

Servomotor, Drive and Cables

HF 200 Series Motor Specifications

Model Number HF_-A74N / -A51 / -A48		HF75	HF105	HF54	HF104	HF154	HF224	HF204	HF354
Compatible Servo Drive Unit Type:	MDS-D2-V1-	20	20	40	40	80	80	80	160
	MDS-D2-V2-	2020 4020 (M)	2020 4020 (M)	4020 (L) 4040 8040 (M)	4020 (L) 4040 8040 (M)	8040 (L) 8080 16080 (M)	8040 (L) 8080 16080 (M)	8040 (L) 8080 16080 (M)	16080 (L) 160160 160160W
	MDS-D2-V3-	202020 (L,M,S) 404040 (L,M,S)	202020 (L,M,S) 404040 (L,M,S)	404040 (L,M,S)	404040 (L,M,S)	-	404040 (L,M,S)	-	-
Continuous Characteristics	Rated Output (kW)	0.75	1.0	0.5	1.0	1.5	2.2	2.0	3.5
	Rated Current (A)	2.8	3.6	1.8	3.6	5.8	8.5	6.8	13.8
	Rated Torque (N·m)	1.8	2.4	1.6	3.2	4.8	7.0	6.4	11.1
	Stall Current (A)	3.2	4.6	3.2	6.6	11.0	14.5	14.6	22.0
	Stall Torque (N·m)	2.0	3.0	2.9	5.9	9.0	12.0	13.7	22.5
Power Facility Capacity (kVA)	1.5	2.0	1.1	2.0	2.8	4.1	3.7	6.4	
Rated Rotation Speed (r/min)	4000			3000					
Maximum Rotation Speed (r/min)	5000			4000					
Maximum Current (A)	14.0	15.5	16.8	29.0	52.0	57.0	57.0	116.0	
Maximum Torque (N·m)	8.0	11.0	13.0	23.3	42.0	46.5	47.0	90.0	
Power Rate at Continuous Rated Torque (kW/s)	12.3	11.2	4.1	8.4	12.7	20.7	10.6	16.5	
Motor Inertia (kg·cm ²)	2.6	5.1	6.1	11.9	17.8	23.7	38.3	75.0	
Motor Inertia With Brake (kg·cm ²)	2.8	5.3	8.3	14.1	20.0	25.9	48.0	84.7	
Maximum Motor Shaft Conversion Load Inertia Ratio	High-speed, high-accuracy machine: 3 times or less of motor inertia General machine tool (interpolation axis): 5 times or less of motor inertia General machine (non-interpolation axis): 7 times or less of motor inertia								
Motor Side Detector	Resolution per motor revolution; A74N: 16,000,000 pulse/rev, A51: 1,000,000 pulse/rev, A48: 260,000 pulse/rev								
Structure	IP67 (The shaft-through portion is excluded)								
Environment	Ambient Temperature	Operation: 0 to 40°C (with no freezing), Storage: -15°C to 70°C (with no freezing)							
	Ambient Humidity	Operation: 80%RH or less (with no dew condensation), Storage: 90%RH or less (with no dew condensation)							
	Atmosphere	Indoors (no direct sunlight); no corrosive gas, inflammable gas, oil mist, or dust							
	Altitude	Operation: 1000 meters or less above sea level, Storage: 10000 meters or less above sea level							
	Vibration	X, Y:24.5m/s ² (2.5G)						X:24.5m/s ² (2.5G) Y:29.4m/s ² (3G)	
Flange Size (mm)	90 SQ.			130 SQ.			176 SQ.		
Total Length (Excluding Shaft) (mm) (*2)	126.5	162.5	118.5	140.5	162.5	184.5	143.5	183.5	
Flange Fitting Diameter (mm)	ø80			ø110			ø114.3		
Shaft Diameter (mm)	ø14			ø24			ø35		
Weight Without / With Brake (kg)	2.5/3.9	4.3/5.7	4.8/6.8	6.5/8.5	8.3/10.3	10.0/12.0	12.0/18.0	19.0/25.0	
Heat-Resistant Class	155 (F)								

Notes:

1. The above characteristics values are representative values. The maximum current and maximum torque are the values when combined with the drive unit.
2. The total length will be 3.5mm longer when using an A51 or A74N detector.
3. Only the combination designated in this manual can be used for the motor and drive unit. Always use the designated combination.

