

Limits of use

- Ambient temperature: Up to +40°C
- Liquid temperature: Up to +90°C
- PH value of liquid between 6.5-8.5
- Power: 50hz, single-phase 220v, three-phase 380v, fluctuated up and down 10%

Features

- Thickness design for the pump casing to assure the pump to bear the pressure of the 2 times more than itself head.
- Using the high grade M/S to assure no leakage under the high pressure
- The adoption design of that inlet bigger than outlet to assure reach highest head
- For boosting the hot water of this kind pump are also available on request
- Through cutting the impeller to make different models A,B,C to supply more choice for different use

Application

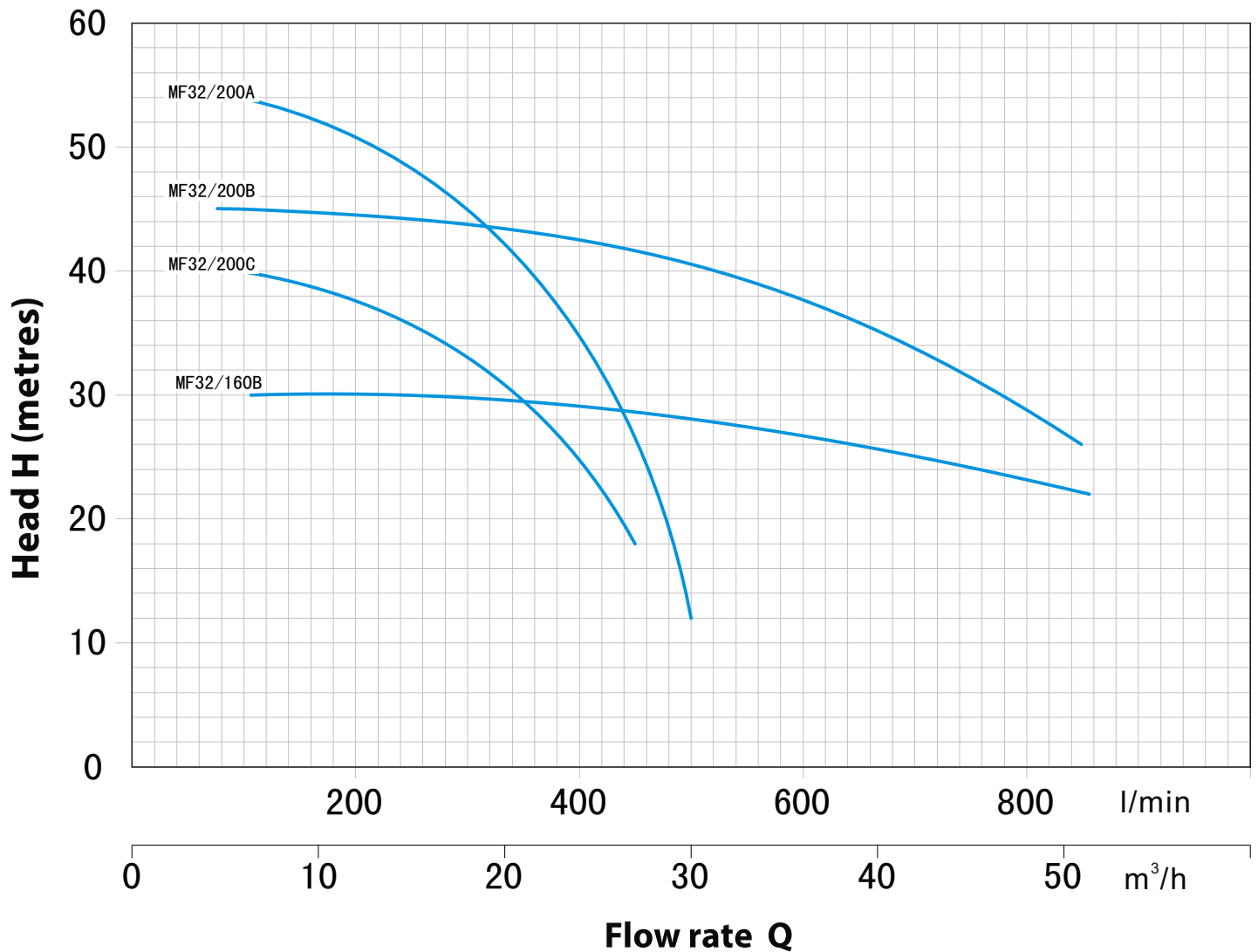
- Be used to delivery the clean water without the abrasive particles
- Be used to clean or cool the machine tools with high pressure
- Be used to pump the water for the industrial or house use from the well
- Be used to boost the water in pressurization system
- The high flow centrifugal pump is widely used for cold/hot water circulating and pressure boosting in many fields (chemical industry, petrochemical industry, military industry, pharmaceutical industry, nuclear power industry, ship building industry, textile industry, etc.) and systems (HVAC, firefighting system, urban water supply and drainage system, irrigation system for gardens, water boosting system in high-rise buildings, etc.). From this point of view, it is also known as firefighting pump, irrigation pump or water circulation pump.

