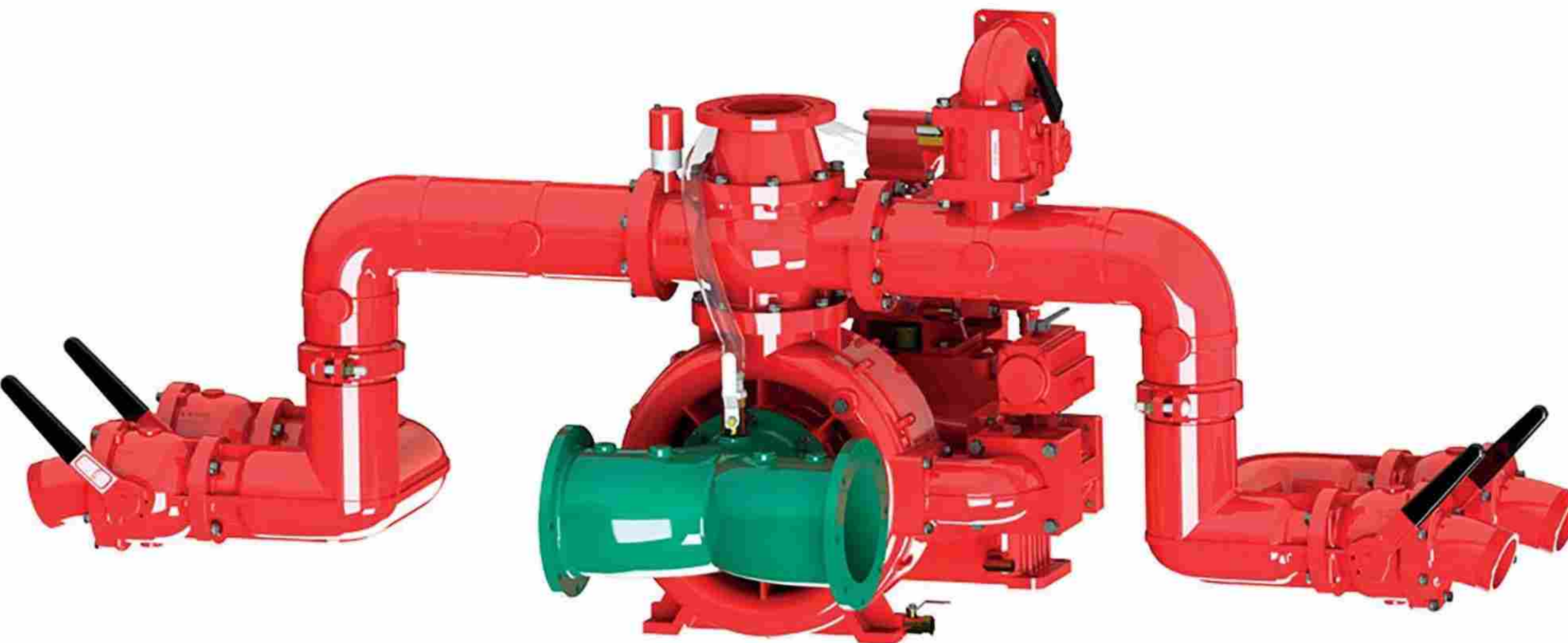
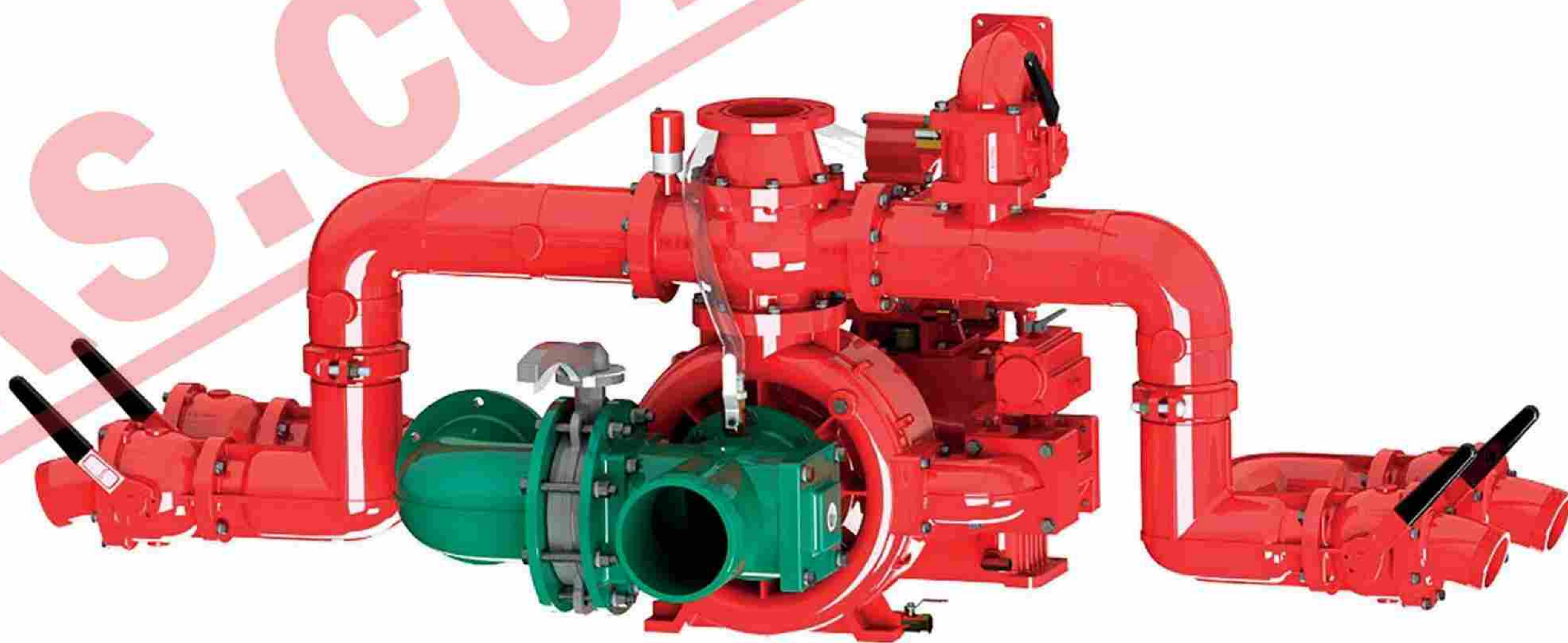
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	5 ⁰ ₅	1.0	3170±50	88	3 ₃
2	7	4.0	3470±50	113	
3	2 ₃₀	1.0	3060±50	59	7 ₃
联用 Combination	3	1.2	3390±50	112	
		4.0			

Technical Specifications

Materials: Pump body A356.2, Impeller A356.2, Pump Shaft 17-4PH, Alloy Mechanical Seal

