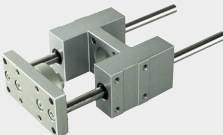
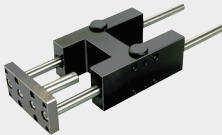
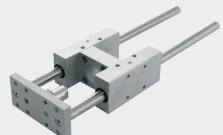
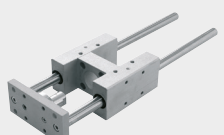


Mountings

	R	S	SS	SW	UF	UH	UR	US
								
Cyl. Ø	3	12	16	6	17	11	4	7
	Page 12	Page 12	Page 14	Page 13	Page 13	Page 12	Page 13	Page 14
32	QA/8032/27	QA/8032/41	M/P19931	M/P19493	QM/8025/32	PQA/182032/40	QA/8032/33	M/P40310
40	QA/8040/27	QA/8040/41	M/P19932	M/P19494	QM/8040/32	PQA/182040/40	QA/8040/33	M/P40311
50	QA/8050/27	QA/8040/41	M/P19933	M/P19495	QM/8050/32	PQA/182050/40	QA/8050/33	M/P40312
63	QA/8063/27	QA/8063/41	M/P19934	M/P19496	QM/8050/32	PQA/182063/40	QA/8063/33	M/P40313
80	QA/8080/27	QA/8063/41	M/P19935	M/P19497	QM/8080/32	PQA/182080/40	QA/8080/33	M/P40314
100	QA/8100/27	QA/8100/41	M/P19936	M/P19498	QM/8080/32	PQA/182100/40	QA/8100/33	M/P40315
125	QM/8125/27	QA/8100/41	M/P19937	M/P19499	QM/8125/32	PQA/182125/40	QM/8125/33	M/P71355
160	QM/8160/27	QA/8160/41	M/P19938	M/P19679	QM/8160/32	QM/8160/40	QM/8160/33	M/P71356
200	QM/8200/27	QA/8160/41	M/P19939	M/P19683	QM/8160/32	QM/8200/40	QM/8200/33	M/P71357
250	—	—	—	M/P19446	QM/8250/32	—	QM/8250/33	—
320	—	—	—	M/P19447	QM/8320/32	—	QM/8320/33	—

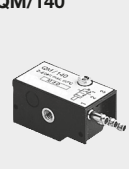
Guide blocks

	Guide blocks - plain bearings	Guide blocks - roller bearings	Guide blocks - plain bearings, long coupling	Guide blocks - plain bearings, short coupling
				
Cyl. Ø	19	19	19	19
	Page 15	Page 16	Page 18	Page 18
32	QA/8032/51/*	QA/8032/61/*	QA/8032/81/*	QA/8032/85/*
40	QA/8040/51/*	QA/8040/61/*	QA/8040/81/*	QA/8040/85/*
50	QA/8050/51/*	QA/8050/61/*	QA/8050/81/*	QA/8050/85/*
63	QA/8063/51/*	QA/8063/61/*	QA/8063/81/*	QA/8063/85/*
80	QA/8080/51/*	QA/8080/61/*	QA/8080/81/*	QA/8080/85/*
100	QA/8100/51/*	QA/8100/61/*	QA/8100/81/*	QA/8100/85/*

* Insert standard stroke length: 50, 100, 160, 200, 250, 320, 400 and 500 mm, use nearest standard stroke.

Accessories

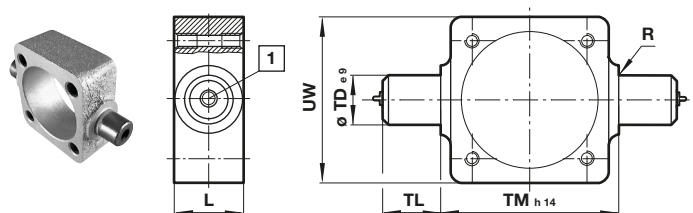
Magnetically operated switches

	M/50/**	Switch mounting brackets for M/50	TQM/31, QM/32, QM/132	Switch mounting brackets for TQM/31, QM/32, QM/132	QM/140	Switch mounting brackets for QM/140
						
Cyl. Ø		23				
	Page 20 & 21	Page 21	Page 22	Page 22	Page 23	Page 23
32		QM/27/2/1		QM/31/032/22		QM/140/010/22
40		QM/27/2/1		QM/31/032/22		QM/1w40/010/22
50		QM/27/2/1		QM/31/032/22		QM/140/010/22
63		QM/27/2/1		QM/31/032/22		QM/140/010/22
80		QM/27/2/1		QM/31/080/22		QM/140/010/22
100		QM/27/2/1		QM/31/080/22		QM/140/010/22
125		QM/27/2/1		QM/31/080/22		—
160		QM/27/2/1		QM/31/160/22		—
200		QM/27/2/1		QM/31/160/22		—
250		—		QM/31/250/22		—
320		—		QM/31/320/22		—

Service kit

	Service kit
	
Cyl. Ø	
32	QA/8032/00
40	QA/8040/00
50	QA/8050/00
63	QA/8063/00
80	QA/8080/00
100	QA/8100/00
125	QA/8125/00
160	QA/8160/00
200	QA/8200/00
250	QA/8250/00
320	QA/8320/00

