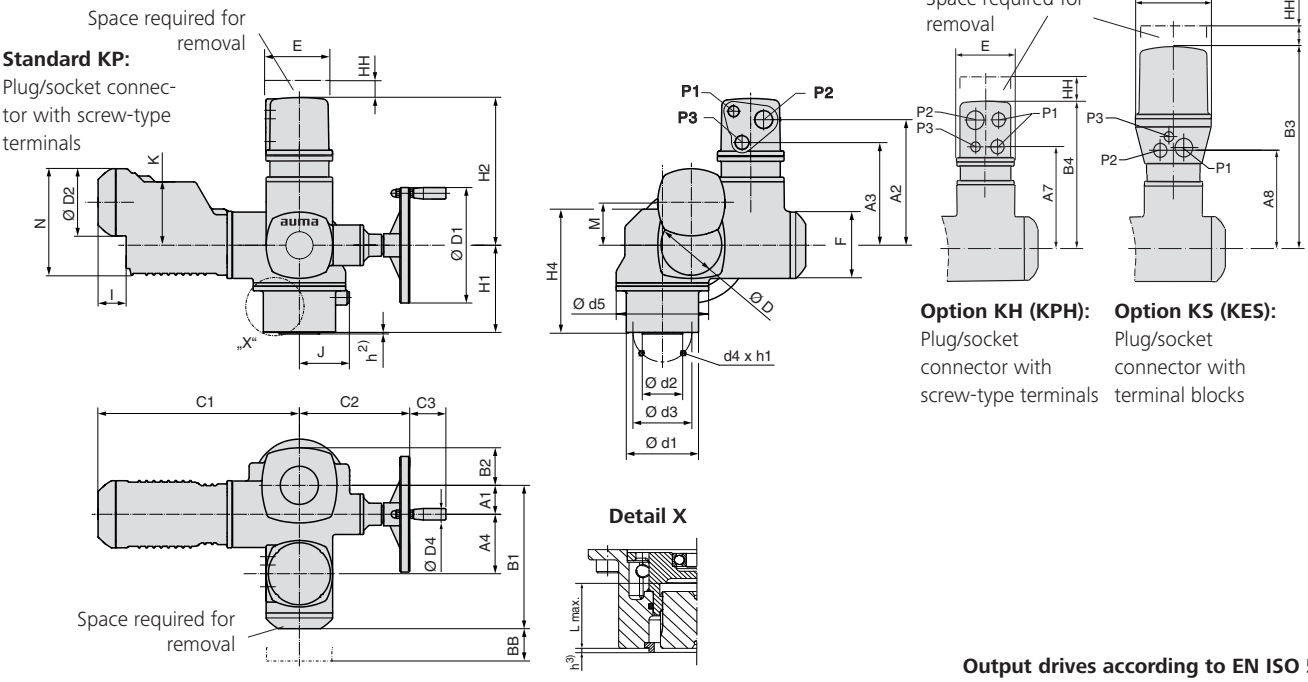
Dimensions Part-turn actuators with 1-phase AC motor

With explosion-proof plug/socket connector

Standard KP:
Plug/socket connector with screw-type terminals



Option KH (KPH):
Plug/socket connector with screw-type terminals

Option KS (KES):
Plug/socket connector with terminal blocks

Output drives according to EN ISO 5211
For dimensions see overleaf

1) Standard, other threads on request
2) Allowance for spigot is not available as standard. The spigot ring is a separate component, available as option.
3) Combined flange F05/F07 without spigot (standard). As an alternative an individual flange F07 can be ordered with spigot

Dimensions	SQEx 05.2		SQEx 07.2			SQEx 10.2		SQEx 12.2		SQEx 14.2	
EN ISO 5211	F05 4)	F07 4)	F05 4)	F07 4)	F10	F10	F12	F12	F14	F14	F16
A1	40					50		50		50	
A2	221					221		221		221	
A3	181					181		181		181	
A4	103					103		103		103	
A7	207					207		207		207	
A8	172					172		172		172	
B1	245					255		255		255	
B2	50					65		65		65	
B3	395					395		395		395	
B4	282					282		282		282	
C1	350					350		350		350	
C2	186					191		191		191	
C3	63					63		63		63	
Ø D	104					104		104		104	
Ø D1	160					200		200		200	
Ø D2	115					115		115		115	
Ø D4	20					20		20		20	
E	115					115		115		115	
F	115					115		115		115	
G	150					150		150		150	
H1	134		134		160	151	183	175	215	210	260
H2	257					257		257		257	
H4	193		193		218	214	246	238	278	273	323
I	52					52		52		52	
J	69					86		109		128	
K	108					108		108		108	
L max.	40		40		66	50	82	61	101	75	125
M	73					73		73		73	
N	188					188		188		188	
P1 1)	M20 x 1.5					M20 x 1.5		M20 x 1.5		M20 x 1.5	
P2 1)	M32 x 1.5					M32 x 1.5		M32 x 1.5		M32 x 1.5	
P3 1)	M25 x 1.5					M25 x 1.5		M25 x 1.5		M25 x 1.5	
BB min.	180					180		180		180	
HH min.	60					60		60		60	
HH1 min.	130					130		130		130	
Ø d1	90		90		125	125	150	150	175	175	210
Ø d2	–		–		70	70	85	85	100	100	130
Ø d3	50	70	50	70	102	102	125	125	140	140	165
d4	4 x M6	4 x M8	4 x M6	4 x M8	4 x M10	4 x M10	4 x M12	4 x M12	4 x M16	4 x M16	4 x M20
Ø d5	125					160		210		225	
h 2)	–		–		2.5	2.5		2.5	3.5	3.5	4.5
h1	12	15	12	15	16	18	19	22	25	29	32