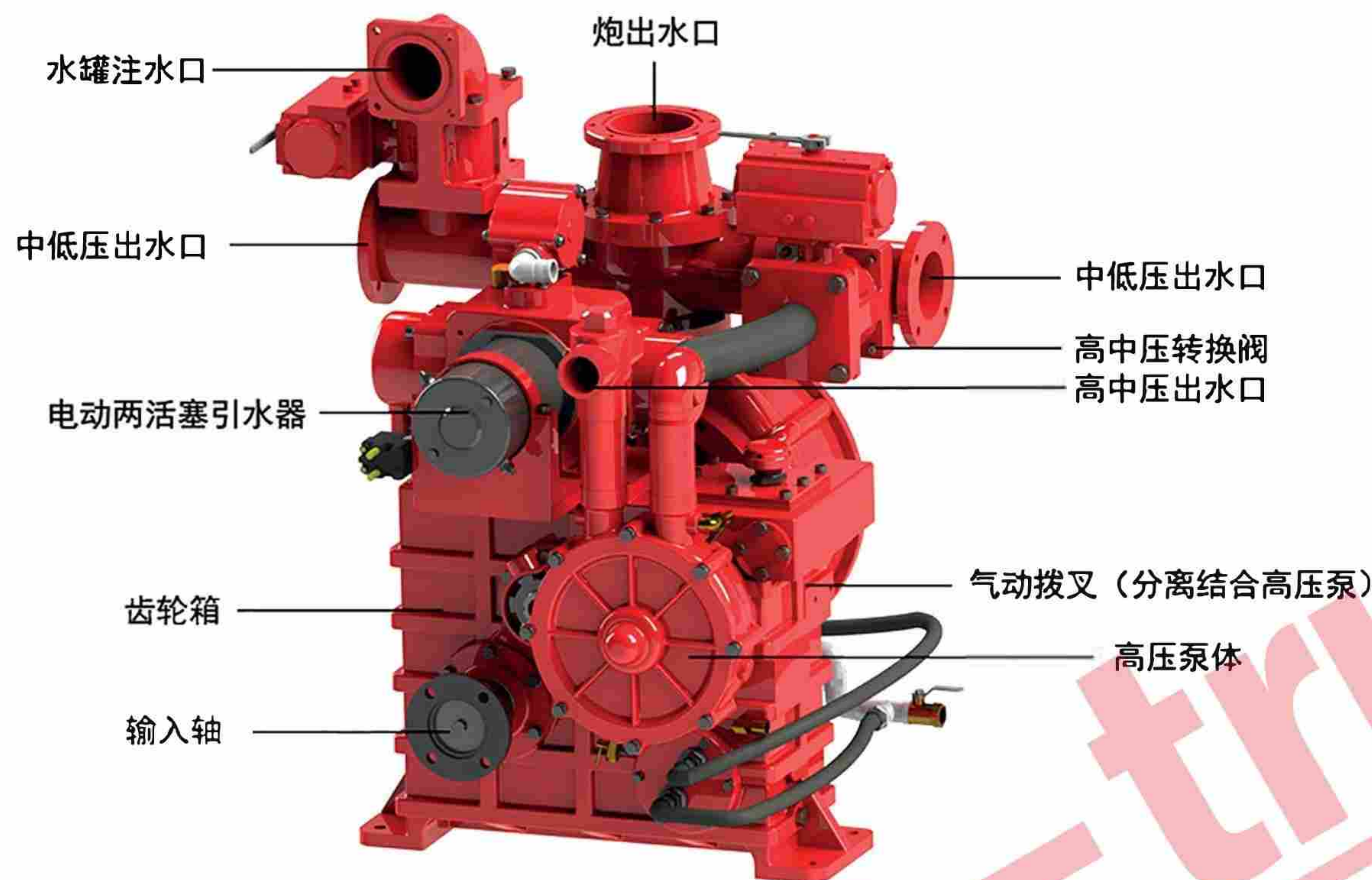
Weight: 146kg (Excluding Inlet & Outlet Pipelines)

Gear Ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772



CB40-20/7-20-XZ

(车用消防泵 /Vehicle fire pump)



The CB40 20/7 20-XZ high, medium, and low pressure vehicle-mounted fire pump is developed by our company to meet the needs of forest fire fighting. It can meet three working conditions: high pressure, medium pressure, and low pressure, and can be used in combination for high and medium pressure water output according to performance parameters. All performance indicators comply with GB6245-2006 standard and have passed the type test of the National Fire Equipment Quality Supervision and Inspection Center.

Performance Parameters

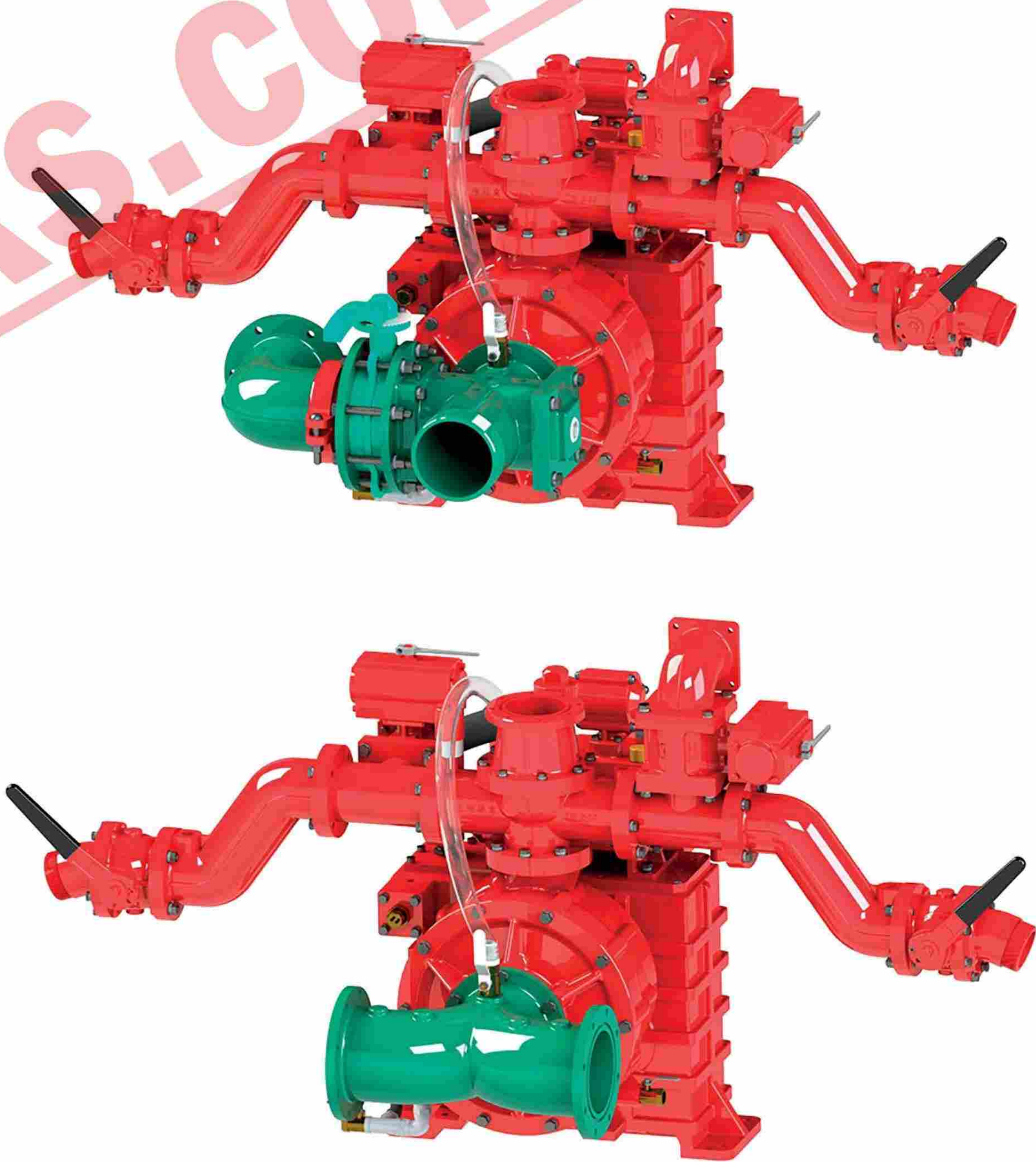
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	20	2.0	3040±50	82	3
2	7	4.0	3470±50	116	3
3	10	2.0	3100±50	75	7
联用 Combination	8	4.0	3900±50	112	3
	10	2.0	3020±50		

