

### BAUMER ENKODER LİSTESİ

#### Kompakt tasarım 24 - 40 mm - hassas optik

- 6000 ppr'ye kadar
- 4 ila 8 mm masif mil
- İçi boş mil 4 ila 12 mm

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
BDK	ø30 mm	ø5 mm solid shaft	10 ... 2048	Linedriver/RS422 Push-pull short-circuit proof
BHK		ø6 mm (through hollow shaft) ø12 mm (blind hollow shaft)	10 ... 2048	Linedriver/RS422 Push-pull short-circuit proof
BNIV	ø40 mm	ø6 mm solid shaft	100 ... 25000	Linedriver/RS422 Push-pull antivalent, short-circuit proof (HTL)
ITD 01 A 4 Y 1	ø24 mm	ø4 mm (blind hollow shaft)	30 ... 1024	TTL Push-pull short-circuit proof
ITD 01 A 4 Y 4	ø24 mm	ø4 mm (blind hollow shaft)	30 ... 1024	TTL Push-pull short-circuit proof



ITD 01 B14	ø24 mm	ø4 mm solid shaft	30 ... 1024	TTL Push-pull short-circuit proof
MA20	ø40 mm	ø6 mm solid shaft	100 ... 25000	Push-pull antivalent, short-circuit proof (HTL)

### 58 mm - hassas optik

- 1... 65 536 ppr
- 12 mm'ye kadar sağlam mil
- 16 mm'ye kadar oyuk mil
- Sıkma / syncchro / kare flanş ve REO / EURO-flanş B10

### Programlanabilir çözünürlük ve sinyaller

- 1... 65 536 ppr programlanabilir
- 58 mm, 1 inç boşluk miline göre dizayn eder
- Sinyal çıkışı HTL / TTL
- Darbe dizisi ve sıfır darbe programlanabilir
- El aleti veya PC yazılımı ile kolay programlama

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
EIL580-B - Option 6301	ø58 mm	ø8...15 mm (blind hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull



EIL580-B - OptoPulse®	ø58 mm	ø8...15 mm (blind hollow shaft)	100 ... 5000	TTL/RS422
EIL580-S1 - OptoPulse®	ø115 mm	ø11 x 30 mm solid shaft with woodruff key	100 ... 5000	TTL/RS422
EIL580-SC - OptoPulse®	ø58 mm	ø10 x 20 mm, solid shaft with flat	100 ... 5000	TTL/RS422
EIL580-SQ - OptoPulse®	2.5 x 2.5" (63.5 x 63.5 mm)	ø10 x 20 mm, solid shaft with flat	100 ... 5000	TTL/RS422
EIL580-SY - OptoPulse®	ø58 mm	ø6 x 10 mm, solid shaft with flat	100 ... 5000	TTL/RS422
EIL580-T - Option 6301	ø58 mm	ø8...15 mm (through hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull
EIL580-T - OptoPulse®	ø58 mm	ø8...15 mm (through hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull
EIL580P-B - OptoPulse®	ø58 mm	ø8...15 mm (blind hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-SC - OptoPulse®	ø58 mm	ø10 x 20 mm, solid shaft with flat ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-SQ - OptoPulse®	2.5 x 2.5" (63.5 x 63.5 mm)	ø10 x 20 mm, solid shaft with flat	1 ... 65536	TTL/RS422

		ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat		HTL/push-pull
EIL580P-SY - OptoPulse®	ø58 mm	ø6 x 10 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-T - OptoPulse®	ø58 mm	ø8...15 mm (through hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580-B	ø58 mm	ø8...15 mm (blind hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull
ExEIL580-SC	ø58 mm	ø10 x 20 mm, solid shaft with flat	100 ... 5000	TTL/RS422 HTL/push-pull
ExEIL580-SY	ø58 mm	ø6 x 10 mm, solid shaft with flat	100 ... 5000	TTL/RS422 HTL/push-pull
ExEIL580-T	ø58 mm	ø8...15 mm (through hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull
ExEIL580P-B	ø58 mm	ø8...15 mm (blind hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-SC	ø58 mm	ø10 x 20 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-SY	ø58 mm	ø6 x 10 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-T	ø58 mm	ø8...15 mm (through hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull

BDH	ø55 mm	ø10 mm solid shaft (clamping flange)	10 ... 5000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BDH - HighRes	ø55 mm	ø10 mm solid shaft (clamping flange)	7200 ... 320000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BDT	ø58 mm	ø6 mm solid shaft (synchro flange)	10 ... 5000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BDT - HighRes	ø58 mm	ø6 mm solid shaft (synchro flange)	7200 ... 320000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BDT sine	ø58 mm	ø6 mm solid shaft (synchro flange)	1000 ... 5000	SinCos 1 Vpp
BHF	ø58 mm	ø12 mm (blind hollow shaft)	10 ... 5000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BHF - HighRes	ø58 mm	ø12 mm (blind hollow shaft)	4096 ... 320000	Antivalent Push-pull short-circuit proof

BHF sine	ø58 mm	ø12 mm (blind hollow shaft)	1000 ... 5000	SinCos 1 Vpp
BHG	ø58 mm	ø12 mm (through hollow shaft)	10 ... 5000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BHG - HighRes	ø58 mm	ø12 mm (through hollow shaft)	4096 ... 320000	Antivalent Push-pull short-circuit proof
BHG sine	ø58 mm	ø12 mm (through hollow shaft)	1000 ... 5000	SinCos 1 Vpp
BHT	ø58 mm	ø9.52 mm (blind hollow shaft) ø10 mm (blind hollow shaft)	20 ... 5000	Antivalent Push-pull short-circuit proof
BHT sine	ø58 mm	ø9.52 mm (blind hollow shaft) ø10 mm (blind hollow shaft)	1000 ... 5000	SinCos 1 Vpp
G0333	ø58 mm	ø12 mm (through hollow shaft)	6000 ... 80000	Linedriver/RS422 Push-pull short-circuit proof
G0355	ø58 mm	ø10 mm solid shaft	6000 ... 80000	Linedriver/RS422 Push-pull short-circuit proof
G0356	ø58 mm	ø6 mm solid shaft	6000 ... 80000	Linedriver/RS422 Push-pull short-circuit proof
G25	2.5 x 2.5" (63.5 x 63.5 mm)	ø0.375" (ø9.52 mm) solid shaft	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GE333	ø58 mm	ø12 mm (through hollow shaft)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GE355	ø58 mm		5 ... 6000	Linedriver/RS422

		ø10 mm solid shaft (clamping flange)		Push-pull short-circuit proof
GF355	ø58 mm	ø10 mm solid shaft (clamping flange)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GI330	ø58 mm	ø12 mm (blind hollow shaft)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GI331	ø58 mm	ø12 mm (through hollow shaft)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GI332	ø58 mm	ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GI333	ø58 mm	ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GI341	ø58 mm	ø10...15 mm (blind hollow shaft)	5 ... 2048	Linedriver/RS422 TTL Push-pull short-circuit proof
GI342	ø58 mm	ø10...15 mm (through hollow shaft)	5 ... 2048	Linedriver/RS422 TTL Push-pull short-circuit proof
GI352	63.5 x 63.5 mm	ø9.52 mm solid shaft	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GI355	ø58 mm	ø10 mm solid shaft	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GI356	ø58 mm	ø6 mm solid shaft	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof



GI357	ø58 mm	ø6 mm solid shaft (synchro flange) ø10 mm solid shaft (clamping flange)	5 ... 5000	Linedriver/RS422 Push-pull short-circuit proof
GPIOW	ø58 mm	ø6 mm solid shaft (synchro flange) ø10 mm solid shaft (clamping flange)	50 ... 500	Push-pull short-circuit proof
ITD 2 A 4 Y22	ø58 mm	ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	2 ... 60	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 2 A 4 Y36	ø58 mm	ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	2 ... 60	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 20 A 4	ø58 mm	ø8...14 mm (blind hollow shaft)	50 ... 1024	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 20 A 4 Y10	ø58 mm	ø6...16 mm (blind hollow shaft)	50 ... 1024	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 20 A 4 Y114		ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	200 ... 2048	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)