Warranty

- 2 years subject to terms and conditions

CHARACTERISTIC CURVES AND PERFORMANCE DATA

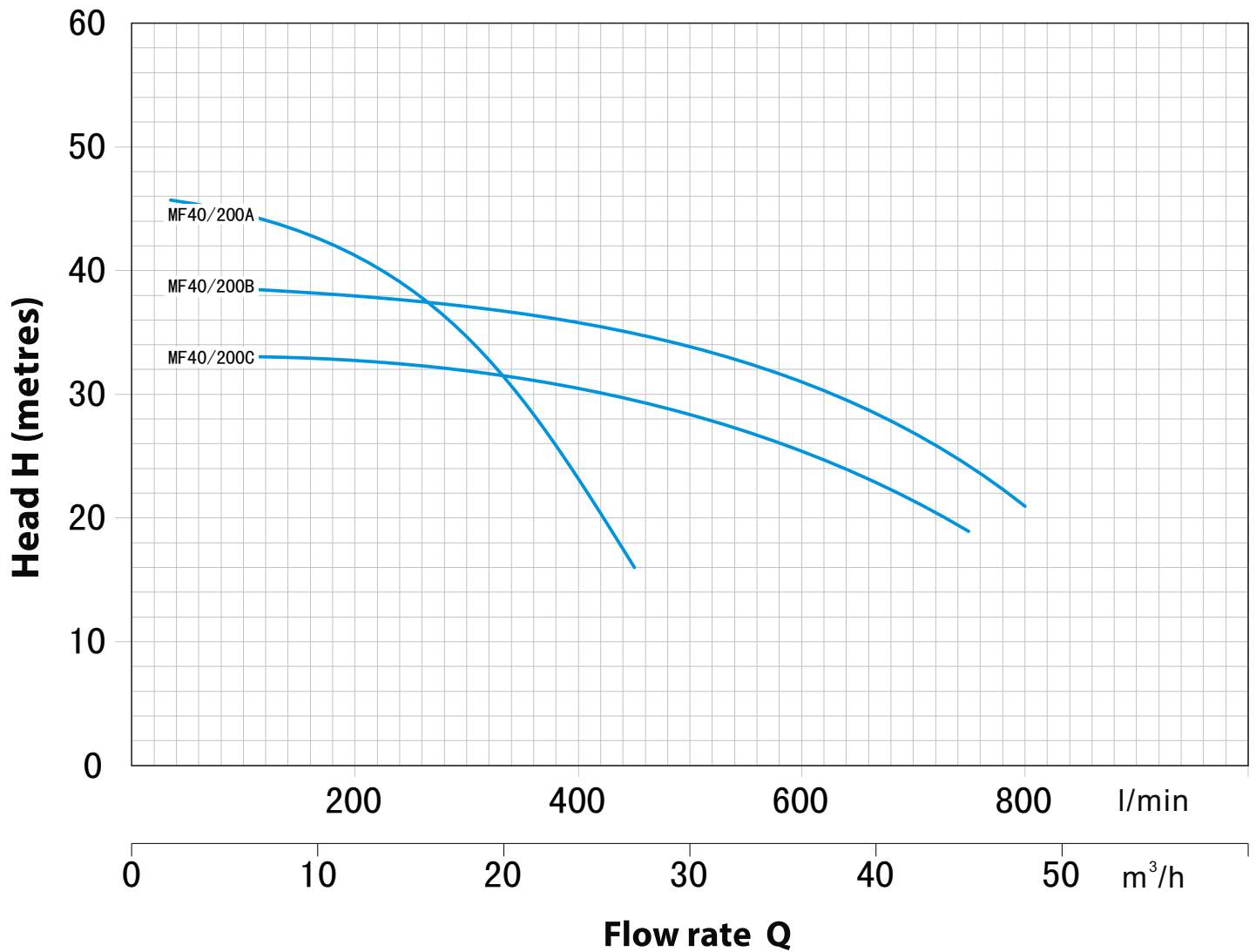
50 Hz n=2850 rpm Hs=0 m



Model		Power		Q	Flow rate																		
Single-phase	Three-phase	KW	HP		m³/h	0	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48		
				l/min	0	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800			
MFm32/160C	MF32/160C	1.5	2	H m	25	24	23	21	19	16	13												
MFm32/160B	MF32/160B	2.2	3.0		31	30	29	28	26	23.5	20	16											
-	MF32/160A	3	4.0		38	37	36	34	32	30	27.5	24	20										
-	MF32/200C	4	5.5		40.6	40	39	38	36	34	30	25	18										
-	MF32/200B	5.5	7.5		46	45	44.5	42	39	35	30	23	16										
-	MF32/200A	7.5	10		55	54	53	51	49	46	42	35	26	12									

