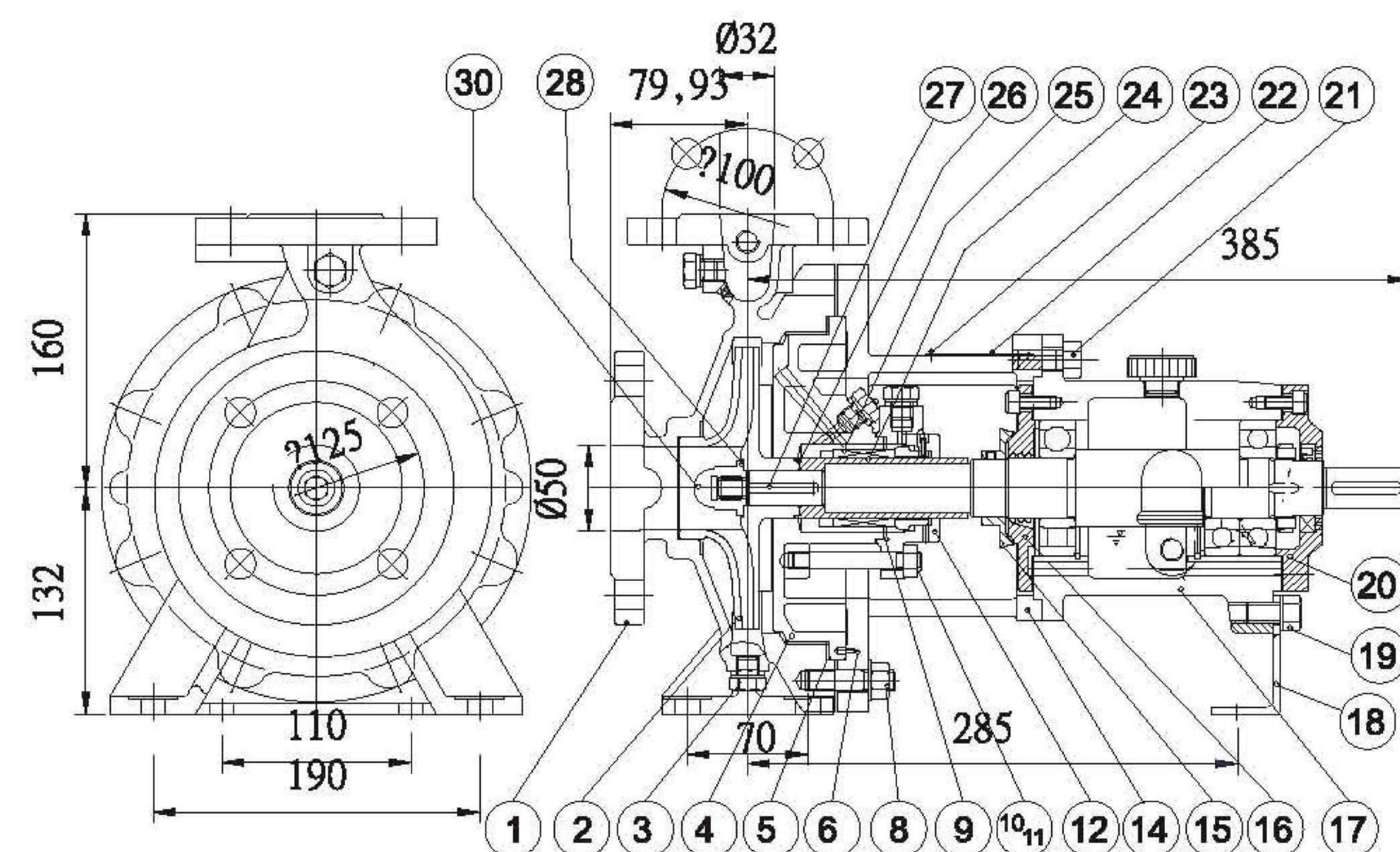


STAINLESS STEEL pumps

CONSTRUCTION:



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Inlet flange	SUS304	11	Seal Setting screw	Steel Plated Zinc	21	Seat screw	Steel Plated Zinc
2	Impeller	SUS304	12	Seal Cover	SUS304	22	Name Plate	1Cr18Ni9Ti
3	Drainage plug	SUS304	14	Support	FC200	23	Riveted pin	Tin
4	Seal Housing	SUS304	15	Seal Cover	Steel Plated Zinc	24	Seal Sleeve	SUS304
5	Gasket	PEorNon-Asbestos	16	Bearing Cap.1	FC200	25	Mechanical Seal	Dia.35 type
6	Position pin	FC200	17	Bearing Seat	FC200	26	Seal Sleeve	PEorNon-Asbestos
8	Bracket screws	S35C	18	Foot	Steel	27	Key	Steel
9	Seal Cover's gasket	PEorNon-Asbestos	19	Screw	Steel Plated Zinc	28	Impeller gasket	PEorNon-Asbestos
10	Seal Setting nut	S35C	20	Bearing Cap.2	FC200	30	Impeller nut	SUS316

MCKARLEN

CP Series

STAINLESS STEEL END SUCTION STANDARDIZED CHEMICAL pumps TO EN733 / ISO 2858 / DIN24255

Operating Data::

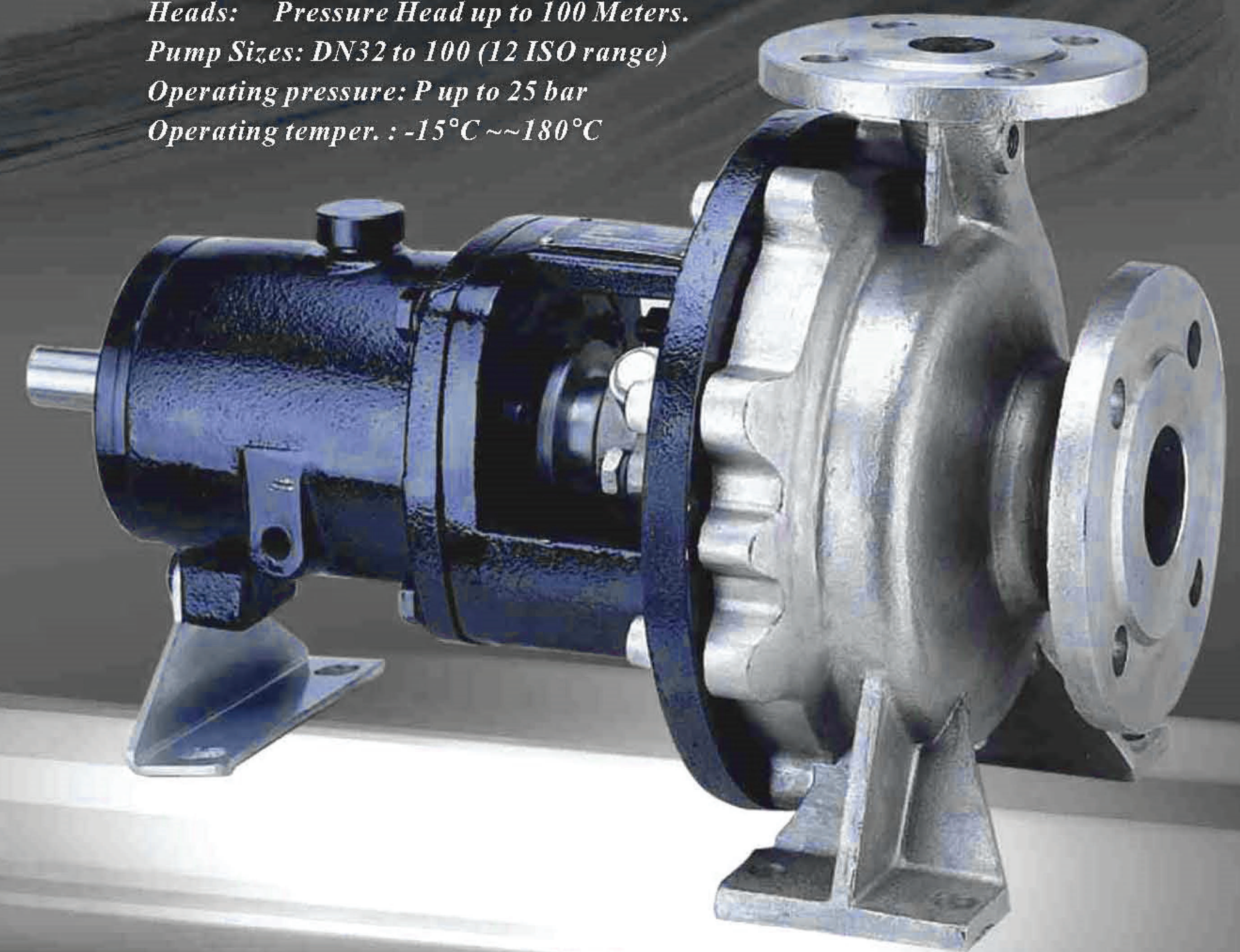
Capacity: Flow Quantity up to 200 m³/h

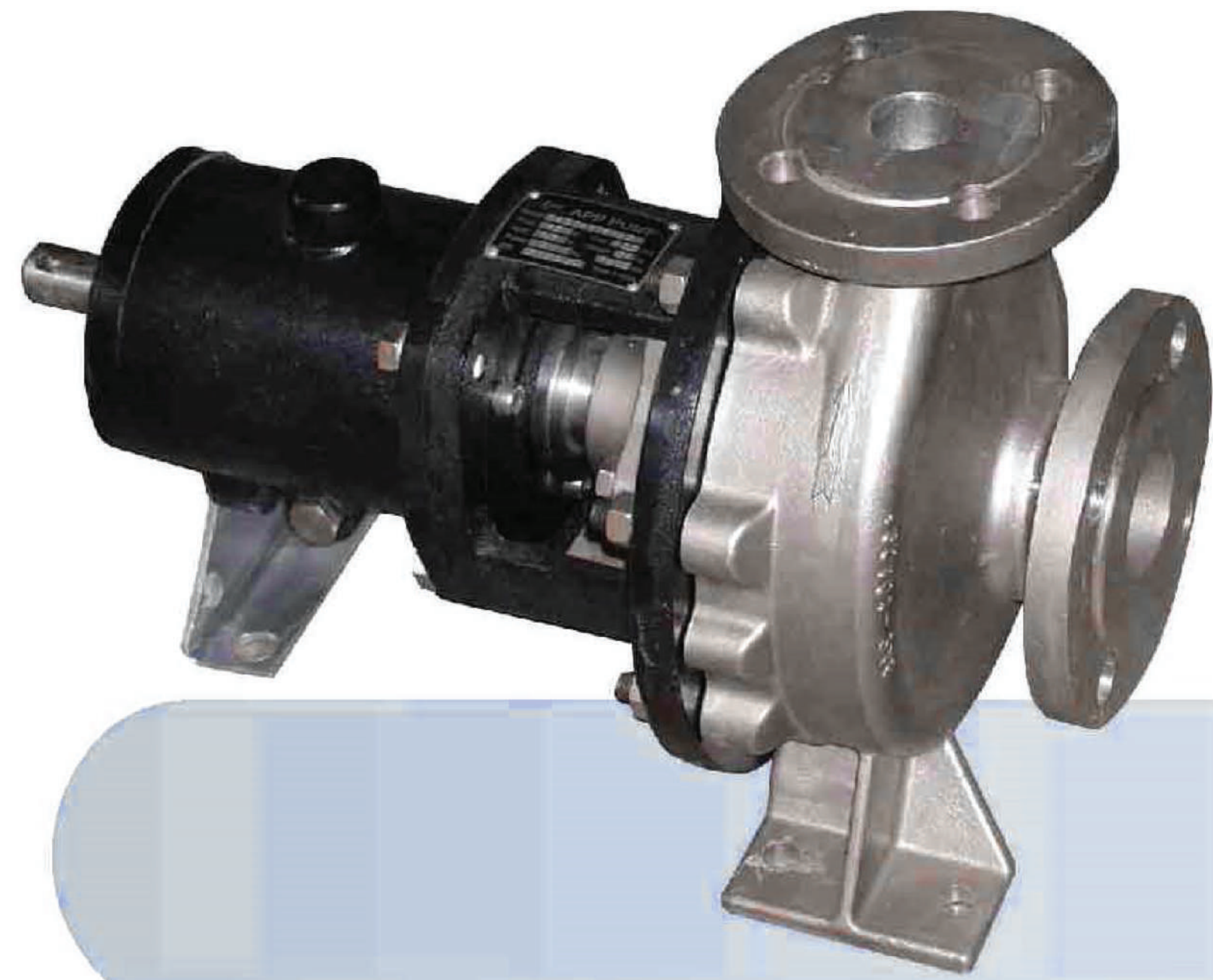
Heads: Pressure Head up to 100 Meters.