ITD 20 A 4 Y130	ø58 mm	ø12 mm (blind hollow shaft)	50 ... 1024	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 20 A 4 Y22	ø58 mm	ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	50 ... 1024	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 20 A 4 Y36	ø58 mm	ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	50 ... 1024	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 20 B14	ø58 mm	ø6 mm solid shaft	50 ... 1024	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 20 B14 Y 1	ø58 mm	ø6 mm solid shaft	50 ... 1024	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 20 B14 Y 9	ø58 mm	ø10 mm solid shaft (clamping flange)	50 ... 1024	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 20 B14 Y11	ø58 mm	ø10 mm solid shaft (clamping flange)	50 ... 1024	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 21 A 4 Y10	ø58 mm	ø6...16 mm (blind hollow shaft)	1000 ... 10000	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD 21 A 4 Y22	ø58 mm	ø10 mm (blind hollow shaft)	200 ... 6000	TTL linedriver (short- circuit proof)

		ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)		HTL push-pull (short-circuit proof)
ITD 21 A 4 Y36	ø58 mm	ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	200 ... 6000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 21 B14	ø58 mm	ø6 mm solid shaft (synchro flange)	1000 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 21 B14 Y 1	ø58 mm	ø6 mm solid shaft (synchro flange)	1000 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 21 B14 Y 9	ø58 mm	ø10 mm solid shaft (clamping flange)	1000 ... 6000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 21 B14 Y11	ø58 mm	ø10 mm solid shaft (clamping flange)	1000 ... 6000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 22 A 4 Y36	ø58 mm	ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD 28 A 4	ø58 mm	ø10...14 mm (blind hollow shaft)	50 ... 1024	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD21H00	ø58 mm	ø10 mm (through hollow shaft)	100 ... 10000	TTL linedriver (short-circuit proof)

		ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)		HTL push-pull (short- circuit proof)
ITD21H00 HT	ø58 mm	ø10 mm (through hollow shaft) ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)	100 ... 8192	TTL linedriver (short- circuit proof)
ITD21H01	ø58 mm	ø14 mm (through hollow shaft)	100 ... 10000	TTL linedriver (short- circuit proof) HTL push-pull (short- circuit proof)
ITD21H01 HT	ø58 mm	ø14 mm (through hollow shaft)	100 ... 8192	TTL linedriver (short- circuit proof)
ITD22H00	ø58 mm	ø10 mm (through hollow shaft) ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD22H00 SIL	ø58 mm	ø10 mm (through hollow shaft) ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)	1024 ... 2048	SinCos 1 Vpp
TIL	60 x 72 mm	ø10 mm (through hollow shaft)	100 ... 2048	Linedriver/RS422

		ø12 mm (through hollow shaft) ø14 mm (through hollow shaft) ø16 mm (through hollow shaft)	Push-pull short-circuit proof
TIL Y 1	60 x 72 mm	ø12 mm (blind hollow shaft)	100 ... 2048 TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)

### 85 mm'ye kadar geniş shaft

- 80 000 ppr'ye kadar
- Hassas optik algılama
- Sığ kurulum derinliği

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
BHT sine	ø58 mm	ø9.52 mm (blind hollow shaft) ø10 mm (blind hollow shaft)	1000 ... 5000	SinCos 1 Vpp
BHW - HighRes	ø80 mm	ø27 mm (through hollow shaft)	10000 ... 320000	Antivalent Push-pull short-circuit proof
G110H	ø75 mm	ø20 mm (through hollow shaft) ø25 mm (through hollow shaft)	1024 ... 16384	Linedriver/RS422 Push-pull short-circuit proof