CHARACTERISTIC CURVES AND PERFORMANCE DATA

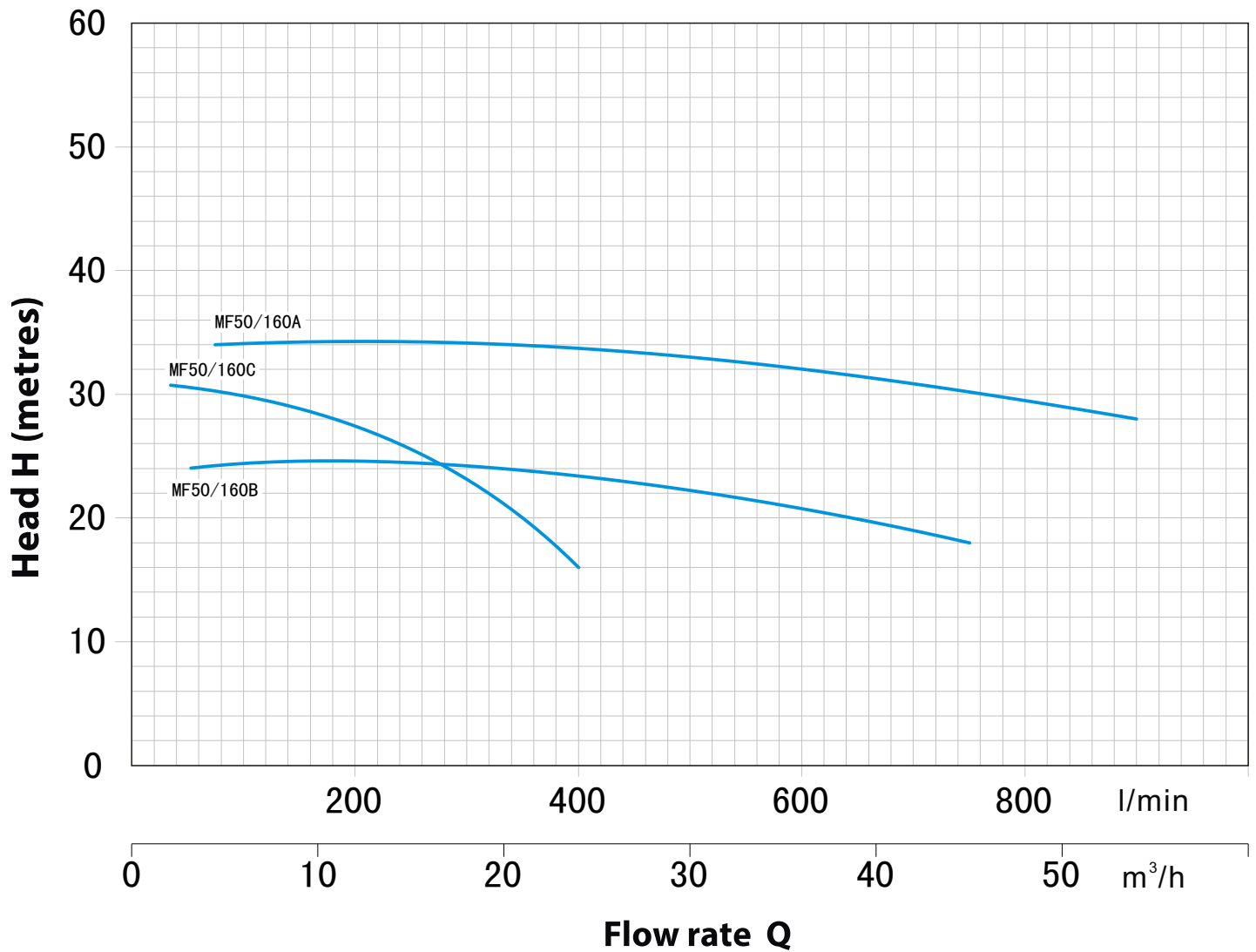
50 Hz n=2850 rpm Hs=0 m



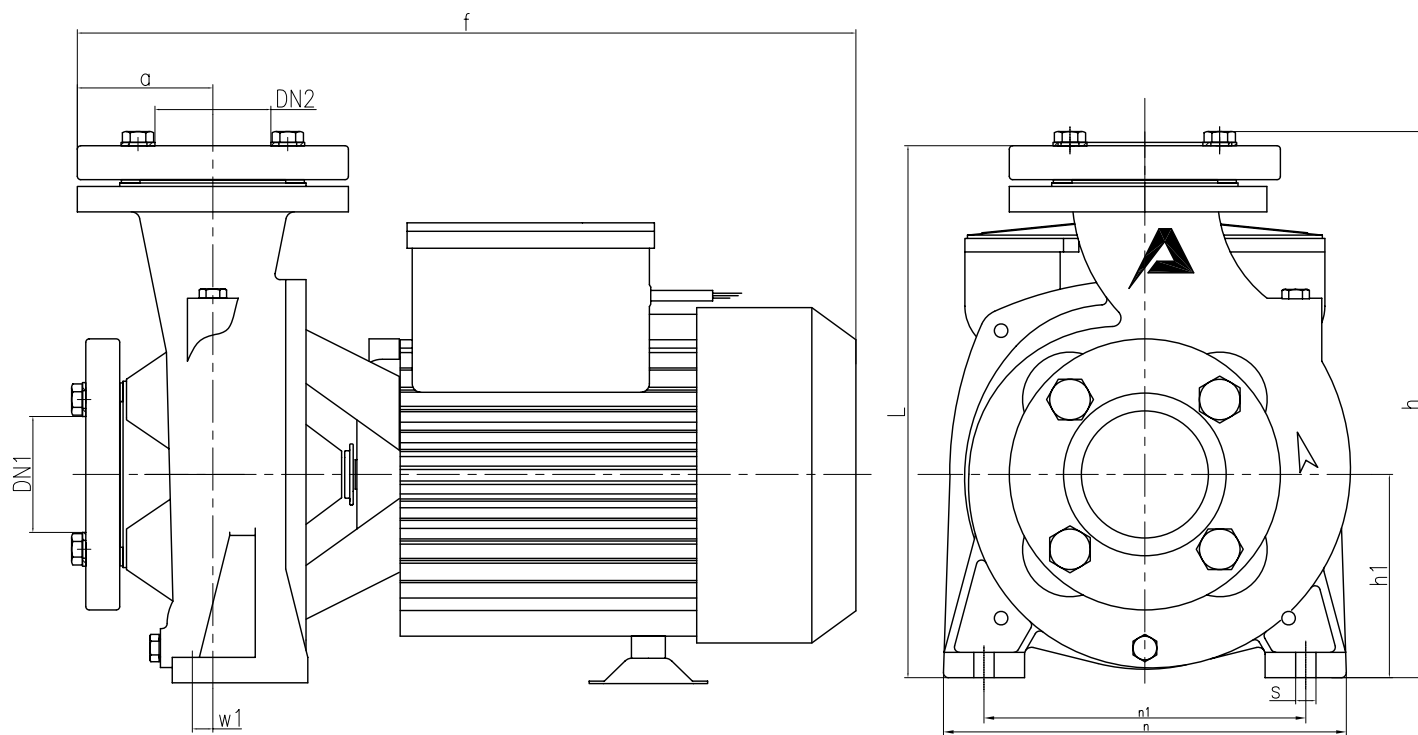
Model		Power		Q	m³/h	0	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	
Single-phase	Three-phase	KW	HP		l/min	0	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	
-	MF40/200C	4	5.5	H m	33	33	33	32.5	32.5	32	31.5	31	30	29	28	26	24	22	18			
-	MF40/200B	5.5	7.5		39	38.5	38.2	38	37.8	37.5	36.5	36	35	34	32.5	31	29	27	24	21		
-	MF40/200A	7.5	10		45	45	44.8	44.5	44.2	44	43.5	43	42	41	39.5	38	36	34	31	29		