Pump Sizes: DN32 to 100 (12 ISO range)

Operating pressure: P up to 25 bar

Operating temper. : -15°C ~180°C

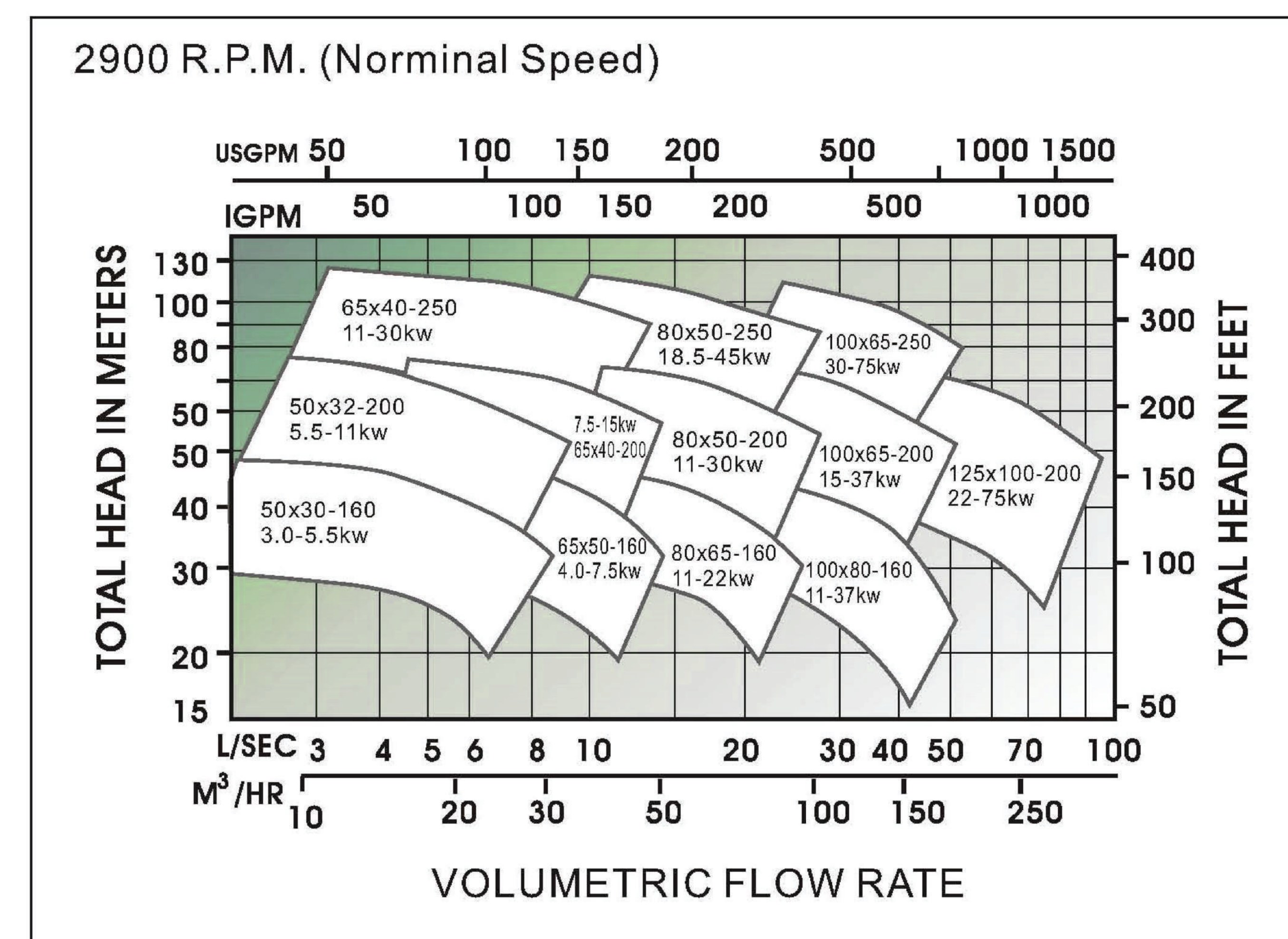




APPLICATIONS:

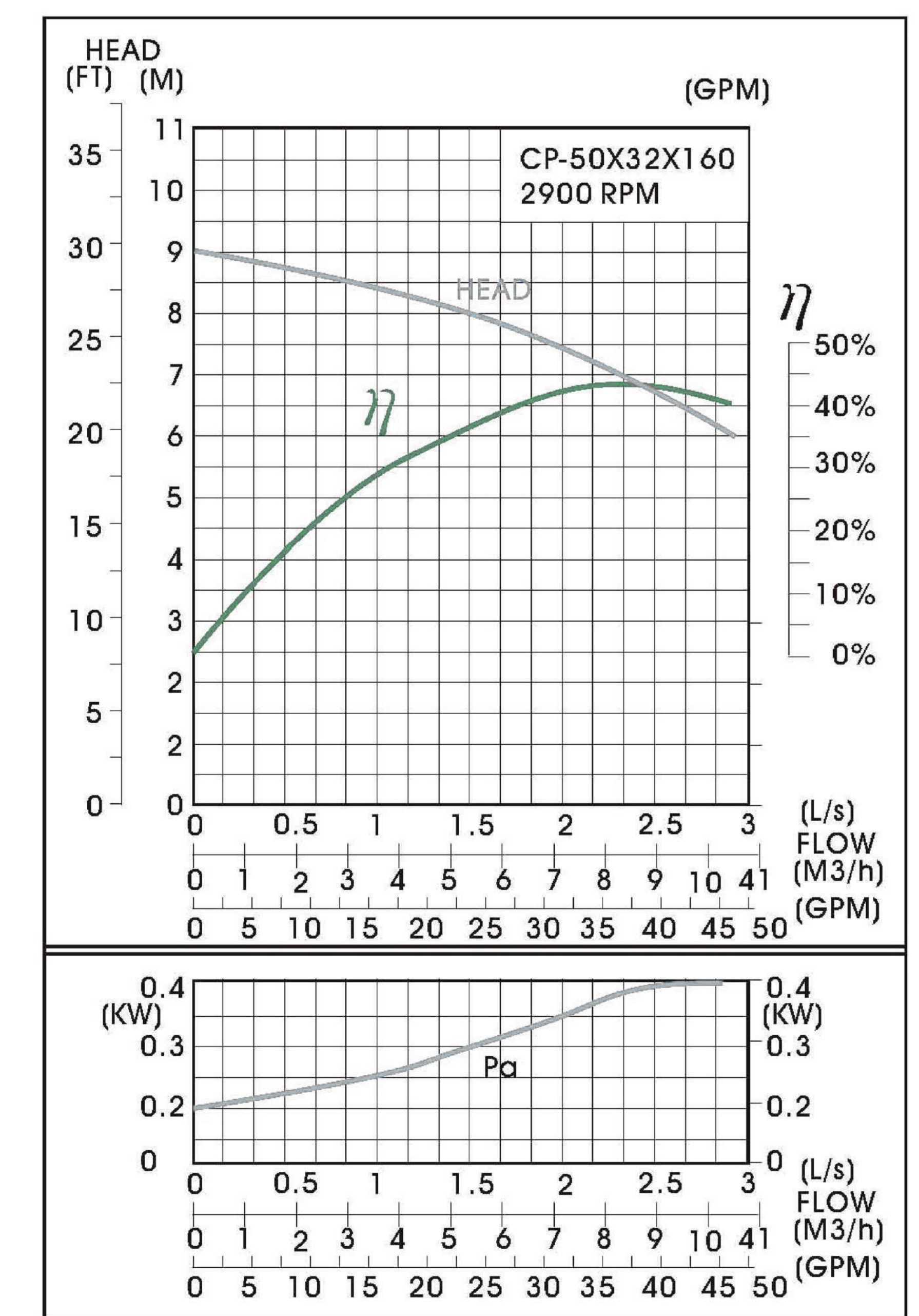
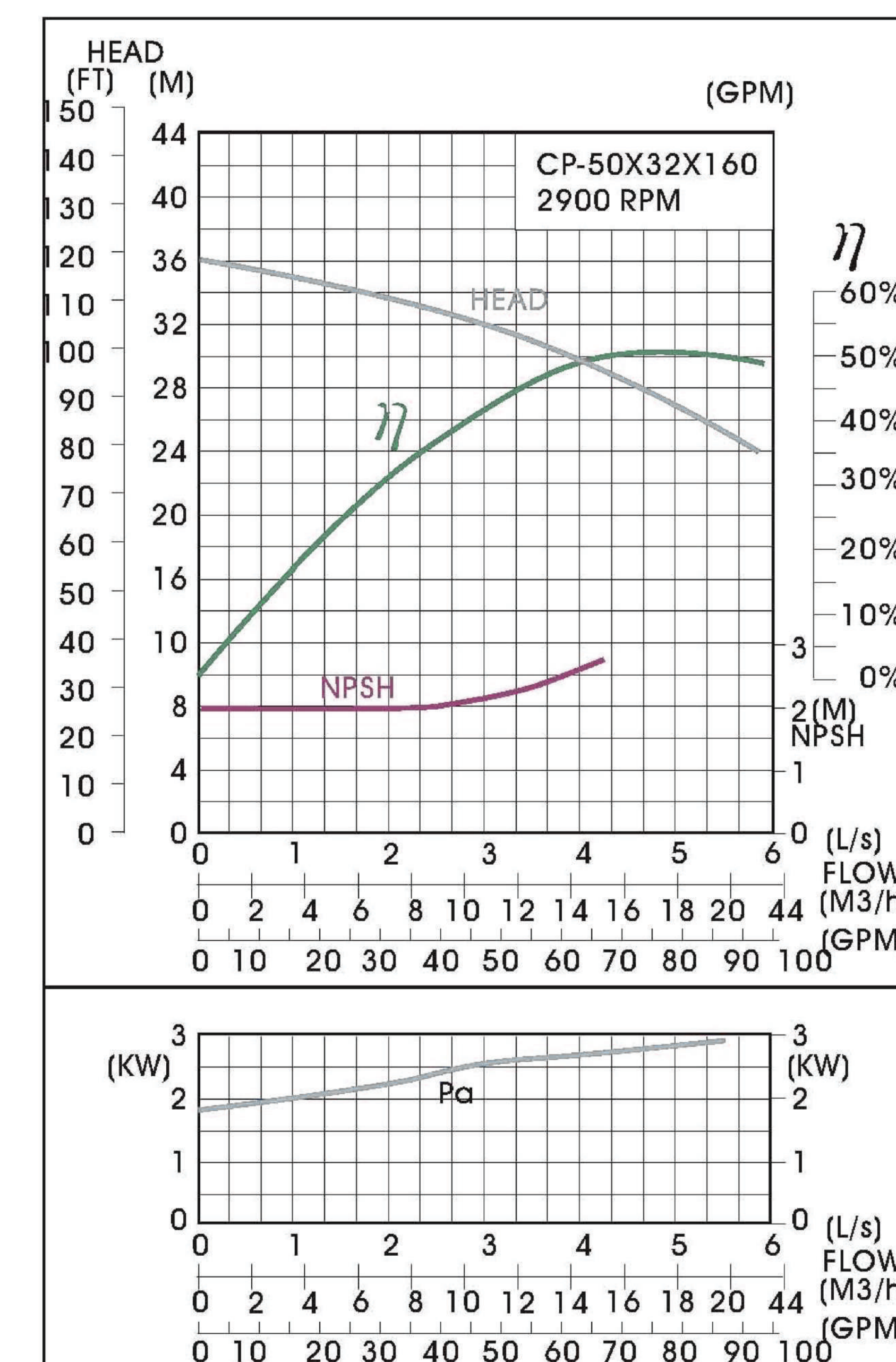
- Based on IOSO 2858/DIN24255 the standard design with AISI304 impeller, combined with split volute casing pump in back-pull-out design and mechanical seal set. Seal and single stage, single-entry.
- Pump casing whole use in AISI304 material.
- With visual inspected oil mirror to check the lubricant oil to ensure the pump is suitable for continuous running.
- Designed with AISI 316 are optional, also the mechanical seal. Seal could be changed into silicon /ce type, special custom-made is available.
- Application in chemistry, food, paper works, sea water station, environmental equipments usage.

