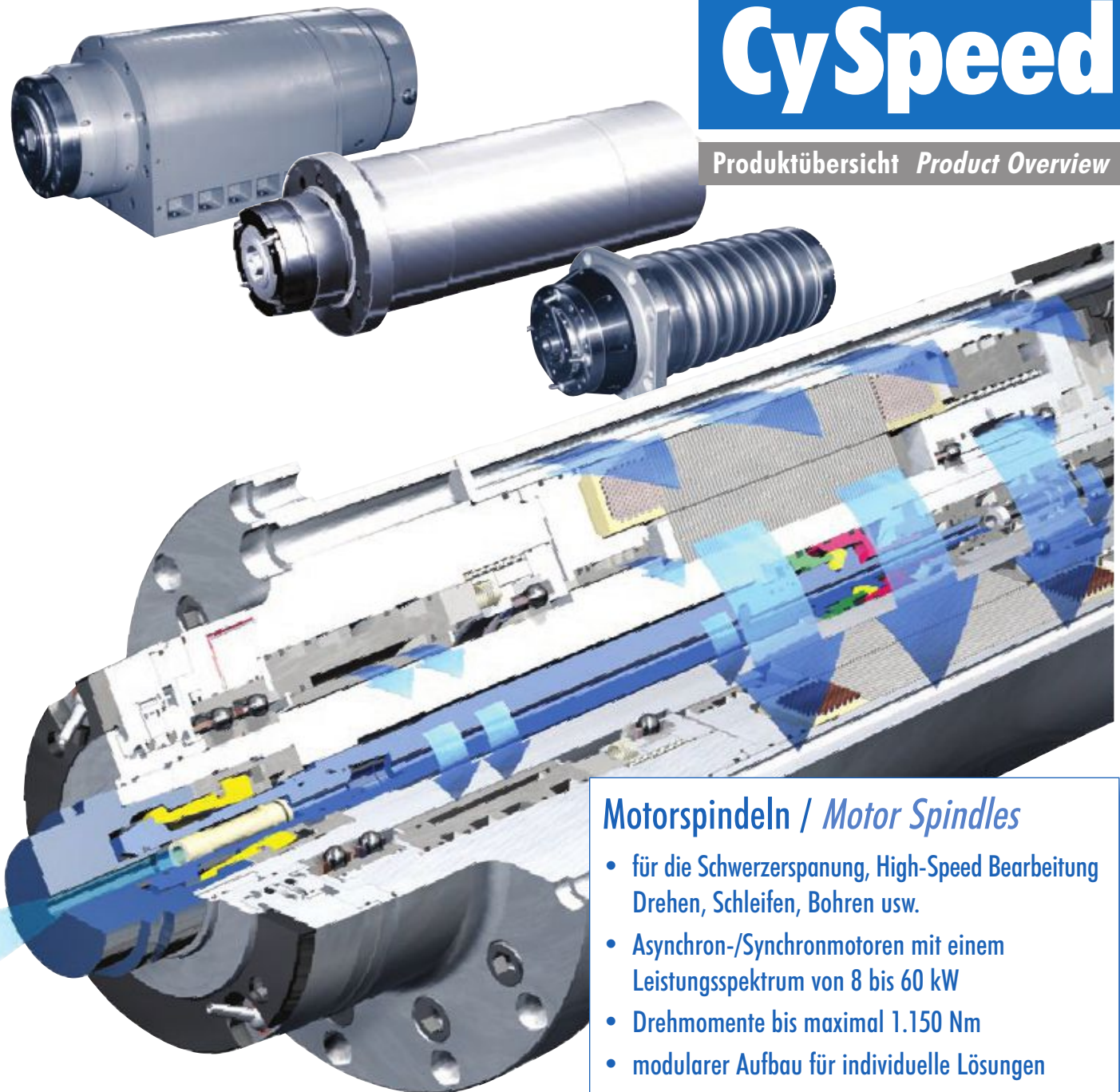




Motorspindeln / *Motor Spindles*

- für die Schwerzerspanung, High-Speed Bearbeitung
Drehen, Schleifen, Bohren usw.
- Asynchron-/Synchronmotoren mit einem
Leistungsspektrum von 8 bis 60 kW
- Drehmomente bis maximal 1.150 Nm
- modularer Aufbau für individuelle Lösungen
- *for rough machining, high-speed finishing
turning, grinding, drilling etc.*
- *Asynchronous-/synchronous motors with a
power range from 8 up to 60 kW*
- *Torque values up to 1.150 Nm max.*
- *modular design for individual solutions*