		ø25.4 mm (through hollow shaft)		
G110S	ø75 mm	ø20 mm (blind hollow shaft) ø25 mm (blind hollow shaft)	1024 ... 16384	Linedriver/RS422 Push-pull short-circuit proof
HS35S - Sine	ø3.15" (ø80 mm)	ø0.375...1" (ø9.525...25.4 mm) (through hollow shaft isolated)	1024 ... 5000	SinCos 1 Vpp
ITD 40 A 4 Y141	ø89 mm	ø20 mm (blind hollow shaft) ø22 mm (blind hollow shaft) ø25 mm (blind hollow shaft) ø27 mm (blind hollow shaft)	200 ... 2048	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 40 A 4 Y22	ø80 mm	ø17...27 mm (through hollow shaft)	200 ... 2048	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 A 4 Y100	ø80 mm	ø20 mm (through hollow shaft) ø25 mm (through hollow shaft)	2000 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 A 4 Y22	ø80 mm	ø17...27 mm (through hollow shaft)	2000 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)

ITD 41 A 4 Y68	ø80 mm	ø28...30 mm (through hollow shaft)	1024 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 A 4 Y70	ø80 mm	ø28...30 mm (through hollow shaft)	1024 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 A 4 Y79	ø80 mm	ø20 mm (through hollow shaft) ø22 mm (through hollow shaft) ø25 mm (through hollow shaft) ø27 mm (through hollow shaft)	2000 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 42 A 4 Y141	ø89 mm	ø20 mm (blind hollow shaft) ø27 mm (blind hollow shaft) ø25 mm (blind hollow shaft) ø22 mm (blind hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD 42 A 4 Y79	ø80 mm	ø20 mm (through hollow shaft) ø22 mm (through hollow shaft) ø25 mm (through hollow shaft) ø27 mm (through hollow shaft)	1024 ... 2048	SinCos 1 Vpp

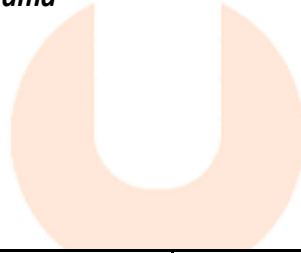
ITD 70 A 4 Y 2	ø150 mm	ø38...65 mm (through hollow shaft)	1000 ... 2500	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 70 A 4 Y 7	ø150 mm	ø40...65 mm (through hollow shaft)	1000 ... 2500	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 70 A 4 Y 9	ø150 mm	ø40...65 mm (through hollow shaft)	1000 ... 2500	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 75 A 4	ø150 mm	ø60...85 mm (through hollow shaft)	1000 ... 2500	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD61H00	ø120 mm	ø30...50 mm (through hollow shaft)	1024 ... 10000	Push-pull short-circuit proof
HS35F	ø3.15" (ø80 mm)	ø0.375...1" (ø9.525...25.4 mm) (through hollow shaft isolated)	1024 ... 80000	Linedriver (TTL, 7272) Vout = 5 V, short-circuit proof Push-pull (HTL, 7272) Vout = Vin, short-circuit proof Open Collector (OC, 7273) Vout = Vin, short-circuit proof
HS35P - Programmable	ø3.15" (ø80 mm)	ø0.375...1" (ø9.525...25.4 mm) (through hollow shaft isolated)	1 ... 8192	Linedriver (TTL, 7272) Vout = 5 V, short-circuit proof



Push-pull (HTL,  
7272) Vout = Vin,  
short-circuit proof

### Yüksek çözünürlük - hassas optik algılama

- 320 000 ppr'ye kadar
- Masif veya kör boş mil
- Entegre sinyal enterpolasyonu



Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
EIL580P-B - OptoPulse®	ø58 mm	ø8...15 mm (blind hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-SC - OptoPulse®	ø58 mm	ø10 x 20 mm, solid shaft with flat ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-SQ - OptoPulse®	2.5 x 2.5" (63.5 x 63.5 mm)	ø10 x 20 mm, solid shaft with flat ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-SY - OptoPulse®	ø58 mm	ø6 x 10 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-T - OptoPulse®	ø58 mm	ø8...15 mm (through hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull



ExEIL580P-B	ø58 mm	ø8...15 mm (blind hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-SC	ø58 mm	ø10 x 20 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-SY	ø58 mm	ø6 x 10 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-T	ø58 mm	ø8...15 mm (through hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
BDH - HighRes	ø55 mm	ø10 mm solid shaft (clamping flange)	7200 ... 320000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BDT - HighRes	ø58 mm	ø6 mm solid shaft (synchro flange)	7200 ... 320000	Antivalent Push-pull short-circuit proof Push-pull antiv. short-circuit proof
BHF - HighRes	ø58 mm	ø12 mm (blind hollow shaft)	4096 ... 320000	Antivalent Push-pull short-circuit proof
BHG - HighRes	ø58 mm	ø12 mm (through hollow shaft)	4096 ... 320000	Antivalent Push-pull short-circuit proof
G0333	ø58 mm	ø12 mm (through hollow shaft)	6000 ... 80000	Linedriver/RS422

				Push-pull short-circuit proof
G0355	ø58 mm	ø10 mm solid shaft	6000 ... 80000	Linedriver/RS422 Push-pull short-circuit proof
G0356	ø58 mm	ø6 mm solid shaft	6000 ... 80000	Linedriver/RS422 Push-pull short-circuit proof
ITD21H00	ø58 mm	ø10 mm (through hollow shaft) ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)	100 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD21H01	ø58 mm	ø14 mm (through hollow shaft)	100 ... 10000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)

### SinCos çıkışı

- 5 000 sinüs periyoduna kadar
- Patentli LowHarmonics teknolojisi
- Mükemmel sinyal ve işlem kalitesi

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
BDT sine	ø58 mm	ø6 mm solid shaft (synchro flange)	1000 ... 5000	SinCos 1 Vpp
BHF sine	ø58 mm	ø12 mm (blind hollow shaft)	1000 ... 5000	SinCos 1 Vpp



BHG sine	ø58 mm	ø12 mm (through hollow shaft)	1000 ... 5000	SinCos 1 Vpp
BHT sine	ø58 mm	ø9.52 mm (blind hollow shaft) ø10 mm (blind hollow shaft)	1000 ... 5000	SinCos 1 Vpp
ITD 22 A 4 Y36	ø58 mm	ø10 mm (blind hollow shaft) ø12 mm (blind hollow shaft) ø14 mm (blind hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD 42 A 4	ø80 mm	ø10...16 mm (blind hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD 42 A 4 Y141	ø89 mm	ø20 mm (blind hollow shaft) ø27 mm (blind hollow shaft) ø25 mm (blind hollow shaft) ø22 mm (blind hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD 42 A 4 Y79	ø80 mm	ø20 mm (through hollow shaft) ø22 mm (through hollow shaft) ø25 mm (through hollow shaft) ø27 mm (through hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD22H00	ø58 mm	ø10 mm (through hollow shaft) ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)	1024 ... 2048	SinCos 1 Vpp
ITD22H00 SIL	ø58 mm	ø10 mm (through hollow shaft)	1024 ... 2048	SinCos 1 Vpp

ø12 mm (through  
hollow shaft)  
ø14 mm (through  
hollow shaft)

### İnç boyutları

- 80 000 ppr'ye kadar
- Masif shaft ve kare flanş
- İzole oyuk mil
- Programlanabilir çeşitler