HF 200 Series Motor Specifications

Model Number HF_-A74N / HF_-A51 / HF_-A48		HF123	HF223	HF303	HF453	HF703	HF903	HF142	HF302
Compatible Servo Drive Unit Type:	MDS-D2-V1-	20	20	80	160	160W	320	20	40
	MDS-D2-V2-	2020 4020 (M)	4020 (L) 4040 8040 (M)	8040 (L) 8080 16080 (M)	16080 (L) 160160 160160W	160160W	-	2020 4020 (M)	4020 (L) 4040 8040 (M)
	MDS-D2-V3-	202020 (L,M,S) 404040 (L,M,S)	404040 (L,M,S)	-	-	-	-	-	202020 (L,M,S) 404040 (L,M,S)
Continuous Characteristics	Rated Output (kW)	1.2	2.2 (2.1)	3.0	4.5	7.0	9.0	1.4	3.0 (2.2)
	Rated Current (A)	5.2	9.0 (8.5)	10.7	13.4	16.6	27.2	3.9	10.9 (8.5)
	Rated Torque (N·m)	5.7	10.5 (10.0)	14.3	14.3	22.3	28.7	6.7	14.3 (10.6)
	Stall Current (A)	6.4	10.2 (8.5)	15.8	28.0	36.4	56.0	6.4	10.9 (8.5)
	Stall Torque (N·m)	7.0	12.0 (10.0)	22.5	37.2	49.0	58.8	11.0	20.0 (15.6)
Power Facility Capacity (kVA)	2.3	4.1 (3.9)	5.5	8.1	12.5	16.1	2.7	5.5 (4.1)	
Rated Rotation Speed (r/min)	2000				3000			2000	
Maximum Rotation Speed (r/min)	3000				3500			3000	
Maximum Current (A)	15.5	29.0	48.0	104.2	108.4	204.0	15.5	29.0	
Maximum Torque (N·m)	17.0	32.0	64.0	122.0	152.0	208.0	26.5	50.0	
Power Rate at Continuous Rated Torque (kW/s)	27.3	46.5	27.3	18.3	32.2	42.1	25.2	27.3	
Motor Inertia (kg·cm ²)	11.9	23.7	75.0	112.0	154.0	196.0	17.8	75.0	
Motor Inertia With Brake (kg·cm ²)	14.1	25.9	84.7	121.7	163.7	205.7	20.0	84.7	
Maximum Motor Shaft Conversion Load Inertia Ratio	High-speed, high-accuracy machine: 3 times or less of motor inertia General machine tool (interpolation axis): 5 times or less of motor inertia General machine (non-interpolation axis): 7 times or less of motor inertia								
Motor Side Detector	Resolution per motor revolution; A74N: 16,000,000 pulse/rev, A51: 1,000,000 pulse/rev, A48: 260,000 pulse/rev								
Structure	IP67 (The shaft-through portion is excluded)								
Environment	Ambient Temperature	Operation: 0 to 40°C (with no freezing), Storage: -15°C to 70°C (with no freezing)							
	Ambient Humidity	Operation: 80%RH or less (with no dew condensation), Storage: 90%RH or less (with no dew condensation)							
	Atmosphere	Indoors (no direct sunlight); no corrosive gas, inflammable gas, oil mist, or dust							
	Altitude	Operation: 1000 meters or less above sea level, Storage: 10000 meters or less above sea level							
	Vibration	X, Y: 24.5m/s ² (2.5G)	X: 24.5m/s ² (2.5G) Y: 29.4m/s ² (3G)				X, Y: 9.8m/s ² (1G)	X, Y: 24.5m/s ² (2.5G)	X: 24.5m/s ² (2.5G) Y: 29.4m/s ² (3G)
Flange Size (mm)	130 SQ.			176 SQ.			204 SQ.	130 SQ.	176 SQ.
Total Length (Excluding Shaft) (mm) (*2)	140.5	184.5	183.5	223.5	263.5	330	162.5	183.5	
Flange Fitting Diameter (mm)	ø110			ø114.3			ø180	ø110	ø114.3
Shaft Diameter (mm)	ø24			ø35			ø42	ø24	ø35
Weight Without / With Brake (kg)	6.5/8.5	0.0/12.0	19.0/25.0	26.0/32.0	32.0/38.0	45.0/51.0	8.3/10.3	19.0/25.0	
Heat-Resistant Class	155 (F)								