CYTEC
SYSTEMS

CyTec Zylindertechnik GmbH
Steffensrott 1 • D-52428 Jülich • Tel.: (+49) 2461/6808-0 • Fax: (+49) 2461/6808-25

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Übersicht Motorspindeln mit technischen Eckdaten /

Für Fräsköpfe Baureihe/ for Milling Heads Series:

S8

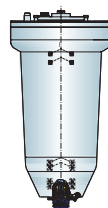
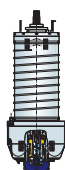
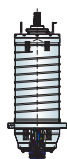
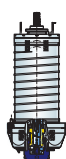
P12



Typ/Type:	CS 10-135	CS 15-135-A	CS 20-135	CS 15-180-A	CS 21-200
Nennleistung /nom. power S1 (kW):	10	15	20	15	21
Durchmesser /diameter (mm):	135	135	135	180	200
Max. Drehmoment /torque S6 (Nm):	42	31	42	67	130
Max. Drehzahl /speed max. (1/min):	12.000	24.000	20.000	24.000	15.000
WZ-Schnittstelle /tool interface:	HSK-A63	HSK-A63	HSK-A63	HSK-A63	HSK-A63

Für Fräsköpfe Baureihe/ for Milling Heads Series:

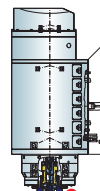
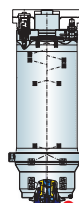
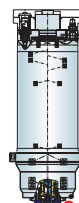
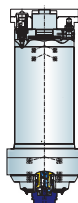
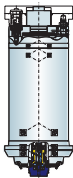
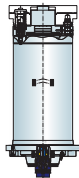
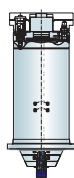
M21



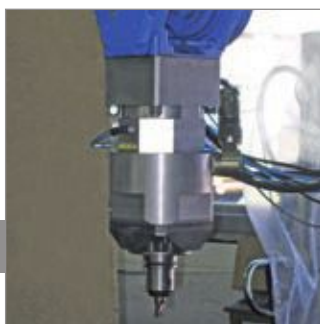
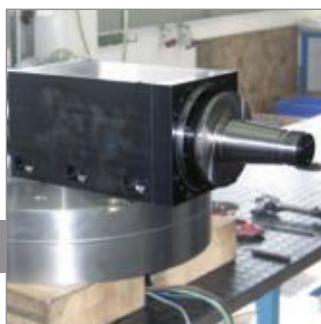
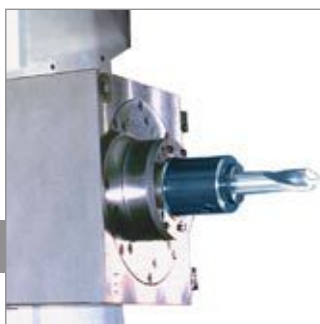
Typ/Type:	CS 21-180-A	CS 27-180-S	CS 34-180	CS 34-180-S	CS 40-180	CS 60-180-S	CSV 21-400
Nennleistung /nom. power S1 (kW):	21	27	34	34	40	60	21
Durchmesser /diameter (mm):	180	180	180	180	180	180	400
Max. Drehmoment /torque S6 (Nm):	130	170	91	220	51	78 (S1)	260
Max. Drehzahl /speed max. (1/min):	18.000	12.000	24.000	12.000	30.000	24.000	18.000
WZ-Schnittstelle /tool interface:	HSK-A63	HSK-A100	HSK-A 63	HSK-A100	HSK-A63	HSK-A63	HSK-A63

Für Fräsköpfe Baureihe/ for Milling Heads Series:

G30

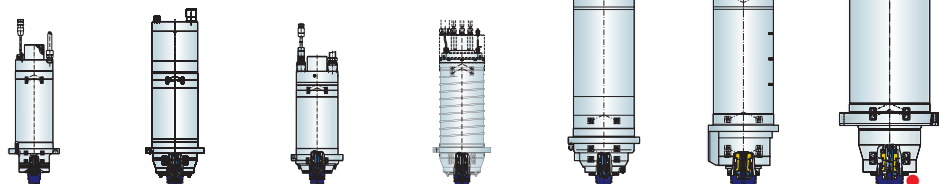


Typ/Type:	CS 13-238	CS 27-238	CS 30-238	CS 42-238-S	CSG 40-245	CSG 40-245-S	CSG 50-300
Nennleistung/nom. power S1 (kW):	13	27	30	42	40	40	50
Durchmesser/diameter (mm):	238	238	238	238	245	245	300
Max. Drehmoment/torque S6 (Nm):	16	55	310	525	525 (i=3)	708 (i=3)	621 (i=3)
Max. Drehzahl/speed max. (1/min):	36.000	24.000	10.000	7.000	10.000	7.000	10.000
WZ-Schnittstelle/tool interface:	HSK-E40	HSK-A63	HSK-A100	HSK-A100	HSK-A100	HSK-A100	HSK-A100