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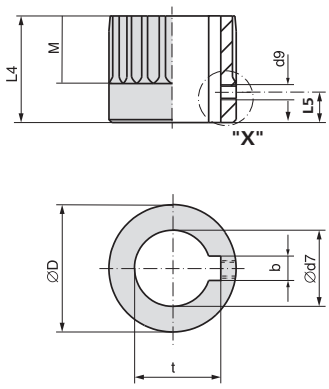
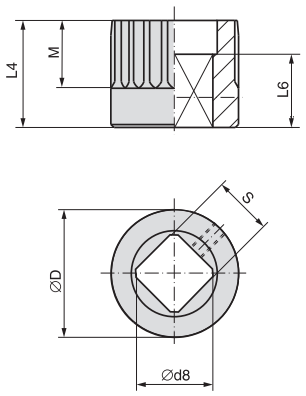
Dimensions Couplings according to EN ISO 5211

Bore according to EN ISO 5211 with keyway according to DIN 6885-1



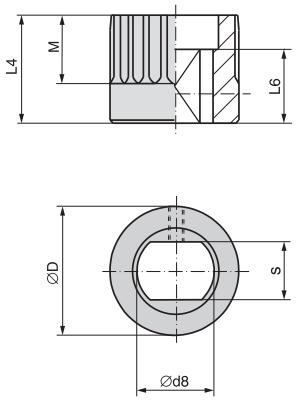
SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
b JS9 [1]	6		6		8		10		14	
Ø d7 H8 [2]	18		22		28		36		48	
Ø d7 max.	25.4		25.4		38		50		60	
d9 [3]	M5		M5		M6		M6		M6	
L4	35		35	60	45	75	55	95	65	115
L5 [3]	8		8		10		10		10	
M	20		20		30		40		47	40
t [1]	20.8		24.8		31.3		39.3		51.8	

Square bore according to EN ISO 5211



SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
Ø d8 min. [2]	18.1		22.2		28.2		36.2		48.2	
Ø d8 max.	28.2		28.2		40.2 [4]		48.2		60.2	
L4	35		35	60	45	75	55	95	65	115
L6 min.	30		30		30		30		40	
M	20		20		30		40		47	40
s H11 [2]	14		17		22		27		36	
s H11 max.	22		22		30 [4]		36		46	

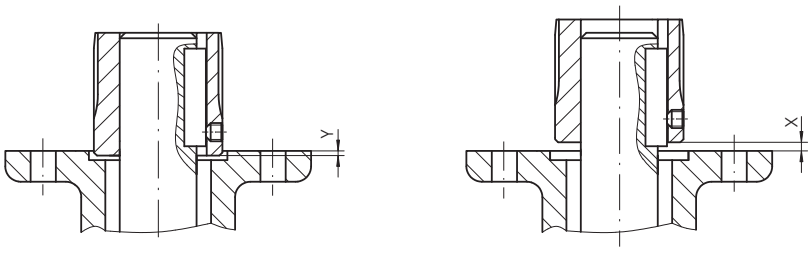
Two-flat according to EN ISO 5211



SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
Ø d8 min. [2]	18.1		22.2		28.2		36.2		48.2	
Ø d8 max.	28.2		28.2		36.2		48.2 (48 [5])		60.2	
L4	35		35	60	45	75	55	95	65	115
L6 min.	25		25		25		30		40	
M	20		20		30		40		47	40
s H11 [2]	14		17		22		27		36	
s H11 max.	22		22		27		36 (41 [5])		46	

Mounting position of the coupling within fitting dimensions according to AUMA definition

X max.	3	4	5	8
Y max.	2	5	10	10



1) Dimensions depend on Ø d7, refer to DIN 6885-1
2) Recommended size according to EN ISO 5211
3) Thread with grub screw
4) According to DIN 79
5) According to DIN 475

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