Centre trunnion – H Conforms to ISO 15552, type MT4

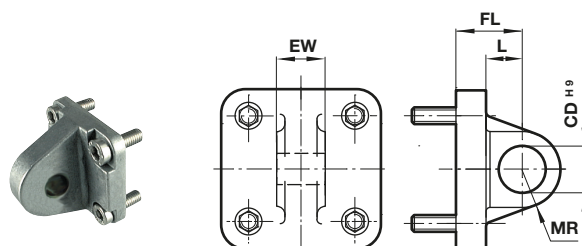


1 Grease nipple up to Ø 125 mm

Ø	L	R	Ø TD e9	TL	TM h14	UW	XV min.	XV max.	kg	Model (H)
32	20	1	12	12	50	50	66	80	0,16	QA/8032/28
40	24	1,6	16	16	63	58	76	89	0,35	QA/8040/28
50	28	1,6	16	16	75	70	82	98	0,65	QA/8050/28
63	28	1,6	20	20	90	80	88	107	0,85	QA/8063/28
80	28	1,6	20	20	110	100	97	123	1,2	QA/8080/28
100	38	2	25	25	132	126	107	128	2,3	QA/8100/28
125	50	2	25	25	160	152	136	154	3,3	QM/8125/28
160	50	2,5	32	32	200	192	155	185	5,3	QM/8160/28
200	50	2,5	32	32	250	240	170	200	9,4	QM/8200/28
250	60	3,2	40	40	320	318	193	217	18	QM/8250/28
320	70	3,2	50	50	400	400	215	245	30	QM/8320/28

Note: Style 'H': These mountings are only supplied assembled complete with the cylinder. Unless otherwise specified, units will be supplied with dimension 'XV' plus half the stroke length. 'XV' = Distance from the piston rod shoulder to the centre of the mounting.

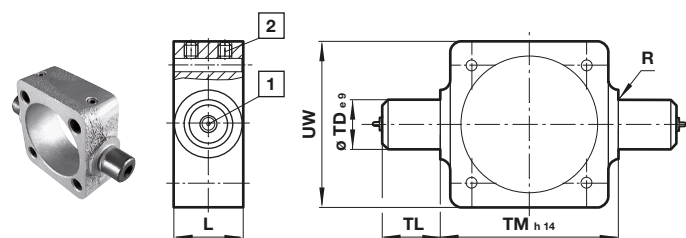
Rear eye R Conforms to ISO 15552, type MP4



Ø	Ø CD H9	EW	FL	L	MR	kg	Model (R)
32	10	25,8	22	13	9	0,09	QA/8032/27
40	12	27,8	25	16	12	0,11	QA/8040/27
50	12	31,7	27	17	12	0,17	QA/8050/27
63	16	39,7	32	22	15	0,24	QA/8063/27
80	16	49,7	36	22	15	0,37	QA/8080/27
100	20	59,7	41	27	20	0,59	QA/8100/27
125	25	69,7	50	33	25	3,20	QM/8125/27
160	30	89,7	55	35,5	30	6,1	QM/8160/27
200	30	89,7	60	37	30	6,8	QM/8200/27

Adjustable trunnion mounting UH Conforms to ISO 15552, type MT4

Dimensions in mm
Projection/First angle



1 Grease nipple up to Ø 125 mm

2 Locking screws

Torque max: Ø 32 & 40 mm = 6 Nm; Ø 50 & 63 mm = 10 Nm;

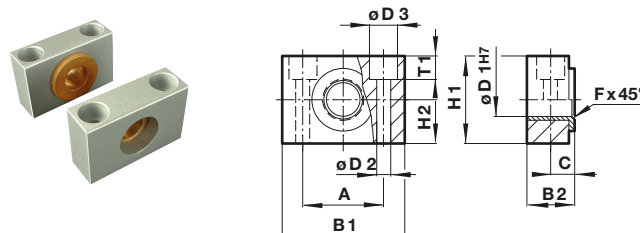
Ø 80 & 100 mm = 15 Nm; Ø 125 mm = 25 Nm; Ø 160 & 200 mm = 40 Nm

Ø	L	R	Ø TD e9	TL	TM h14	UW	XV min.	XV max.	kg	Model (UH)
32	20	1	12	12	50	50	66	80	0,16	QA/8032/40
40	24	1,6	16	16	63	58	76	89	0,35	QA/8040/40
50	28	1,6	16	16	75	70	82	98	0,65	QA/8050/40
63	28	1,6	20	20	90	80	88	107	0,85	QA/8063/40
80	28	1,6	20	20	110	100	97	123	1,2	QA/8080/40
100	38	2	25	25	132	126	112	128	2,3	QA/8100/40
125	50	2	25	25	160	152	136	154	3,3	QM/8125/40
160	50	2,5	32	32	200	192	155	185	5,3	QM/8160/40
200	50	2,5	32	32	250	240	170	200	9,4	QM/8200/40

Style 'UH': It is most important that the locking screws which secure the mounting to the tie rod are tightened to the torque figures shown in the table below. For maximum energy input, consult our Technical Service.

Unless otherwise specified, units will be supplied with dimension 'XV' plus half the stroke length. 'XV' = Distance from the piston rod shoulder to the centre of the mounting.

Trunnion support S Conforms to ISO 15552, type AT4



Ø	A	B 1	B 2	C	Ø D1H7	Ø D2	Ø D3	F x 45°	H 1	H 2	T 1	kg	Model (S)
32	32	46	18	10,5	12	6,6	11	1	30	15	6,8	0,10	QA/8032/41
40/50	36	55	21	12	16	9	15	1,6	36	18	9	0,14	QA/8040/41
63/80	42	65	23	13	20	11	18	1,6	40	20	11	0,18	QA/8063/41
100/125	50	75	28,5	16	25	14	20	2	50	25	13	0,34	QA/8100/41
160/200	60	92	39	21,5	32	18	26	2,5	60	25	15,5	1,9	QA/8160/41