KOLLMORGEN

Because Motion Matters™

Products For Underwater Applications

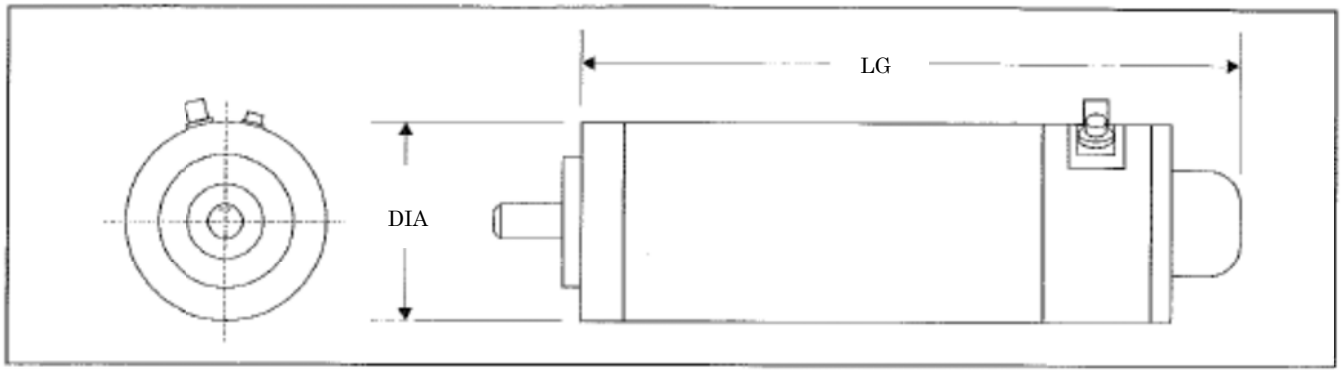
Kollmorgen 社　水中アプリケーション向け製品

Kollmorgen 社　Gold Line シリーズ　水中モータ

Kollmorgen Motion Technologies Group is ready to meet your needs for motion control systems designed specifically for underwater and submersible applications. Our Goldline submersible dc brushless motors feature stainless steel and Aluminum Nickel Bronze housings or an anodized Aluminum housing. All shafts are stainless steel and the shaft seal is externally serviceable. Otherwise, all joints are "o" ring sealed and the standard connectors used are by Sea Conn. These motors are pressure compensated to 20,000 feet and designed to withstand severe shock and extreme environments. Goldline submersible systems are fully tooled for volume production and are a cost effective solution to your motion control problem.

- 圧力バランス型構造により、水深 20,000 フィート(約 6,000m)まで動作
- ステンレスシャフト
- ステンレスハウジング（SUS316、もしくは SUS303）
- レゾルバフィードバック
- 水中アプリケーションで実績のある、SeaCon 社コネクターを採用