Notes:

- The above characteristics values are representative values. The maximum current and maximum torque are the values when combined with the drive unit.
- The total length will be 3.5mm longer when using an A51 or A74N detector.
- Only the combination designated in this manual can be used for the motor and drive unit. Always use the designated combination.
- The values in the parentheses are specifications when connecting with the M/S-axis of the MDS-D2-V3-404040.

HF Series Servomotor Selection

Description	Model Number	Stocked Item	Notes
Servomotor With Brake 5.9NM STALL 4KRPM 1MPPR	HF104BS-A51	S	Use MDS-D2-V_-40 drive unit
Servomotor 5.9NM STALL 4KRPM 1MPPR	HF104S-A51	S	
Servomotor With Brake 3NM STALL 5KRPM 1MPPR	HF105BS-A51	S	Use MDS-D2-V_-20 drive unit
Servomotor 3NM STALL 5KRPM 1MPPR	HF105S-A51	S	
Servomotor With Brake 5.7NM STALL 3KRPM 1MPPR	HF123BS-A51	-	
Servomotor 5.7NM STALL 3KRPM 1MPPR	HF123S-A51	-	
Servomotor With Brake 6.7NM STALL 2KRPM 1MPPR	HF142BS-A51	-	Use MDS-D2-V_-80 drive unit
Servomotor 6.7NM STALL 2KRPM 1MPPR	HF142S-A51	-	
Servomotor With Brake 9NM STALL 4KRPM 1MPPR	HF154BS-A51	S	Use MDS-D2-V_-80 drive unit
Servomotor 9NM STALL 4KRPM 1MPPR	HF154S-A51	S	
Servomotor With Brake 13.7NM STALL 4KRPM 1MPPR	HF204BS-A51	S	
Servomotor 13.7NM STALL 4KRPM 1MPPR	HF204S-A51	S	
Servomotor With Brake 10.5NM STALL 3KRPM 1MPPR	HF223BS-A51	-	Use MDS-D2-V_-40 drive unit
Servomotor 10.5NM STALL 3KRPM 1MPPR	HF223S-A51	-	
Servomotor With Brake 7NM STALL 4KRPM 1MPPR	HF224BS-A51	-	Use MDS-D2-V_-80 drive unit
Servomotor 7NM STALL 4KRPM 1MPPR	HF224S-A51	-	
Servomotor With Brake 14.3NM STALL 2KRPM 1MPPR	HF302BS-A51	-	Use MDS-D2-V_-40 drive unit
Servomotor 14.3NM STALL 2KRPM 1MPPR	HF302S-A51	-	
Servomotor With Brake 14.3NM STALL 3KRPM 1MPPR	HF303BS-A51	-	Use MDS-D2-V_-80 drive unit
Servomotor 14.3NM STALL 3KRPM 1MPPR	HF303S-A51	-	
Servomotor With Brake 22.5NM STALL 4KRPM 1MPPR	HF354BS-A51	S	Use MDS-D2-V_-160 drive unit
Servomotor 22.5NM STALL 4KRPM 1MPPR	HF354S-A51	S	
Servomotor With Brake 37.2NM STALL 3.5KRPM 1MPPR	HF453BS-A51	S	
Servomotor 37.2NM STALL 4KRPM 1MPPR	HF453S-A51	S	
Servomotor With Brake 2.9NM STALL 4KRPM 1MPPR	HF54BS-A51	S	Use MDS-D2-V_-40 drive unit
Servomotor 2.9NM STALL 4KRPM 1MPPR	HF54S-A51	S	
Servomotor With Brake 49NM STALL 3KRPM 1MPPR	HF703BS-A51	-	Use MDS-D2-V_-160W drive unit
Servomotor 49NM STALL 3KRPM 1MPPR	HF703S-A51	S	