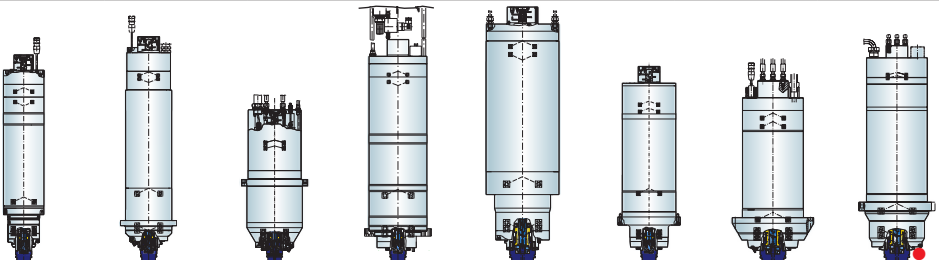
Overview Motor Spindles with technical basic data

Für Fräsmaschinen/ for Milling Machines:



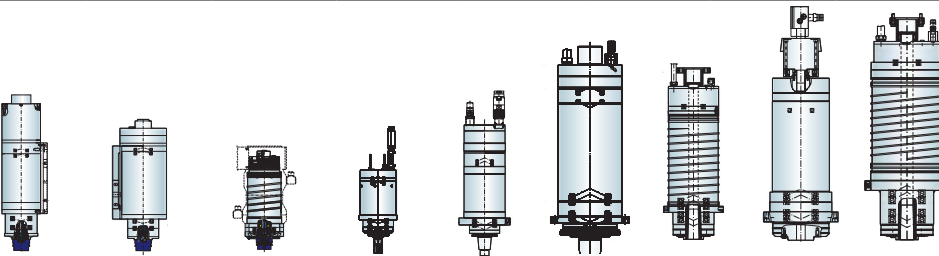
Typ/ Type:	CS 12-150-A	CS 12-180	CS 15-170	CS 21-180-B	CS 21-240	CS 30-240	CSG 60-300
Nennleistung /nom. power S1 (kW):	12	12	15	21	21	30	60
Durchmesser /diameter (mm):	150	180	170	180	240	240	300
Max. Drehmoment /torque S6 (Nm):	26	55	67	129	260	372	1.150 (i=3)
Max. Drehzahl /speed max. (1/min):	18.000	24.000	24.000	15.000	18.000	12.000	8.000
WZ-Schnittstelle /tool interface:	HSK-A50	HSK-A63	HSK-A63	HSK-A63	HSK-A63	HSK-A100	HSK-A100

Für Bearbeitungszentren/ for Machining Centres:



Typ/ Type:	CS 12-160	CS 18-180	CS 21-205	CS 25-230	CS 32-285	CS 36-212	CS 40-240	CSG 50-240
Nennleistung /nom. power S1 (kW):	12	18	21	25	32	36	40	50
Durchmesser /diameter (mm):	160	180	205	230	285	212	240	240
Max. Drehmoment /torque S6 (Nm):	54	90	129	126	400	75	335	771 (i=3)
Max. Drehzahl /speed max. (1/min):	17.000	15.000	15.000	14.000	12.000	24.000	15.000	10.000
WZ-Schnittstelle /tool interface:	HSK-A63	HSK-A63	HSK-A63	HSK-A63	HSK-A100	HSK-A63	HSK-A100	HSK-A100