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
EIL580-B - OptoPulse®	ø58 mm	ø8...15 mm (blind hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull
EIL580-SC - OptoPulse®	ø58 mm	ø10 x 20 mm, solid shaft with flat ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat	100 ... 5000	TTL/RS422 HTL/push-pull
EIL580-SQ - OptoPulse®	2.5 x 2.5" (63.5 x 63.5 mm)	ø10 x 20 mm, solid shaft with flat ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat	100 ... 5000	TTL/RS422 HTL/push-pull
EIL580-T - OptoPulse®	ø58 mm	ø8...15 mm (through hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull
EIL580P-B - OptoPulse®	ø58 mm	ø8...15 mm (blind hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull



EIL580P-SC - OptoPulse®	ø58 mm	ø10 x 20 mm, solid shaft with flat ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-SQ - OptoPulse®	2.5 x 2.5" (63.5 x 63.5 mm)	ø10 x 20 mm, solid shaft with flat ø3/8" x 4/5" (ø9.525 x 20.32 mm), solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
EIL580P-T - OptoPulse®	ø58 mm	ø8...15 mm (through hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
BHT	ø58 mm	ø9.52 mm (blind hollow shaft) ø10 mm (blind hollow shaft)	20 ... 5000	Antivalent Push-pull short- circuit proof
BHT sine	ø58 mm	ø9.52 mm (blind hollow shaft) ø10 mm (blind hollow shaft)	1000 ... 5000	SinCos 1 Vpp
G110H	ø75 mm	ø20 mm (through hollow shaft) ø25 mm (through hollow shaft) ø25.4 mm (through hollow shaft)	1024 ... 16384	Linedriver/RS422 Push-pull short- circuit proof
G25	2.5 x 2.5" (63.5 x 63.5 mm)	ø0.375" (ø9.52 mm) solid shaft	5 ... 6000	Linedriver/RS422 Push-pull short- circuit proof
GI352	63.5 x 63.5 mm	ø9.52 mm solid shaft	5 ... 6000	Linedriver/RS422 Push-pull short- circuit proof

HS35F	ø3.15" (ø80 mm)	ø0.375...1" (ø9.525...25.4 mm) (through hollow shaft isolated)	1024 ... 80000	Linedriver (TTL, 7272) Vout = 5 V, short-circuit proof  Push-pull (HTL, 7272) Vout = Vin, short-circuit proof  Open Collector (OC, 7273) Vout = Vin, short-circuit proof
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#### Patlama tehlikesi olan bölgeler için

- 6000 ppr'ye kadar
- 1 inç içi boş mil ile 58 mm tasarım
- ATEX / IECEX sertifikası
- 1, 2 ve 21, 22 numaralı bölgelerde kullanım için
- 0/20 bölgesinde bariyerle çalışma

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
ExEIL580-B	ø58 mm	ø8...15 mm (blind hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull
ExEIL580-SC	ø58 mm	ø10 x 20 mm, solid shaft with flat	100 ... 5000	TTL/RS422 HTL/push-pull
ExEIL580-SY	ø58 mm	ø6 x 10 mm, solid shaft with flat	100 ... 5000	TTL/RS422 HTL/push-pull
ExEIL580-T	ø58 mm	ø8...15 mm (through hollow shaft)	100 ... 5000	TTL/RS422 HTL/push-pull





ExEIL580P-B	ø58 mm	ø8...15 mm (blind hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-SC	ø58 mm	ø10 x 20 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-SY	ø58 mm	ø6 x 10 mm, solid shaft with flat	1 ... 65536	TTL/RS422 HTL/push-pull
ExEIL580P-T	ø58 mm	ø8...15 mm (through hollow shaft)	1 ... 65536	TTL/RS422 HTL/push-pull
X 700 - incremental	ø70 mm	ø10 mm solid shaft (clamping flange)	5 ... 5000	Push-pull short-circuit proof

#### Aşındırıcı ortam için

- C5-M korozyon koruması
- Offshore yetenekli ve tuzlu su geçirmez
- Gıdaya uygun paslanmaz çelik V2A ve V4A çeşitleri