Technical Specifications

Materials: Pump body is made of A356.2 steel, A356.2 impeller, 2Cr13 forged pump shaft, and alloy mechanical seal.

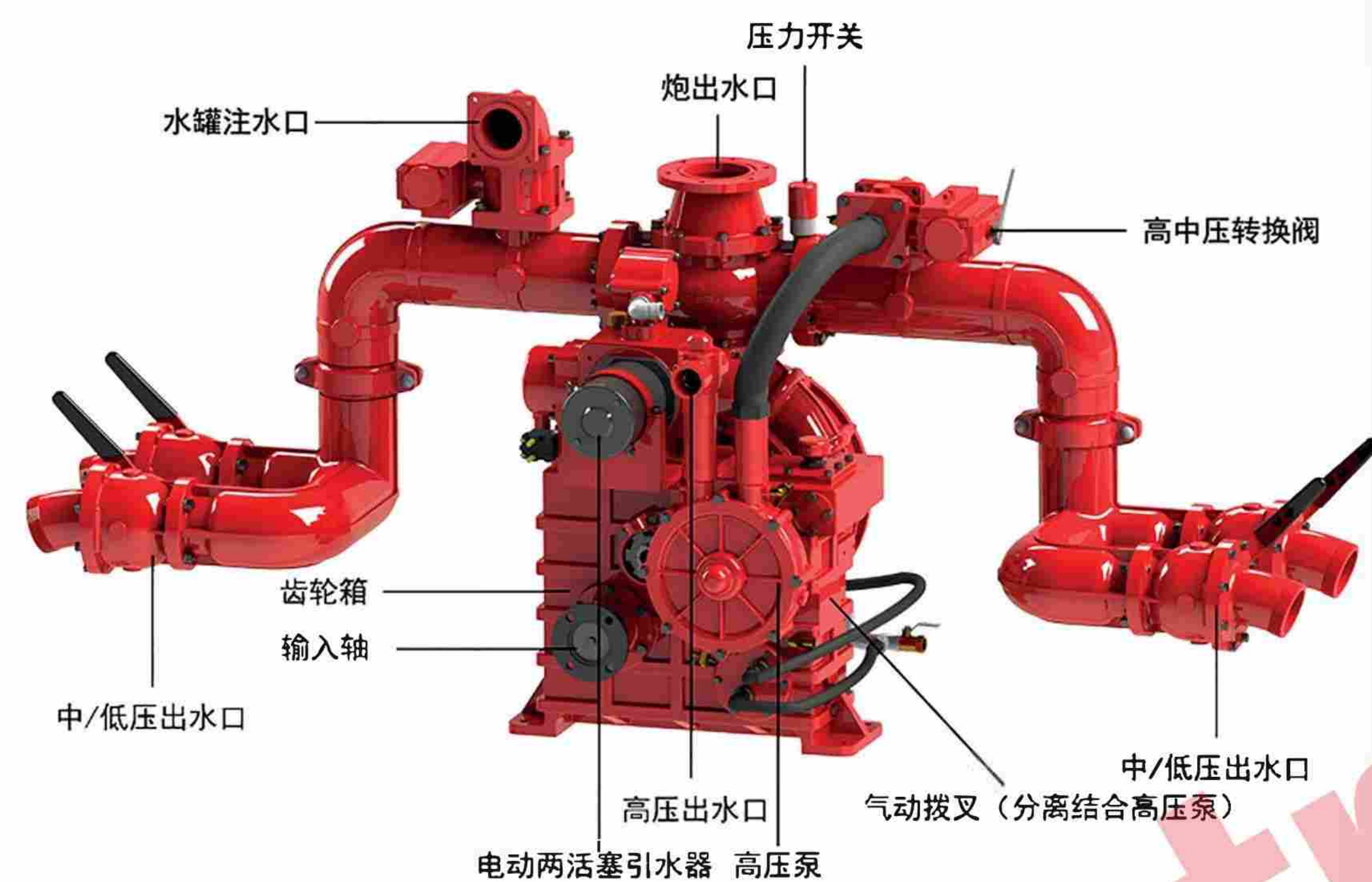
Weight: 118kg (excluding inlet and outlet pipes).

Speed ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772.



CB40·20/7·30-XZ

(车用消防泵 /Vehicle fire pump)



CB40 · 20/7 · 30-XZhigh, medium, and low pressure vehicle-mounted fire pump is developed by our company to meet the needs of forest fire fighting. It can meet three working conditions: high pressure, medium pressure, and low pressure, and can be used in combination for high and medium pressure water output according to performance parameters. All performance indicators comply with GB6245-2006 standard and have passed the type test of the National Fire Equipment Quality Supervision and Inspection Center.