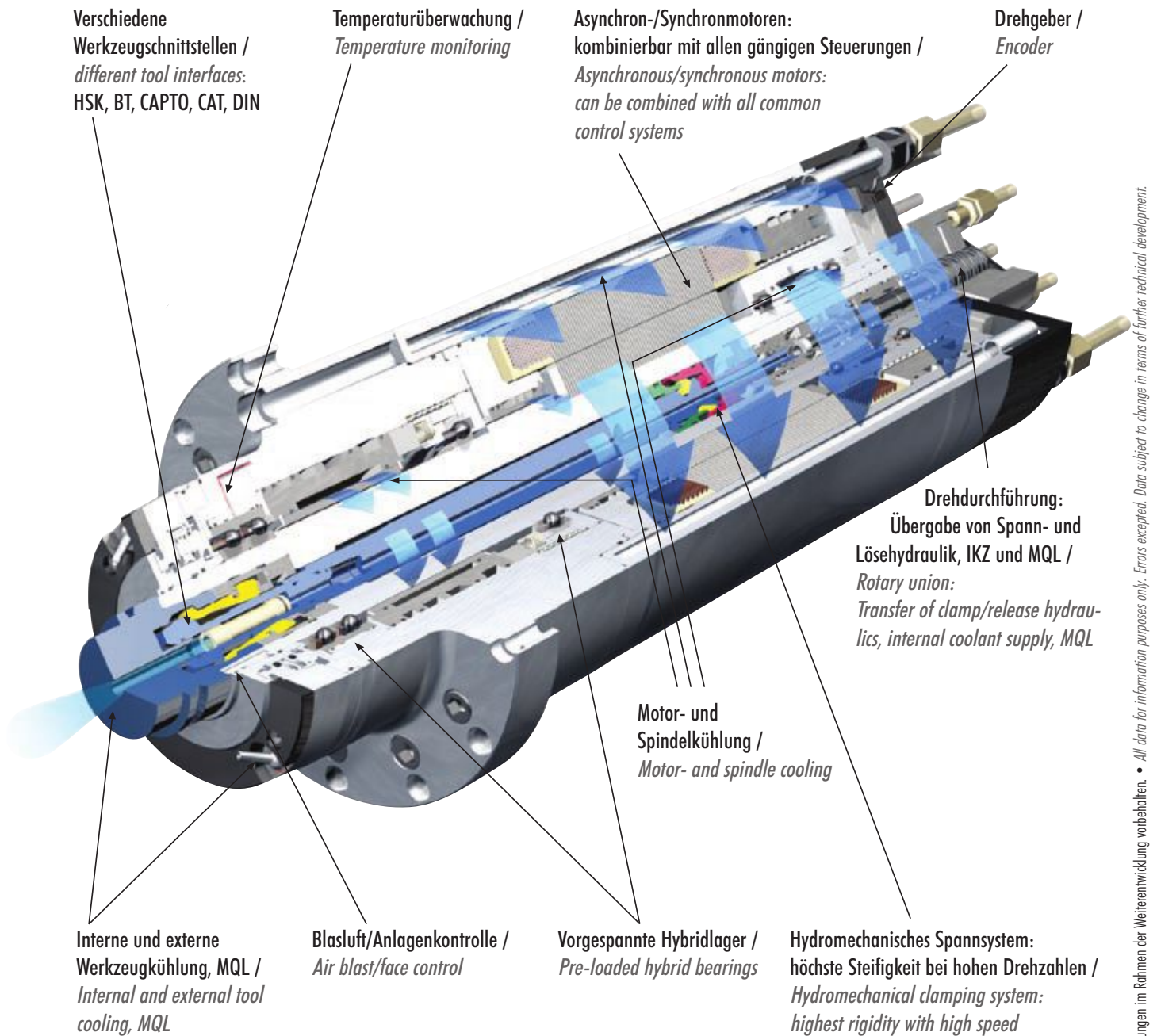
Für Roboter, Schleif-, Drehmaschinen/ for Robots, Grinding and Turning Machines:



Typ/ Type:	CS 12-150-B	CS 15-180-B	CS 15-135-B	CSS 6-140	CSS 16-170	CSS 30-230	CSD 10-204	CSD 27-250	CSD 28-340
Nennleistung /nom. power S1 (kW):	12	15	15	6	16	30	10	27	28
Durchmesser /diameter (mm):	150	180	135	140	170	230	204	250	340
Max. Drehmoment /torque S6 (Nm):	22	38	31	6,3	42	85	115	150	513
Max. Drehzahl /speed max. (1/min):	24.000	24.000	24.000	30.000	8.000	7.000	8.000	6.000	5.000
WZ-Schnittstelle /tool interface:	HSK-E50/F63	HS-E50/F63	HSK-A63	-	-	-	-	-	-

mit Planetengetriebe / with planetary gearing

Charakteristische Komponenten / Characteristic Components



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SYSTEMS

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