Submersible GOLDline Servo Systems



Model	Weight** lb [kg]	Dimensions inches [mm] DIA	LG	Cont. Current* Amps RMS	Peak Current* Amps RMS	Cont. Torque lb-ft [Nm]	Peak Torque lb-ft [Nm]	Speed Max RPM	Hp Cont*	kW Cont*	Recommended Drive Electronics Model	Input Current
S-102-A	14 [6]	3.24 [82]	8.8 [254]	5	7	1.24 [1.68]	1.78 [2.41]	5500	1	0.8	BDS4S-306H-6061	6/12
S-104-A	17 [8]	3.24 [82]	9.8 [279]	6	9	2.28 [3.09]	3.23 [4.38]	4100	1	1.1	BDS4S-306H-6061	6/12
S-104-B	17 [8]	3.24 [82]	9.8 [249]	9	13	2.32 [3.15]	3.28 [4.45]	5500	2	1.5	BDS4S-310H-6061	10/20
S-106-A	19 [9]	3.24 [82]	11.1 [282]	6	9	3.24 [4.39]	4.56 [6.18]	3100	2	1.1	BDS4S-306H-6061	6/12
S-106-B	19 [9]	3.24 [82]	11.1 [282]	13	18	3.28 [4.45]	4.68 [6.35]	5500	3	2.1	BDS4S-320H-6061	20/40
S-202-A	26 [12]	4.24 [108]	10.2 [259]	4	6	3.31 [4.49]	5.50 [7.46]	1850	1	0.7	BDS4S-306H-6061	6/12
S-202-B	26 [12]	4.24 [108]	10.2 [259]	6	10	3.60 [4.88]	5.45 [7.39]	2800	2	1.1	BDS4S-306H-6061	6/12
S-204-A	33 [15]	4.24 [108]	11.7 [297]	6	9	5.60 [8.95]	10.10 [13.70]	1400	1	1.0	BDS4S-306H-6061	6/12
S-204-B	33 [15]	4.24 [108]	11.7 [297]	11	17	5.60 [8.95]	10.20 [13.83]	2650	3	2.0	BDS4S-320H-6061	20/40
S-206-A	39 [18]	4.24 [108]	13.3 [338]	6	10	9.60 [13.02]	15.10 [20.48]	1000	1	1.0	BDS4S-306H-6061	6/12
S-206-B	39 [18]	4.24 [108]	13.3 [338]	12	20	9.20 [12.48]	14.70 [19.94]	2050	3	2.2	BDS4S-320H-6061	20/40
S-402-A	45 [20]	5.24 [133]	11.6 [295]	6	9	10.00 [13.56]	14.60 [19.80]	1100	2	1.3	BDS4S-306H-6061	6/12
S-402-B	45 [20]	5.24 [133]	11.6 [295]	13	19	10.40 [14.11]	14.60 [19.80]	2200	4	2.6	BDS4S-320H-6061	20/40
S-404-A	57 [26]	5.24 [133]	13.7 [348]	13	16	19.20 [26.04]	26.50 [35.94]	1100	3	2.4	BDS4S-320H-6061	20/40
S-404-B	57 [26]	5.24 [133]	13.7 [348]	21	29	19.60 [26.58]	27.00 [36.62]	1850	6	4.1	BDS4S-320H-6061	20/40
S-406-A	70 [32]	5.24 [133]	15.8 [401]	20	27	26.00 [35.26]	35.80 [48.56]	1250	5	3.7	BDS4S-320H-6061	20/40
S-406-B	70 [32]	5.24 [133]	15.8 [401]	40	53	27.40 [37.16]	36.50 [49.50]	2350	10	7.3	BDS4S-340H-6061	40/80
S-602-A	76 [34]	6.33 [161]	13.9 [353]	21	31	26.00 [35.26]	37.70 [51.13]	1450	6	4.3	BDS4S-320H-6061	20/40
S-602-B	76 [34]	6.33 [161]	13.9 [353]	42	61	25.60 [34.72]	36.70 [49.78]	2950	12	8.6	BDS4S-340H-6061	40/80
S-604-A	99 [45]	6.33 [161]	16.6 [422]	40	57	44.40 [60.22]	63.70 [86.40]	1550	11	7.8	BDS4S-340H-6061	40/80
S-604-B	99 [45]	6.33 [161]	16.6 [422]	58	85	44.40 [60.22]	64.70 [87.75]	2300	16	11.6	BDS4S-365H-6061	60/65
S-606-A	121 [55]	6.33 [161]	19.3 [490]	42	62	66.00 [89.52]	97.20 [131.83]	1150	12	8.7	BDS4S-340H-6061	40/80
S-606-B	121 [55]	6.33 [161]	19.3 [490]	84	119	66.00 [89.52]	93.00 [126.14]	2250	23	16.9	BDS4S-380H-6061	80/80
S-802-A	162 [73]	8.11 [206]	16.1 [409]	53	81	62.00 [84.09]	96.00 [130.20]	1450	14	10.2	BDS4S-355H-6061	55/110
S-802-B	162 [73]	8.11 [206]	16.1 [409]	68	108	60.00 [81.38]	95.30 [129.26]	2000	18	13.7	BDS4S-365H-6061	65/65
S-804-A	217 [98]	8.11 [206]	19.6 [499]	74	109	116.00 [157.33]	171.20 [232.20]	1100	19	14.5	BDS4S-380H-6061	80/80
S-804-B	217 [98]	8.11 [206]	19.6 [499]	101	147	116.00 [157.33]	169.50 [229.89]	1450	26	19.1	BDS4S-380H-6061	80/80
S-806-A	269 [122]	8.11 [206]	23.2 [589]	103	154	160.00 [217.01]	238.00 [322.80]	1150	28	20.9	BDS4S-380H-6061	80/80

推奨ドライバに関して

本モータは、フィードバックにレゾルバを使用しておりますので、レゾルバ対応のサーボモータドライバがご使用いただけます。
弊社では、以下のドライバをモータと合わせて販売しております。

- Kollmorgen 社　AKD シリーズ　(AC 電源タイプ)
- Elmo Motion Control 社 SimplIQ シリーズ、ExtrIQ シリーズ　(AC 電源、DC 電源いずれにも対応)

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