Performance Parameters

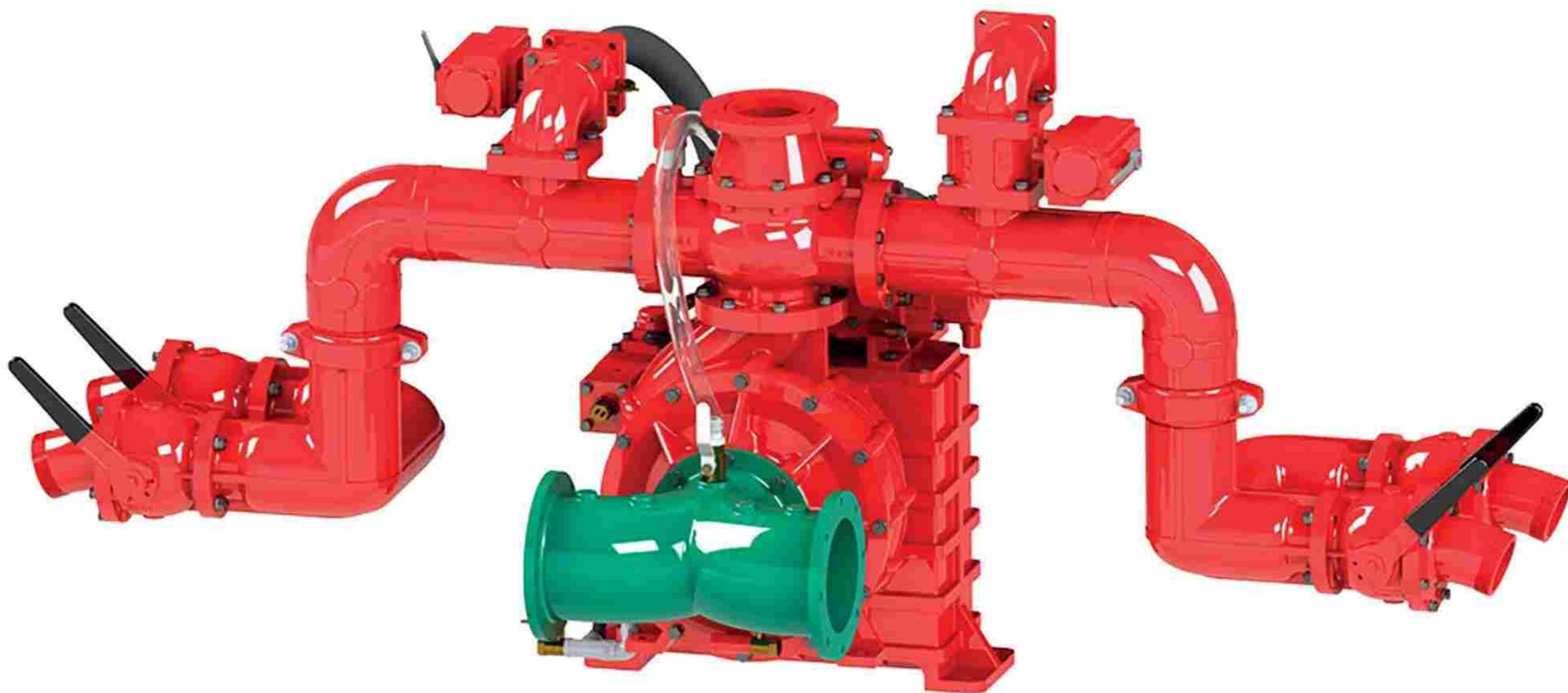
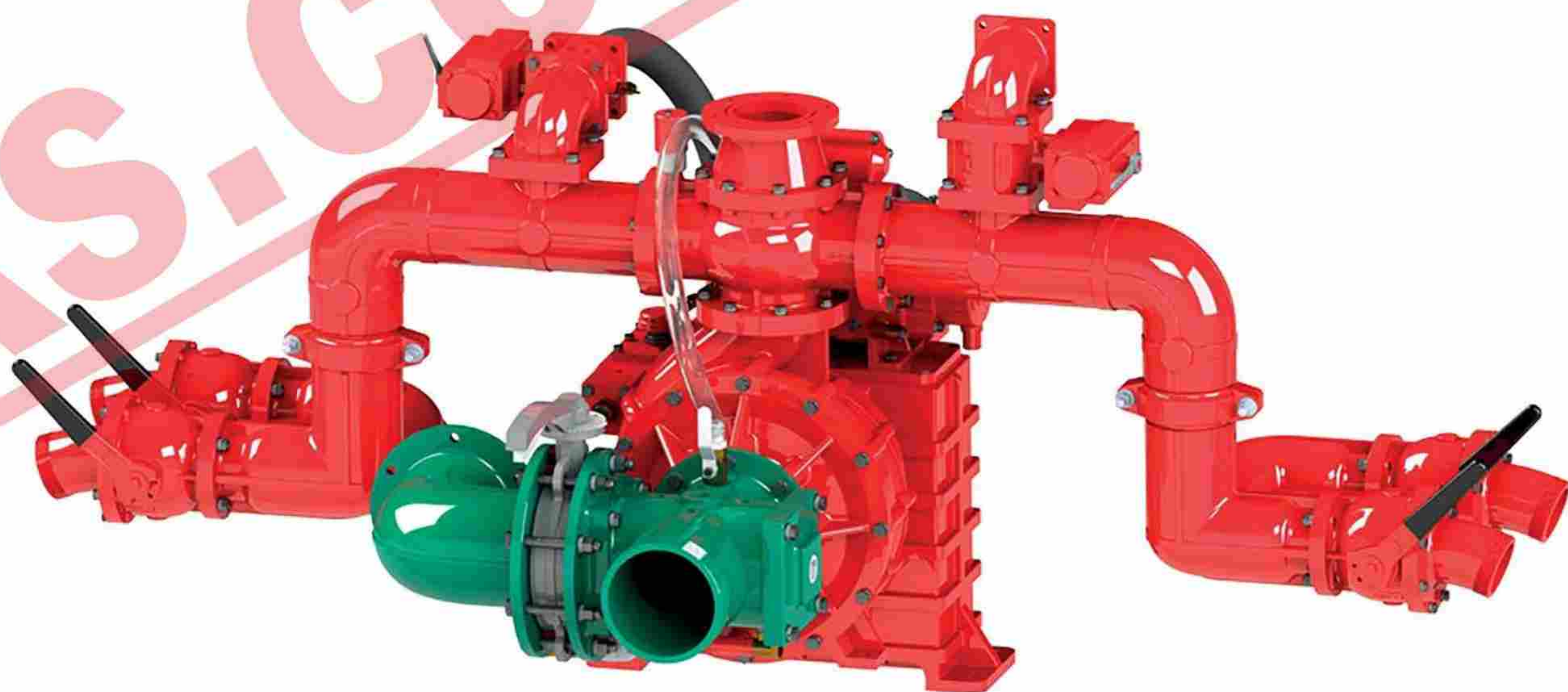
工况 Working Condition	流量 (L/s) Flow	出口压力 (MPa) Outlet Pressure	额定转速 (r/min) Rated RPM	轴功率 (Kw) Axial Power	吸深 (m) Suction Depth
1	30	2.0	3100±50	121	3
2	7	4.0	3470±50	137	3
3	15	2.0	3050±50	84	7
联用 Combination	8	4.0	3970±50	150	3
	15	2.0	3070±50		

Technical Specifications

Materials: Pump body is made of A356.2 steel, A356.2 impeller, 2Cr13 forged pump shaft, and alloy mechanical seal.

