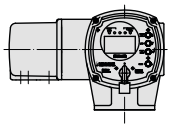
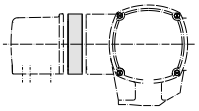
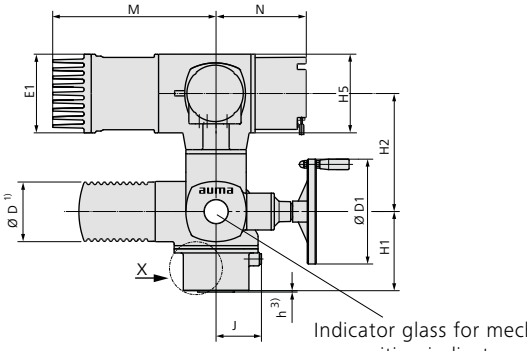
Dimensions Variable operating times part-turn actuators with integral actuator controls (also for HART)

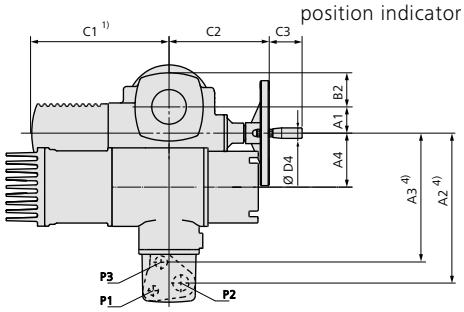
With AUMA plug/socket connector and 3-phase AC motor

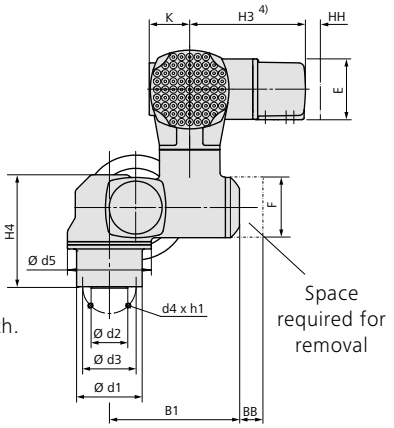




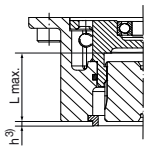
Version[4]: double sealed







Detail X



1) Exact dimension depending on motor used
2) Standard, other threads on request
3) Allowance for spigot is not available as standard
The spigot ring is a separate component, available as option.
4) Option: Enclosure protection IPxx-DS, cover for electrical connection with additional frame
5) Combined flange F05/F07 without spigot (standard). As an alternative an individual flange F07 can be ordered with/without spigot

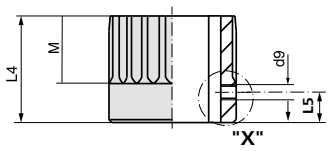
Output drives according to EN ISO 5211
For dimensions see overleaf

Dimensions	SQV 05.2/ACV 01.2		SQV 07.2/ACV 01.2			SQV 10.2/ACV 01.2		SQV 12.2/ACV 01.2		SQV 14.2/ACV 01.2	
EN ISO 5211	F05 5)	F07 5)	F05 5)	F07 5)	F10	F10	F12	F12	F14	F14	F16
A1	40					50		50		50	
A2 4)	287 (314 4))					287 (314 4))		287 (314 4))		287 (314 4))	
A3 4)	247 (274 4))					247 (274 4))		247 (274 4))		247 (274 4))	
A4	103					103		103		103	
B1	238					248		248		248	
B2	50					65		65		65	
C1 1)	265					265		265		265	
C2	186					191		191		191	
C3	63					63		63		63	
Ø D 1)	101					101		101		101	
Ø D1	160					200		200		200	
Ø D4	20					20		20		20	
E	115					115		115		115	
E1	150					150		150		150	
F	115					115		115		115	
H1	134		134		160	151	183	175	215	210	260
H2	225					225		225		225	
H3 4)	220 (247 4))					220 (247 4))		220 (247 4))		220 (247 4))	
H4	193		193		217	214	246	238	278	273	323
H5	150					150		150		150	
J	69					86		109		128	
K	75					75		75		75	
L max.	40		40		66	50	82	61	101	75	125
M	313					313		313		313	
N	173					173		173		173	
P1 2)	M20 x 1.5					M20 x 1.5		M20 x 1.5		M20 x 1.5	
P2 2)	M32 x 1.5					M32 x 1.5		M32 x 1.5		M32 x 1.5	
P3 2)	M25 x 1.5					M25 x 1.5		M25 x 1.5		M25 x 1.5	
BB min.	180					180		180		180	
HH min.	30					30		30		30	
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 3)	–		–		2.5	2.5		2.5	3.5	3.5	4.5
h1	12	15	12	15	16	18	19	22	25	29	32

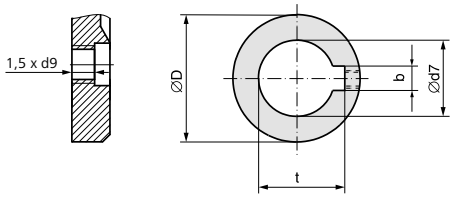
We reserve the right to alter data according to improvements made. Previous documents become invalid with the issue of this document.

Dimensions Couplings according to EN ISO 5211

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

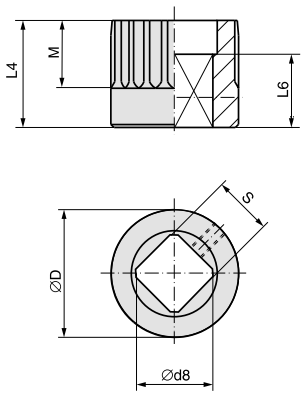


Detail X



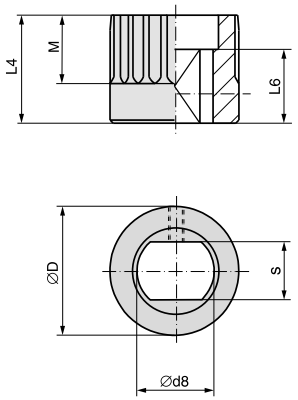
SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
b JS9 [1]	6		6		8		10		14	
Ø d7 H8 [2]	18		22		28		36		48	
Ø d7 max.	25.4		25.4		38		50		60	
d9 [3]	M5		M5		M6		M6		M6	
L4	35		35	60	45	75	55	95	65	115
L5 [3]	8		8		10		10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

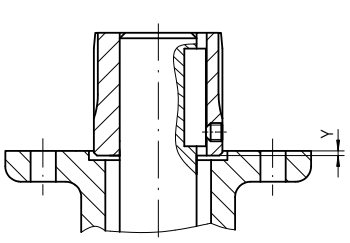
Two-flat according to EN ISO 5211

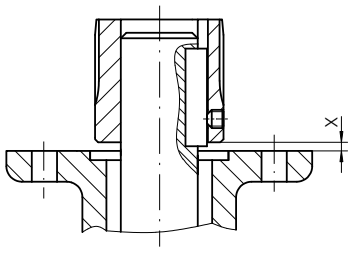


SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
Ø d8 min. [2]	18.1		22.2		28.2		36.2		48.2	
Ø d8 max.	28.2		28.2		36.2		48.2 (48 [5])		60.2	
L4	35		35	60	45	75	55	95	65	115
L6 min.	25		25		25		30		40	
M	20		20		30		40	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