PERFORMANCE:



DESIGN:

- Horizontal, single-entry, single-stage to ISO2858
- It's simple to disassemble them for the design of the radially split volute pump casing in back-pull-out with radial impeller.



Model No.	Inlet Dia.	Outlet Dia.	Impeller Size Dia.	Cartridge Seal Dia.	Input Shaft Dia.	Driven Power	Max. Capacity Head / Flow	Rated Capacity Head / Flow
50 x 32 -160	50mm	32mm	160mm	Dia. 50 mm Seal	Dia. 24 x 50 mm L	Dia. 24 x 50 mm L	35m / 18m³/h	32m / 12.5m³/h
50 x 32 -200	50mm	32mm	200mm		Dia. 24 x 50 mm L	Dia. 24 x 50 mm L	53m / 17m³/h	50m / 12.5m³/h
65 x 50 -160	65mm	50mm	160mm		Dia. 24 x 50 mm L	Dia. 24 x 50 mm L	35m / 34m³/h	32m / 25m³/h
65 x 40 -200	65mm	40mm	200mm		Dia. 24 x 50 mm L	Dia. 24 x 50 mm L	55m / 32m³/h	50m / 25m³/h
65 x 40 -250	65mm	40mm	250mm	Dia. 50 mm Seal	Dia. 32 x 80 mm L	Dia. 32 x 80 mm L	82m / 34m³/h	80m / 25m³/h
80 x 65 -160	80mm	65mm	160mm		Dia. 24 x 50 mm L	Dia. 24 x 50 mm L	38m / 64m³/h	32m / 50m³/h
80 x 50 -200	80mm	50mm	200mm		Dia. 24 x 50 mm L	Dia. 24 x 50 mm L	58m / 63m³/h	50m / 50m³/h
80 x 50 -250	80mm	50mm	250mm		Dia. 32 x 80 mm L	Dia. 32 x 80 mm L	85m / 62m³/h	80m / 50m³/h
100 x 80 -160	100mm	80mm	160mm	Dia. 50 mm Seal	Dia. 32 x 80 mm L	Dia. 32 x 80 mm L	40m / 140m³/h	32m / 100m³/h
100 x 65 -200	100mm	65mm	200mm		Dia. 32 x 80 mm L	Dia. 32 x 80 mm L	57m / 130m³/h	50m / 100m³/h
100 x 65 -250	100mm	65mm	250mm		Dia. 32 x 80 mm L	Dia. 32 x 80 mm L	90m / 136m³/h	80m / 100m³/h
125 x 100 -200	125mm	100mm	200mm		Dia. 32 x 80 mm L	Dia. 32 x 80 mm L	64m / 250m³/h	50m / 200m³/h

We design the shaft in Stainless Steel AISI304 grade, AISI 316 shaft is optional.
Cartridge Seal's material could be optional for Tugsen Carbide or Silicon Carbide.