Servomotor With Brake 2NM STALL 5KRPM 1MPPR	HF75BS-A51	S	Use MDS-D-V_-20 drive unit
Servomotor 2NM STALL 5KRPM 1MPPR	HF75S-A51	S	
Servomotor With Brake 58.8NM STALL 3KRPM 1MPPR	HF903BS-A51	-	Use MDS-D2-V_-320 drive unit
Servomotor 58.8NM STALL 3KRPM 1MPPR	HF903S-A51	-	
Servomotor With Brake 5.9NM STALL 4KRPM 260KPPR	HF104BS-A48	S	Use MDS-D2-V_-40 drive unit
Servomotor 5.9NM STALL 4KRPM 260KPPR	HF104S-A48	S	
Servomotor With Brake 3NM STALL 5KRPM 260KPPR	HF105BS-A48	S	Use MDS-D2-V_-20 drive unit
Servomotor 3NM STALL 5KRPM 260KPPR	HF105S-A48	S	
Servomotor With Brake 5.7NM STALL 3KRPM 260KPPR	HF123BS-A48	-	
Servomotor 5.7NM STALL 3KRPM 260KPPR	HF123S-A48	-	
Servomotor With Brake 6.7NM STALL 2KRPM 260KPPR	HF142BS-A48	-	Use MDS-D2-V_-80 drive unit
Servomotor 6.7NM STALL 2KRPM 260KPPR	HF142S-A48	-	
Servomotor With Brake 9NM STALL 4KRPM 260KPPR	HF154BS-A48	S	Use MDS-D2-V_-80 drive unit
Servomotor 9NM STALL 4KRPM 260KPPR	HF154S-A48	S	
Servomotor With Brake 13.7NM STALL 4KRPM 260KPPR	HF204BS-A48	S	
Servomotor 13.7NM STALL 4KRPM 260KPPR	HF204S-A48	S	
Servomotor With Brake 10.5NM STALL 3KRPM 260KPPR	HF223BS-A48	-	Use MDS-D2-V_-40 drive unit
Servomotor 10.5NM STALL 3KRPM 260KPPR	HF223S-A48	-	
Servomotor With Brake 7NM STALL 4KRPM 260KPPR	HF224BS-A48	-	Use MDS-D2-V_-80 drive unit
Servomotor 7NM STALL 4KRPM 260KPPR	HF224S-A48	-	
Servomotor With Brake 14.3NM STALL 2KRPM 260KPPR	HF302BS-A48	-	Use MDS-D2-V_-40 drive unit
Servomotor 14.3NM STALL 2KRPM 260KPPR	HF302S-A48	-	
Servomotor With Brake 14.3NM STALL 3KRPM 260KPPR	HF303BS-A48	-	Use MDS-D2-V_-80 drive unit
Servomotor 14.3NM STALL 3KRPM 260KPPR	HF303S-A48	-	
Servomotor With Brake 22.5NM STALL 4KRPM 260KPPR	HF354BS-A48	S	Use MDS-D2-V_-160 drive unit
Servomotor 22.5NM STALL 4KRPM 260KPPR	HF354S-A48	S	
Servomotor With Brake 37.2NM STALL 3.5KRPM 260KPPR	HF453BS-A48	S	
Servomotor 37.2NM STALL 4KRPM 260KPPR	HF453S-A48	S	
Servomotor With Brake 2.9NM STALL 4KRPM 260KPPR	HF54BS-A48	S	Use MDS-D2-V_-40 drive unit
Servomotor 2.9NM STALL 4KRPM 260KPPR	HF54S-A48	S	
Servomotor With Brake 49NM STALL 3KRPM 260KPPR	HF703BS-A48	-	Use MDS-D2-V_-160W drive unit
Servomotor 49NM STALL 3KRPM 260KPPR	HF703S-A48	S	
Servomotor With Brake 2NM STALL 5KRPM 260KPPR	HF75BS-A48	S	Use MDS-D2-V_-20 drive unit
Servomotor 2NM STALL 5KRPM 260KPPR	HF75S-A48	S	
Servomotor With Brake 58.8NM STALL 3KRPM 260KPPR	HF903BS-A48	-	Use MDS-D2-V_-320 drive unit
Servomotor 58.8NM STALL 3KRPM 260KPPR	HF903S-A48	-	