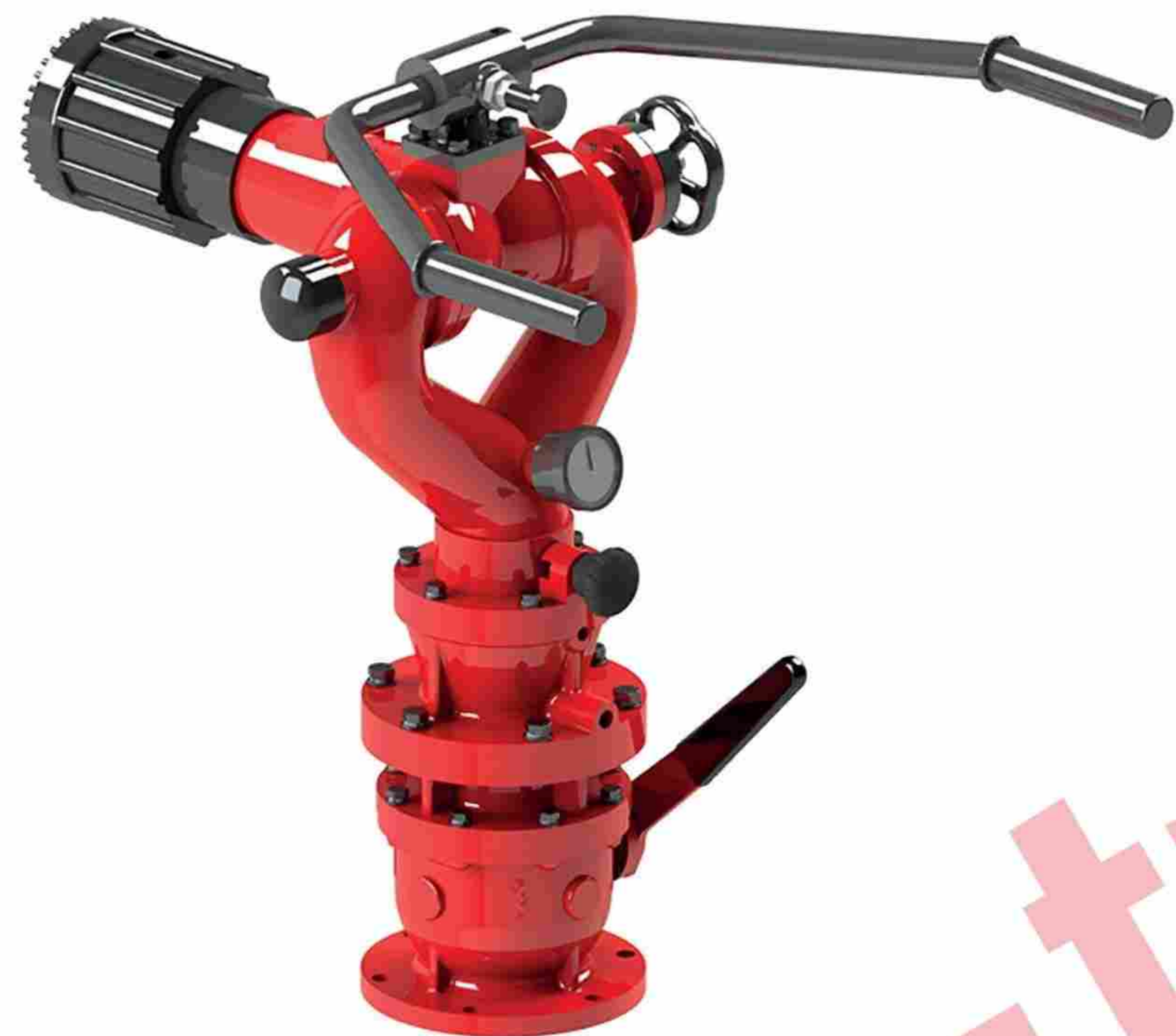
Weight: 130kg (excluding inlet and outlet pipes).

Speed ratios: 1.033, 1.178, 1.259, 1.346, 1.44, 1.541, 1.652, 1.772.



消防水炮

(车用消防泵 /Vehicle fire pump)



The PS series fixed fire monitors are made of A356.2 high-strength aluminum alloy casting. The rotating head allows for easy switching between direct and direct spray modes. The dual-channel design makes rotation even easier during use. They feature a simple and novel structure, stable and reliable performance, flexible operation, convenient maintenance, and long range. They are suitable for fire trucks, docks, industrial and mining enterprises, warehouses, oil fields, storage tanks, and other locations. All performance indicators meet GB 19156-2019 standards and have passed type testing by the National Fire Equipment Quality Supervision and Inspection Center.

Performance Parameters

型号	额定流量	额定压力	射程	最大俯仰	最小俯仰	水平回转角
PS10/20W-XZ	20L/s	1.0MPa	54m	+80°	-20°	360°
PS10/30W-XZ	30L/s	1.0MPa	60m			
PS10/40W-XZ	40L/s	1.0MPa	67m			
PS10/50W-XZ	50L/s	1.0MPa	74m			

消防泡沫炮

(车用消防泵 /Vehicle fire pump)



