

BS系列斜齿-蜗轮蜗杆减速机与无级变速机组合

Combinations of BS helical-worm gear units and infinite speed variator



型号与标识:

Type Designations:

注: 无级变速机输出速比为1:1.45至1:7.25, 下面所
附的传动比为由系列斜齿-蜗轮蜗杆减速机
Note:Output ratio of infinite speed variator is from
1:1.45 to 1:7.25, the following ratios are for
BR rigid tooth flank helical gear units.

MB 15-Y 0.55-4P-BS 38-13-M1-I-A					
无级变速机	规格				
电机代号	普通 (更新) Y (Y2)				
电机功率、极数	防爆 B				
减速机类型	制 动 E				
结构形式	多 速 F				
传动比	分 类 V				
安装形式	增 安 A				
电机接线盒位置	电 磁 调 速 C				
输出轴法兰方向	净 金 起 重 H				
	变频制 G				
	硬 齿 G				

MB 15-Y 0.55-4P-BS 38-13-M1-I-A					
Infinite speed variator	Size				
Motor code	Motor code				
Motor power, pole	Motor power, pole				
Gear units type	Gear units type				
Structure	Structure				
Ratio	Ratio				
Position of the motor thermal box	Position of the motor thermal box				
Position of output shaft or flange	Position of output shaft or flange				

规格:	Size:
(见选型参数表)	(see selection table)

电机代号:	Motor code:
普通 (更新) Y (Y2)	Ordinary (renew) Y (Y2)
防爆 B	Flame-proof B
制 动 E	Direct current Z
多 速 F	Brake E
分 类 V	Multi-speed D
增 安 A	Variable frequency F
电 磁 调 速 C	Power-divided V
净 金 起 重 H	Ampere-increased C
变频制 G	Electromagnetism speed modulation R
硬 齿 G	Hoisting in metallurgy R
	Variable frequency and brake VE
	Roller tables

电机功率、极数:	Motor power, pole:
(见选型参数表)	(see selection table)

减速机类型:	Gear units type:
斜齿-蜗轮蜗杆减速机	Helical-worm gear units

结构形式:	Stucture:
请参考BS系列的传动形式	please reference the structure of BS seriesH

规格:	Size:
(见选型参数表)	(see selection table)

传动比:	Ratio:
(见选型参数表)	(see selection table)

安装形式:	Mounting position:
M1、M2、M3、M4、M5、M6	M1、M2、M3、M4、M5、M6

电机接线盒位置:	Position of the motor thermal box:
I、II、III、IV	I、II、III、IV

输出轴或法兰方向:	Position of output shaft or flange:
从电机尾部看右边为 A	viewing on motor end (side)-A, right
从电机尾部看左边为 B (见安装形式)	side-B, both sides)-A+B(see mounting position)

注: 总传动比: (7.25-1.45) i

Note:Total ratio:(7.25-1.45)i

输出转速	输出扭矩	传动比	机 型 号	极 数
Output speed	Output torque	Ratio	Type	Pole
r/min	Nm	i	Type	P

0.18kW				
0.8-4.1	170	244.75		
1.0-5.1	170-163	197.75		
1.2-6.0	170-139	166.00		
1.3-6.7	170-124	150.00		
1.4-7.2	170-121	146.84	MB02BS 48 4	
1.5-7.3	170-113	137.25	MB02BSA 48 4	
1.7-8.4	166-83	100.80	MB02BSAF48 4	
2.2-11	149-74	90.00		
2.6-13	127-63	76.88		
2.8-14	119-59	72.00		
3.3-16	100-50	60.65		

0.25kW				
1.3-6.6	90	152.00		
1.5-7.7	90	129.41		
1.8-9.0	90	111.58		
1.9-9.6	90-86	104.00		
2.2-11	90-75	90.91		
2.3-12	90-72	85.22		
2.7-13	90-62	75.00		
3.0-15	90-55	65.45		
3.5-18	90-45	56.67		
3.8-19	90-70	52.00	MB02BS 48 4	
4.4-22	90-70	108.95	MB02BSF 48 4	
4.7-23	90-57	42.61	MB02BSA 48 4	
5.3-27	90-48	33.33	MB02BSAF48 4	
6.0-30	89-45	33.33		
7.1-35	76-38	28.33		
8.2-43	62-31	23.85		
11-53	58-29	18.85		
12-61	50-25	16.48		
14-68	47-24	15.45		
15-73	42-21	13.63		
17-83	37-18	12.07		
19-97	31-16	10.27		

0.55kW				
1.0-5.1	300-225	196.21		
1.1-5.5	300-207	180.40		
1.3-6.5	300-170	154.55	MB04BS 58 4	
1.5-7.5	300-153	137.79	MB04BSF 58 4	
1.6-8.0	287-143	125.05	MB04BSA 58 4	
1.8-9.3	246-124	108.09	MB04BSAF58 4	
2.2-11	210-105	91.84		
2.4-12	188-94	82.00		

0.75kW				
1.0-5.1	170	197.73		
1.2-6.0	170-163	166.00	MB04BS 48 4	
1.3-6.7	170	150.00	MB04BSF 48 4	
1.4-6.8	170-168	146.84	MB04BSA 48 4	
1.5-7.3	170-157	137.25	MB04BSAF48 4	
1.7-8.4	170-136	118.64		

注: 总传动比: (7.25-1.45) i

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Output speed	Output torque	Ratio	Type	Pole
r/min	Nm	i	Type	P