HF-H 400 Series Motor Specifications

Model Number	HF-H_-A74N/HF-H_-A51/HF-H_-A48	HF-H75	HF-H105	HF-H54	HF-H104	HF-H154
Compatible Servo Drive Unit Type:	MDS-DH2-V1-	10	10	20	20	40
	MDS-DH2-V2-	1010 2010 (M)	1010 2010 (M)	2010 (L) 2020 4020 (M)	2010 (L) 2020 4020 (M)	4020 (L) 4040 8040 (M)
Continuous Characteristics	Rated Output (kW)	0.75	1.0	0.5	1.0	1.5
	Rated Current (A)	1.4	1.8	0.9	1.8	2.9
	Rated Torque (N-m)	1.8	2.4	1.6	3.2	4.8
	Stall Current (A)	1.6	2.3	1.6	3.3	5.5
	Stall Torque (N-m)	2.0	3.0	2.9	5.9	9.0
Power Facility Capacity (kVA)	1.5	2.0	1.1	2.0	2.8	
Rated Rotation Speed (r/min)	4000			3000		
Maximum Rotation Speed (r/min)	5000			4000		
Maximum Current (A)	7.0	7.75	8.4	14.5	26.0	
Maximum Torque (N-m)	8.0	11.0	13.0	23.3	42.0	
Power Rate at Continuous Rated Torque (kW/s)	12.3	11.2	4.1	8.4	12.7	
Motor Inertia (kg·cm ²)	2.6	5.1	6.1	11.9	17.8	
Motor Inertia With Brake (kg·cm ²)	2.8	5.3	8.3	14.1	20.0	
Maximum Motor Shaft Conversion Load Inertia Ratio	High-speed, high-accuracy machine: 3 times or less of motor inertia General machine tool (interpolation axis): 5 times or less of motor inertia General machine (non-interpolation axis): 7 times or less of motor inertia					
Motor Side Detector	Resolution per motor revolution; A74N: 16,000,000 pulse/rev, A51: 1,000,000 pulse/rev, A48: 260,000 pulse/rev					
Structure	IP67 (The shaft-through portion is excluded)					
Environment	Ambient Temperature	Operation: 0 to 40°C (with no freezing), Storage: -15°C to 70°C (with no freezing)				
	Ambient Humidity	Operation: 80%RH or less (with no dew condensation), Storage: 90%RH or less (with no dew condensation)				
	Atmosphere	Indoors (no direct sunlight); no corrosive gas, inflammable gas, oil mist, or dust				
	Altitude	Operation: 1000 meters or less above sea level, Storage: 10000 meters or less above sea level				
Vibration	X, Y: 24.5m/s ² (2.5G)					
Flange Size (mm)	90 SQ.	90 SQ.	130 SQ.	130 SQ.	130 SQ.	
Total Length (Excluding Shaft) (mm) (*2)	126.5	162.5	118.5	140.5	162.5	
Flange Fitting Diameter (mm)	ø80	ø80	ø110	ø110	ø110	
Shaft Diameter (mm)	ø14	ø14	ø24	ø24	ø24	
Weight Without / With Brake (kg)	2.5/3.9	4.3/5.7	4.8/6.8	6.5/8.5	8.3/10.3	
Heat-Resistant Class	155 (F)					

Notes:

- The above characteristics values are representative values. The maximum current and maximum torque are the values when combined with the drive unit.
- The total length will be 3.5mm longer when using an A51 or A74N detector.
- Only the combination designated in this manual can be used for the motor and drive unit. Always use the designated combination.