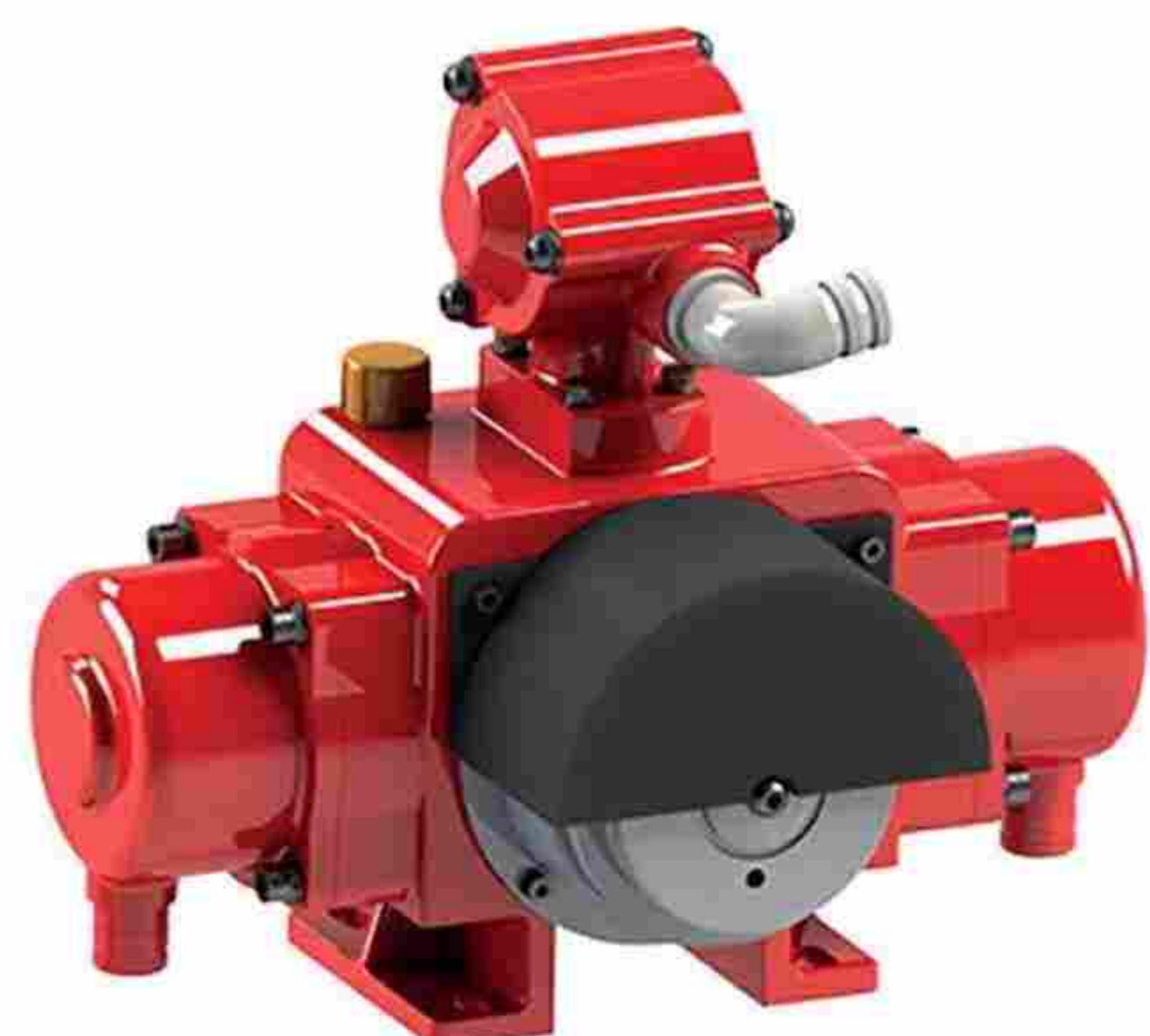
The PL series fixed fire monitor is made of A356.2 high-strength aluminum alloy casting. It is dual-use (foam and water), featuring a stainless steel foam tube with built-in guide vanes for excellent foam expansion and long range. The dual-channel design makes rotation easier during use. It boasts a simple and novel structure, stable and reliable performance, flexible operation, and convenient maintenance. It is suitable for fire trucks, docks, industrial and mining enterprises, warehouses, oil fields, storage tanks, and other locations. All performance indicators comply with GB 19156-2019 standards and have passed type testing by the National Fire Equipment Quality Supervision and Inspection Center.

Performance Parameters

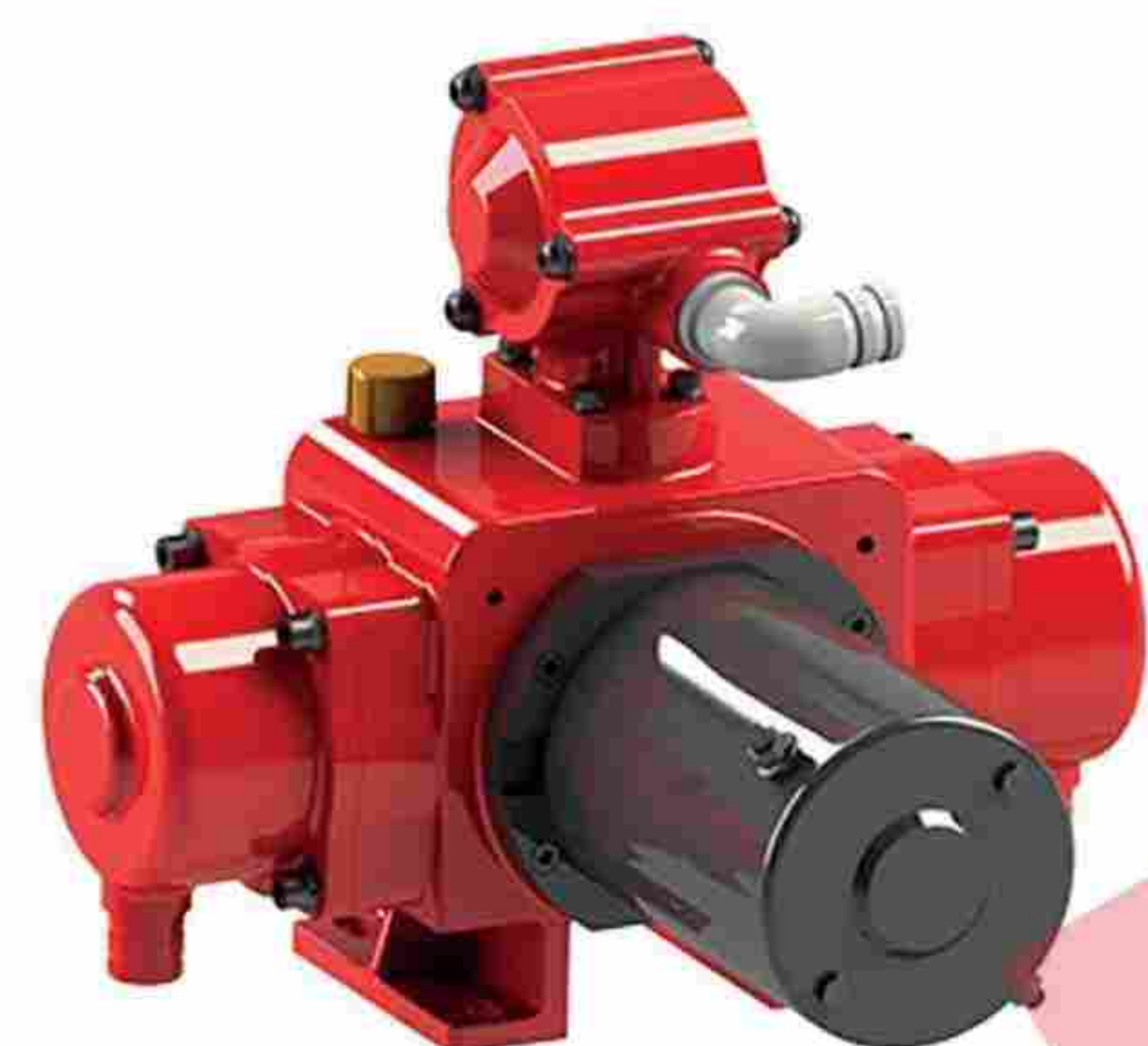
型号	额定流量	额定压力	水射程	泡沫射程	最大俯仰	最小俯仰	水平回转角
PL10/32-XZ	32L/s	1.0MPa	62m	55m	+80°	-20°	360°
PS10/40-XZ	40L/s	1.0MPa	67m	61m			
PS10/48-XZ	48L/s	1.0MPa	72m	65m			