0.25kW				
0.8-4.1	170	244.75		
1.0-5.1	170-163	197.75		
1.2-6.0	170-139	166.00		
1.3-6.7	170-124	150.00		
1.4-7.2	170-121	146.84	MB02BS 48 4	
1.5-7.3	170-113	137.25	MB02BSA 48 4	
1.7-8.4	166-83	100.80	MB02BSAF48 4	
2.2-11	149-74	90.00		
2.6-13	127-63	76.88		
2.8-14	119-59	72.00		
3.3-16	100-50	60.65		

0.37kW				
1.3-6.6	90	152.00		
1.5-7.7	90	129.41		
1.8-9.0	90	111.58		
1.9-9.6	90-86	104.00		
2.2-11	90-75	90.91		
2.3-12	90-72	85.22		
2.7-13	90-62	75.00		
3.0-15	90-55	65.45		
3.5-18	90-45	56.67		
3.8-19	90-70	52.00	MB02BS 48 4	
4.4-22	90-70	108.95	MB02BSF 48 4	
4.7-23	90-57	42.61	MB02BSA 48 4	
5.3-27	90-48	33.33	MB02BSAF48 4	
6.0-30	89-45	33.33		
7.1-35	76-38	28.33		
8.2-43	62-31	23.85		
11-53	58-29	18.85		
12-61	50-25	16.48		
14-68	47-24	15.45		
15-73	42-21	13.63		
17-83	37-18	12.07		
19-97	31-16	10.27		

0.55kW				
1.0-5.1	300-225	196.21		
1.1-5.5	300-207	180.40		
1.3-6.5	300-170	154.55	MB04BS 58 4	
1.5-7.5	300-153	137.79	MB04BSF 58 4	
1.6-8.0	287-143	125.05	MB04BSA 58 4	
1.8-9.3	246-124	108.09	MB04BSAF58 4	
2.2-11	210-105	91.84		
2.4-12	188-94	82.00		

0.75kW				
1.0-5.1	170	197.73		
1.2-6.0	170-163	166.00	MB04BS 48 4	
1.3-6.7	170	150.00	MB04BSF 48 4	
1.4-6.8	170-168	146.84	MB04BSA 48 4	
1.5-7.3	170-157	137.25	MB04BSAF48 4	
1.7-8.4	170-136	118.64		

注: 总传动比: (7.25-1.45) i

Note:Total ratio:(7.25-1.45)i

输出转速	输出扭矩	传动比	机 型 号	极 数
Output speed	Output torque	Ratio	Type	Pole
r/min	Nm	i	Type	P

0.37kW				
3.0-15	90	66.67		
3.5-18	90	56.67		
3.8-19	90	52.00		
4.4-22	90-84	42.61		
4.7-23	90-69	33.33		
6.0-30	90-66	33.33	MB04BS 38 4	
7.1-35	90-56	28.33	MB07BSF 38 4	
8.2-43	90-43	23.85	MB07BSA 38 4	
11-53	85-43	18.85	MB07BSAF38 4	
12-61	75-33	16.48		
13-60	70-35	15.45		
15-73	62-31	13.63		
17-83	55-27	12.07		
19-97	46-23	10.27		

0.55kW				
0.8-4.1	1216-608	241.09	MB07BS 78 4	
1.0-4.9	1039-519	206.04	MB07BSF 78 4	
1.1-5.3	952-476	188.89	MB07BSAF78 4	

0.75kW				
0.9-4.4	520	227.20		
1.0-4.9	520-517	205.11		
1.1-5.5	520-458	180.46		
1.2-5.9	520-430	170.40		
1.4-6.3	520-363	144.00	MB07BS 68 4	
1.5-7.3	520-328	130.00	MB07BSF 68 4	
1.7-8.4	520-288	114.38	MB07BSA 68 4	
1.9-9.3	520-237	95.00	MB07BSAF68 4	
2.2-11	464-232	91.96		
2.4-12	421-211	83.57		
2.6-14	385-183	72.36		
3.1-15	382-191	65.00		

1.3-6.5	300	154.35		
1.5-7.5	300	133.79		
1.6-8.0	300	125.05		
1.8-9.3	300-273	91.84		
2.2-11	300-232	91.84		
2.4-12	300-207	108.09		
2.8-14	300-177	70.40		
3.0-15	300-197	66.89	MB07BS 58 4	
3.2-16	300-184	168.00	MB07BSF 58 4	
3.7-19	300-159	54.05	MB07BSA 58 4	
4.4-22	300-131	33.33	MB07BSAF58 4	
4.9-24	241-121	41.00		
5.7-29	206-103	35.02		
6.1-30	193-96	32.65		
6.6-33	203-101	30.12		
7.7-38	176-88	26.11		
8.2-41	164-82	24.60		
9.5-47	142-71	21.09		

2.6-13	170	76.88		
2.8-14	170	72.00		
3.0-19	170	66.65		
3.2-16	170-148	50.00	MB07BS 48 4	
4.4-22	170-129	16.85	MB07BSF 48 4	
5.2-26	170-113	38.44	MB07BSA 48 4	
6.6-33	170-106	33.60	MB07BSAF48 4	
7.2-36	170-93	27.71		
7.7-39	170-89	26.50		
8.9-45	151-75	22.44		

注: 总传动比: (7.25-1.45) i

Note:Total ratio:(7.25-1.45)i

输出转速	输出扭矩	传动比	机 型 号	极 数
Output speed	Output torque	Ratio	Type	Pole
r/min	Nm	i	Type	P

输出转速	输出扭矩	传动比	机 型 号	极 数
Output speed	Output torque	Ratio	Type	Pole
r/min	Nm	i	Type	P