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2850 rpm Hs=0 m



Model		Power		Q	Flow rate Q																		
Single-phase	Three-phase	KW	HP		m³/h	0	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48		
-	MF50/160C	4	5.5	H m	l/min	0	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800		
-	MF50/160B	5.5	7.5		24	24	24	23.8	23.7	23.5	23.3	23	22.5	22	21.5	21	20	19	18				
-	MF50/160A	7.5	10		30	30	30	30	29.8	29.5	29.3	29.2	28.9	28.7	27.8	27	26	25.5	24	23			
-	MF50/160A	7.5	10		34	34	34	34	34	34	33.9	33.8	33.7	33.6	33.5	33	32	31.5	31	30.5	29.5		



Model		Openings		Dimensions(mm)								
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	n	n1	w1	w2	s
MFm32/160C	MF32/160C	2"	1 1/4"	80	449	322	132	242	190	35	35	14
MFM32/160B	MF32/160B	2"	1 1/4"	80	449	322	132	242	190	35	35	14
-	MF32/160A	2"	1 1/4"	80	449	322	132	242	190	35	35	14
-	MF32/200C	2"	1 1/4"	112	586	371	160	240	190	35	35	14
-	MF32/200B	2"	1 1/4"	112	586	371	160	240	190	35	35	14
-	MF32/200A	2"	1 1/4"	112	586	371	160	240	190	35	35	14
-	MF40/200C	2 1/2"	1 1/2"	135	609	374	160	265	212	35	35	14
-	MF40/200B	2 1/2"	1 1/2"	135	609	374	160	265	212	35	35	14
-	MF40/200A	2 1/2"	1 1/2"	135	609	374	160	265	212	35	35	14
-	MF50/160C	2 1/2"	1 1/2"	135	554	374	160	265	212	35	35	14
-	MF50/160B	2 1/2"	1 1/2"	135	554	374	160	265	212	35	35	14
-	MF50/160A	2 1/2"	1 1/2"	135	554	374	160	265	212	35	35	14

Model	Piece	GW(kg)	NW(kg)	Volume(m ³)	L(cm)	W(cm)	H(cm)
MF32/200C	1	72.62	66.42	0.113	68.0	37.0	45.0
MF32/200B	1	77.7	71.5	0.113	68.0	37.0	45.0
MF32/200A	1	81.7	75.5	0.113	68.0	37.0	45.0
MF40/200C	1	81.7	72	0.113	68.0	37.0	45.0
MF40/200B	1	86.9	77.2	0.113	68.0	37.0	45.0
MF40/200A	1	89.9	80.2	0.113	68.0	37.0	45.0
MF50/160C	1	82.3	72.6	0.100	66.0	34.0	44.5
MF50/160B	1	82.9	73.2	0.100	66.0	34.0	44.5
MF50/160A	1	87.8	78.1	0.100	66.0	34.0	44.5
MF32/160B	1	87.8	78.1	0.100	66.0	34.0	44.5

POS. COMPONENT

ADVANTAGE

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Rotor with shaft
(stainless steel shaft)

• Powerful motor system

- a. To ensure the high power and lowest temperature rise
- b. Using thermal protection device to protect the motor
- c. Big flow and long using-life
- d. Wide voltage rang design motor can be used under 170 - 250 V

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Z4 class bearing

• Low noise system

- a. Using Z4 class bearing to ensure lowest noise
- b. To ensure long using-life