Pump accessories

(车用消防泵 /Vehicle fire pump)



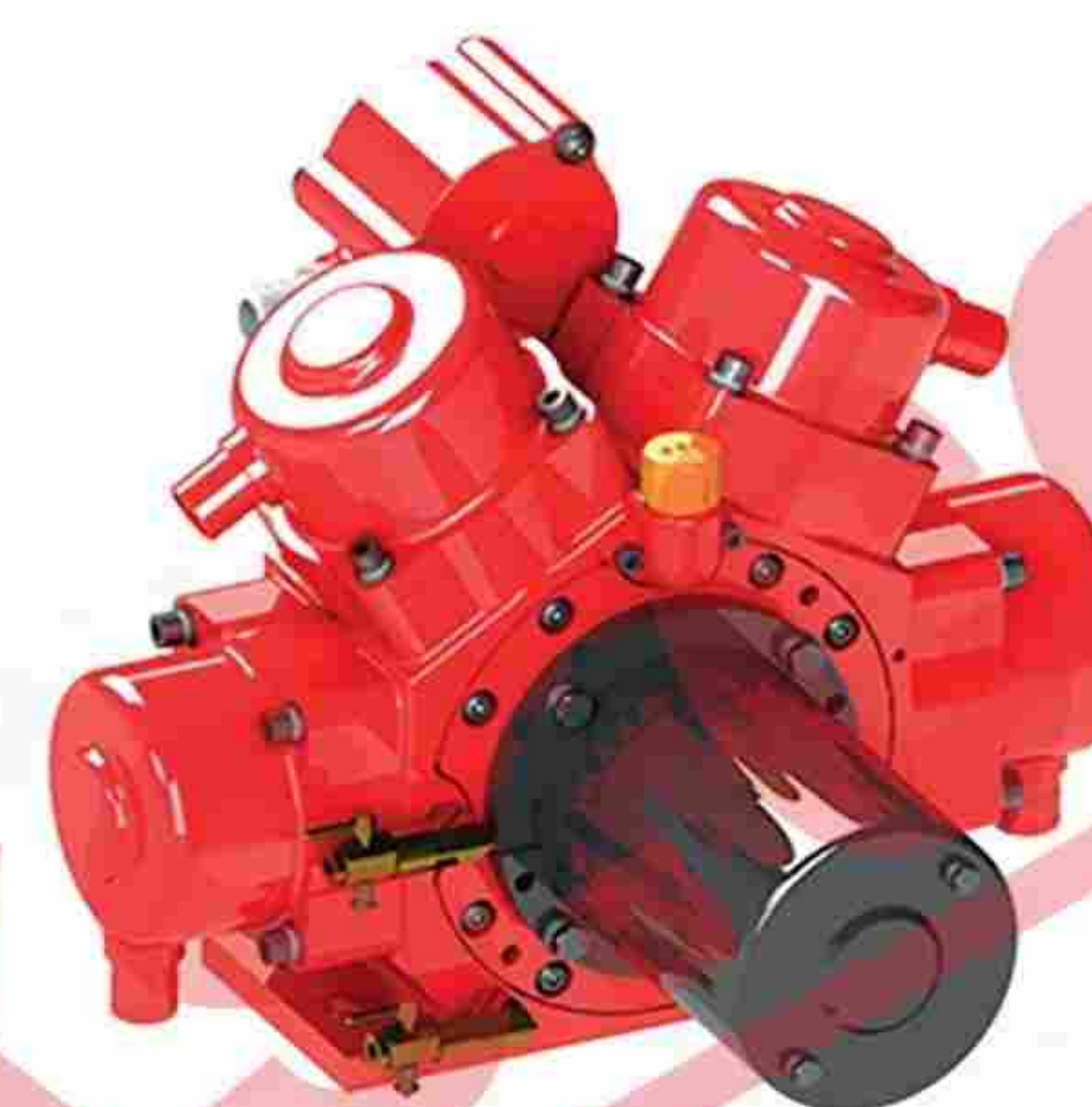
Product Name: Two-Piston Primer
Maximum Vacuum: > 85kPa
Operating Voltage: 24V
Suitable for water pumps below 100L/s



Product Name: Electric Two-Piston Primer
Maximum Vacuum: > 85kPa
Operating Voltage: 24V
Power: 2.1KW
Suitable for water pumps below 100L/s.
It can prime water without rotating the pump,
preventing damage to the mechanical seal.



Product Name: Four-Piston Primer
Maximum Vacuum: >85kPa
Operating Voltage: 24V
Suitable for water pumps with a capacity of 100L/s or higher.



Product Name: Electric Four-Piston Primer
Maximum Vacuum: > 85kPa
Operating Voltage: 24V
Power: 2.1KW
Suitable for water pumps with a flow rate of 100L/s or higher.
Can prime water without rotating the pump,
preventing damage to the mechanical seal.



Product Name: 65 Stainless Steel Valve
Product Model: FQS65/2.5 (Stainless Steel)
Material: Valve Body 304, Ball 304, Seal PTFE
Rated Working Pressure: 2.5MPa
Threaded Connection: G2-1/2"
Opening Method: Hand wheel, Handle



Product Name: 80 Stainless Steel Qiong Valve
Product Model: FQS80/2.5 (Stainless Steel)
Material: Valve body 304, ball 304, sealing PTFE
Rated Working Pressure: 2.5 MPa
Threaded Connection: G3
Opening Method: Handwheel, Handle