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
GE333	ø58 mm	ø12 mm (through hollow shaft)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GE355	ø58 mm	ø10 mm solid shaft (clamping flange)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof
GF355	ø58 mm	ø10 mm solid shaft (clamping flange)	5 ... 6000	Linedriver/RS422 Push-pull short-circuit proof



ITD 21 A 4 Y65	ø68 mm	ø10 mm (through hollow shaft) ø12 mm (through hollow shaft) ø14 mm (through hollow shaft)	200 ... 6000	TTL linedriver (short- circuit proof) HTL push-pull (short-circuit proof)
ITD 42 A 4 Y141	ø89 mm	ø20 mm (blind hollow shaft) ø27 mm (blind hollow shaft) ø25 mm (blind hollow shaft) ø22 mm (blind hollow shaft)	1024 ... 2048	SinCos 1 Vpp

### Tasarım 30 - 58 mm - sağlam manyetik algılama

BRIV / BRIH

- 1024 ppr'ye kadar
- 6 mm'ye kadar sağlam mil
- 12 mm'ye kadar oyuk mil
- 100 g'a kadar darbelere dayanıklı

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
BRID - EcoMag	ø58 mm	ø12 mm (through hollow shaft)	64 ... 2048	Antivalent Push-pull short-circuit proof
BRIH - EcoMag	ø58 mm	ø12 mm (blind hollow shaft)	64 ... 2048	Antivalent Push-pull short-circuit proof
BRIH 40 - EcoMag	ø40 mm	ø6 mm (blind hollow shaft)	2 ... 1024	Antivalent



		ø12 mm (blind hollow shaft)		Push-pull short-circuit proof
BRIV 30 - EcoMag	ø30 mm	ø5 mm solid shaft	2 ... 1024	Antivalent Push-pull short-circuit proof
BRIV 30R - EcoMag	ø30 mm	ø6 mm solid shaft ø8 mm solid shaft	2 ... 1024	Antivalent Push-pull short-circuit proof
BRIV 58K - EcoMag	ø58 mm	ø10 mm solid shaft (clamping flange)	64 ... 2048	Antivalent Push-pull short-circuit proof
BRIV 58S - EcoMag	ø58 mm	ø6 mm solid shaft (synchro flange)	64 ... 2048	Antivalent Push-pull short-circuit proof
ITD 27 A 4 Y15	ø58 mm	ø9...14 mm (through hollow shaft)	1 ... 32	Push-pull short-circuit proof

### 82 mm - EURO flanşı B10 (REO flanşı)

- EURO flanşlı B10 (REO flanşlı) ile dolu mil
- 5 ... 6000 ppr

Product name	Size (flange)	Shaft type	Pulses/waves per revolution	Output stages
ITD 4 B10	ø115 mm	ø11 mm solid shaft	5 ... 60	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 4 B10 Y 1	ø115 mm	ø11 mm solid shaft	5 ... 60	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 4 B10 Y 4	ø115 mm	ø11 mm solid shaft	5 ... 60	TTL linedriver (short-circuit proof)



				HTL push-pull (short-circuit proof)
ITD 4 B10 Y 5	ø115 mm	ø11 mm solid shaft	5 ... 60	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 40 B10	ø115 mm	ø11 mm solid shaft	200 ... 2048	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 40 B10 Y 1	ø115 mm	ø11 mm solid shaft	200 ... 2048	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 40 B10 Y 4	ø115 mm	ø11 mm solid shaft	200 ... 2048	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 40 B10 Y 5	ø115 mm	ø11 mm solid shaft	200 ... 2048	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 B10	ø115 mm	ø11 mm solid shaft	1000 ... 6000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 B10 Y 1	ø115 mm	ø11 mm solid shaft	1000 ... 6000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 B10 Y 4	ø115 mm	ø11 mm solid shaft	1000 ... 6000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)
ITD 41 B10 Y 5	ø115 mm	ø11 mm solid shaft	1000 ... 6000	TTL linedriver (short-circuit proof) HTL push-pull (short-circuit proof)