HF-H 400 Series Motor Specifications

Model Number	HF-H_A74N / HF-H_A51 / HF-H_A48	HF-H204	HF-H354	HF-H453	HF-H703	HF-H903
Compatible Servo Drive Unit Type:	MDS-DH2-V1-	40	80	80	80W	160
	MDS-DH2-V2-	4020 (L) 4040 8040 (M)	8040 (L) 8080 8080W	8040 (L) 8080 8080W	8080W	-
Continuous Characteristics	Rated Output (kW)	2.0	3.5	4.5	7.0	9.0
	Rated Current (A)	3.4	6.9	6.7	8.3	13.6
	Rated Torque (N-m)	6.4	11.1	14.3	22.3	28.7
	Stall Current (A)	7.3	14.0	17.0	18.2	28.0
	Stall Torque (N-m)	13.7	22.5	37.2	49.0	58.8
Power Facility Capacity (kVA)	3.7	6.4	8.1	12.5	16.1	
Rated Rotation Speed (r/min)	3000					
Maximum Rotation Speed (r/min)	4000			3500	3000	
Maximum Current (A)	28.5	58.0	52.1	54.2	102.0	
Maximum Torque (N-m)	47.0	90.0	122.0	152.0	208.0	
Power Rate at Continuous Rated Torque (kW/s)	10.6	16.5	18.3	32.2	42.1	
Motor Inertia (kg-cm ²)	38.3	75.0	112.0	154.0	196.0	
Motor Inertia With Brake (kg-cm ²)	48.0	84.7	121.7	163.7	205.7	
Maximum Motor Shaft Conversion Load Inertia Ratio	High-speed, high-accuracy machine: 3 times or less of motor inertia General machine tool (interpolation axis): 5 times or less of motor inertia General machine (non-interpolation axis): 7 times or less of motor inertia					
Motor Side Detector	Resolution per motor revolution; A74N: 16,000,000 pulse/rev, A51: 1,000,000 pulse/rev, A48: 260,000 pulse/rev					
Structure	IP67 (The shaft-through portion is excluded)					
Environment	Ambient Temperature	Operation: 0 to 40°C (with no freezing), Storage: -15°C to 70°C (with no freezing)				
	Ambient Humidity	Operation: 80%RH or less (with no dew condensation), Storage: 90%RH or less (with no dew condensation)				
	Atmosphere	Indoors (no direct sunlight); no corrosive gas, inflammable gas, oil mist, or dust				
	Altitude	Operation: 1000 meters or less above sea level, Storage: 10000 meters or less above sea level				
Vibration	X:24.5m/s ² (2.5G) Y:29.4m/s ² (3G)					X,Y:9.8m/s ² (1G)
Flange Size (mm)	176 SQ.					204 SQ.
Total Length (Excluding Shaft) (mm) (*2)	143.5	183.5	223.5	263.5	330	
Flange Fitting Diameter (mm)	ø114.3					
Shaft Diameter (mm)	ø35					
Weight Without / With Brake (kg)	12.0/18.0	19.0/25.0	26.0/32.0	32.0/38.0	45.0/51.0	
Heat-Resistant Class	155 (F)					

Notes:

- The above characteristics values are representative values. The maximum current and maximum torque are the values when combined with the drive unit.
- The total length will be 3.5mm longer when using an A51 or A74N detector.
- Only the combination designated in this manual can be used for the motor and drive unit. Always use the designated combination.