Pump accessories

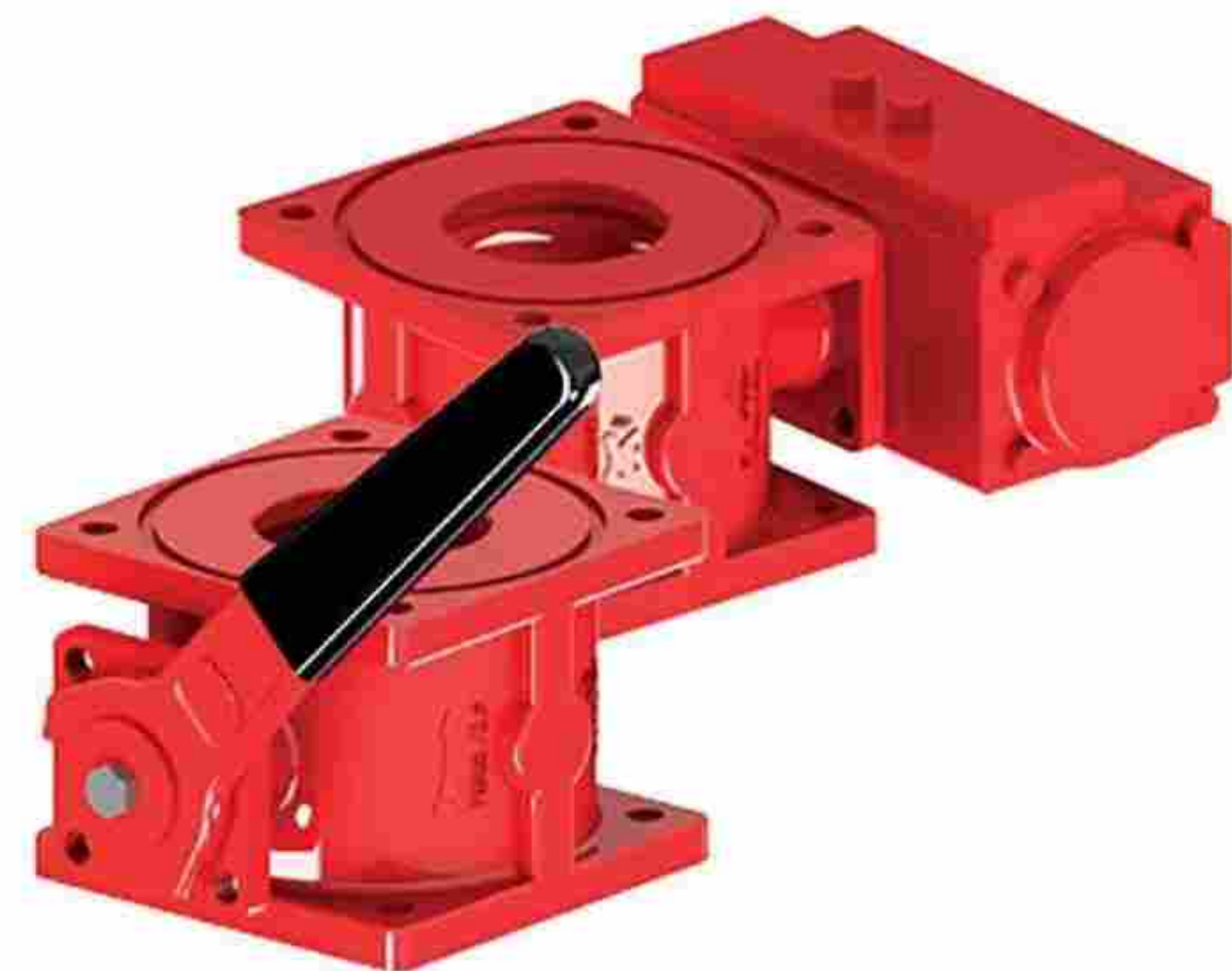
(车用消防泵 / Vehicle fire pump)



Product Name: 65 Ball Valve
Product Model: FQS65/2.5 (Aluminum Alloy)
Material: Valve body A356.2, ball 304, seal PTFE
Rated Working Pressure: 2.5 MPa
Threaded Connection: G2.5
Opening Method: Handwheel, Handle



Product Name: 80 Ball Valve
Product Model: FQS80/1.6 (Aluminum Alloy)
Material: Valve body A356.2, ball 304, seal PTFE
Rated Working Pressure: 1.6MPa
Threaded Connection: G3"
Opening Method: Handwheel, Handle



Product Name: 65 Square Ball Valve
Product Model: FQS65/2.5 (Aluminum Alloy)
Material: Valve body A356.2, ball 304, sealing PTFE
Rated Working Pressure: 2.5MPa
Opening Method: Pneumatic, Handle



Product Name: 65 Gate Valve
Product Model: DN65/2.5 (Aluminum Alloy)
Material: Valve Body A356.2, Valve Stem H62, Valve NBR
Rated Working Pressure: 2.5MPa
Threaded Connection: G2.5
Opening Method: Handwheel



Product Name: 80 Gate Valve
Product Model: DN80/2.5 (Aluminum Alloy)
Material: Valve Body A356.2, Valve Stem H62, Valve NBR
Rated Working Pressure: 2.5MPa
Threaded Connection: G3"
Opening Method: Handwheel



Product Name: Ring Pump Proportioning Mixer
Product Model: PH32-64 (Aluminum Alloy)
Material: Glossy A356.2
Rated Inlet Working Pressure: 0.6-1.4MPa
Mixed Liquid Meteorite: 4-64L/s

Pump accessories

(车用消防泵 / Vehicle fire pump)



Product Name: PHZ100
Material: Shell A356.2
Rated Inlet Working Pressure: 1.0MPa
Mixed Fluid Flow Rate: 60~100L/s
Mixing Ratio: 3%, 6%, 8%



Product Name: PH32-64 Semi-Automatic Proportional Mixer
Mixed Liquid Flow Rate: 32-64 L/s
Inlet Pressure Range: 0.6-1.2 MPa
Mixing Ratio: 1%, 3%, 6%
Operating Voltage: 10-33V
Operating Temperature: -20-65°C
Protection Rating: IP65



Product Name: PH32-64Z Fully Automatic Proportional Mixer
Mixed Liquid Flow Rate: 32-64 L/s
Inlet Pressure Range: 0.6-1.2 MPa
Mixing Ratio: 1%, 3%, 6%
Operating Voltage: 10~33V
Operating Temperature: -20-65°C
Protection Rating: IP65



Product Name: PH80-140 Semi-Automatic Proportional Mixer
Mixed Liquid Flow Rate: 80-140 L/s
Inlet Pressure Range: 0.6-1.2 MPa
Mixing Ratio: 1%, 3%, 6%
Operating Voltage: 10-33V
Operating Temperature: -20-65°C
Protection Rating: IP65



Product Name: PH80-140Z Fully Automatic Proportional Mixer
Mixed Liquid Flow Rate: 80-140 L/s
Inlet Pressure Range: 0.6-1.2 MPa
Mixing Ratio: 1%, 3%, 6%
Operating Voltage: 10~33V
Operating Temperature: -20-65°C
Protection Rating: IP65



Product Name: Fire Hydraulic Control System
Operating Voltage: DC 10-33V
Operating Temperature: -20-65°C
Protection Rating: IP65
Main Functions: One-button water dispensing function, pressure balancing function. The system features engine start/stop, rotary throttle adjustment, emergency stop, and buzzer alarm functions. Real-time monitoring of the tank's liquid level; automatically controls engine idling when the liquid level is low. Customization services are available.