HF-H Series Servomotor Selection

Description	Model Number	Stocked Item	Notes
Servomotor With Brake 5.9NM STALL 4KRPM 1MPPR	HF-H104BS-A51	-	
Servomotor 5.9NM STALL 4KRPM 1MPPR	HF-H104S-A51	-	Use MDS-DH2-V_-20 drive unit
Servomotor With Brake 3NM STALL 5KRPM 1MPPR	HF-H105BS-A51	-	
Servomotor 3NM STALL 5KRPM 1MPPR	HF-H105S-A51	-	Use MDS-DH2-V_-10 drive unit
Servomotor With Brake 9NM STALL 4KRPM 1MPPR	HF-H154BS-A51	-	
Servomotor 9NM STALL 4KRPM 1MPPR	HF-H154S-A51	-	Use MDS-DH2-V_-40 drive unit
Servomotor With Brake 13.7NM STALL 4KRPM 1MPPR	HF-H204BS-A51	-	
Servomotor 13.7NM STALL 4KRPM 1MPPR	HF-H204S-A51	-	
Servomotor With Brake 22.5NM STALL 4KRPM 1MPPR	HF-H354BS-A51	-	
Servomotor 22.5NM STALL 4KRPM 1MPPR	HF-H354S-A51	-	Use MDS-DH2-V_-80 drive unit
Servomotor With Brake 37.2NM STALL 3.5KRPM 1MPPR	HF-H453BS-A51	-	
Servomotor 37.2NM STALL 3KRPM 1MPPR	HF-H453S-A51	-	
Servomotor With Brake 2.9NM STALL 4KRPM 1MPPR	HF-H54BS-A51	-	
Servomotor 2.9NM STALL 4KRPM 1MPPR	HF-H54S-A51	-	Use MDS-DH2-V_-20 drive unit
Servomotor With Brake 49NM STALL 3KRPM 1MPPR	HF-H703BS-A51	-	
Servomotor 49NM STALL 3KRPM 1MPPR	HF-H703S-A51	-	Use MDS-DH2-V_-80W drive unit
Servomotor With Brake 2NM STALL 5KRPM 1MPPR	HF-H75BS-A51	-	
Servomotor 2NM STALL 5KRPM 1MPPR	HF-H75S-A51	-	Use MDS-DH2-V_-10 drive unit
Servomotor With Brake 58.8NM STALL 3KRPM 1MPPR	HF-H903BS-A51	-	
Servomotor 58.8NM STALL 3KRPM 1MPPR	HF-H903S-A51	-	Use MDS-DH2-V_-160 drive unit

HF-H Series Servomotor Selection

Description	Model Number	Stocked Item	Notes
Servomotor With Brake 5.9NM STALL 4KRPM 260KPPR	HF-H104BS-A48	-	Use MDS-DH2-V_-20 drive unit
Servomotor 5.9NM STALL 4KRPM 260KPPR	HF-H104S-A48	-	
Servomotor With Brake 3NM STALL 5KRPM 260KPPR	HF-H105BS-A48	-	Use MDS-DH2-V_-10 drive unit
Servomotor 3NM STALL 5KRPM 260KPPR	HF-H105S-A48	-	
Servomotor With Brake 9NM STALL 4KRPM 260KPPR	HF-H154BS-A48	-	Use MDS-DH2-V_-40 drive unit
Servomotor 9NM STALL 4KRPM 260KPPR	HF-H154S-A48	-	
Servomotor With Brake 13.7NM STALL 4KRPM 260KPPR	HF-H204BS-A48	-	
Servomotor 13.7NM STALL 4KRPM 260KPPR	HF-H204S-A48	-	
Servomotor With Brake 22.5NM STALL 4KRPM 260KPPR	HF-H354BS-A48	-	Use MDS-DH2-V_-80 drive unit
Servomotor 22.5NM STALL 4KRPM 260KPPR	HF-H354S-A48	-	
Servomotor With Brake 37.2NM STALL 3.5KRPM 260KPPR	HF-H453BS-A48	-	
Servomotor 37.2NM STALL 3KRPM 260KPPR	HF-H453S-A48	-	
Servomotor With Brake 2.9NM STALL 4KRPM 260KPPR	HF-H54BS-A48	-	Use MDS-DH2-V_-20 drive unit
Servomotor 2.9NM STALL 4KRPM 260KPPR	HF-H54S-A48	-	
Servomotor With Brake 49NM STALL 3KRPM 260KPPR	HF-H703BS-A48	-	Use MDS-DH2-V_-80W drive unit
Servomotor 49NM STALL 3KRPM 260KPPR	HF-H703S-A48	-	
Servomotor With Brake 2NM STALL 5KRPM 260KPPR	HF-H75BS-A48	-	Use MDS-DH2-V_-10 drive unit
Servomotor 2NM STALL 5KRPM 260KPPR	HF-H75S-A48	-	
Servomotor With Brake 58.8NM STALL 3KRPM 260KPPR	HF-H903BS-A48	-	Use MDS-DH2-V_-160 drive unit
Servomotor 58.8NM STALL 3KRPM 260KPPR	HF-H903S-A48	-	