



Body Size

3/8" up to 1"

Screw-to-Connect

QHPA-Series**Technical Description**

Screw-to-connect type of coupling according to ISO 14541 for difficult applications. Rugged, modular construction in steel, working up to 450 bar.

Advantages

Self locking threads and external seal to prevent accidental disconnection. Connectable under residual pressure up to 50 bar. NBR seals and back-up ring in PTFE to withstand pressure impulses.

Sleeve mounted on the male tip to protect the sealing area. Three-part poppet style valving with a molded shaped seal to prevent seal washout at high flow rates.

Applications

- Agricultural and mobile equipment
- Rock hammers
- Forestry equipments

- Snow groomers
- Excavators

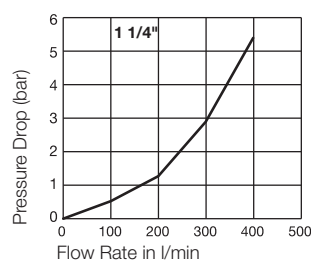
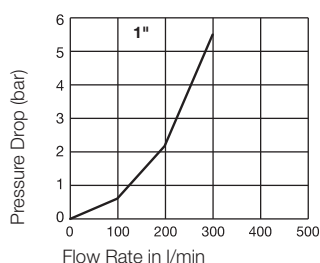
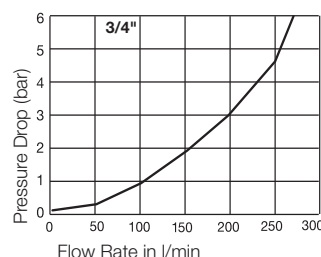
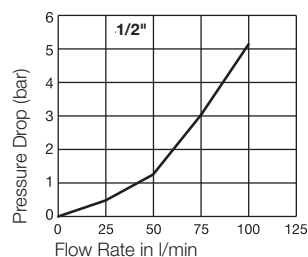
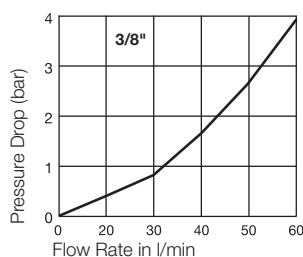
Working Pressure

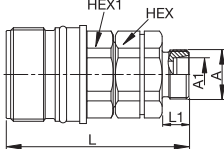
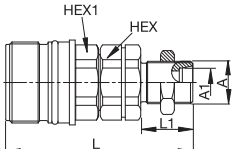
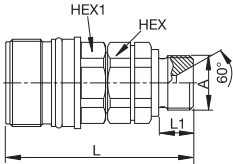
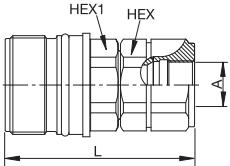
3/8"	450 bar
1/2"	400 bar
3/4"	380 bar
1"	370 bar
1 1/4"	300 bar

Working Temperature

-25°C up to +110°C (NBR) depending on the medium.

Material Coupling	Standard
Valve Body	Steel, silver plated, ZnNi plating for 3/4" size
Back Body	Steel, silver plated, ZnNi plating for 3/4" size
Back-up Ring	PTFE
Valve	Steel, silver plated, ZnNi plating for 3/4" size
Springs	Steel
Seals	NBR
Valve Holder	Steel
Material Plug	Standard
Plug Body	Steel, silver plated, ZnNi plating for 3/4" size
Valve	Steel, silver plated
Springs	Steel
Seals	NBR
Valve Holder	Steel, silver plated, Brass for 3/4" size
Sleeve	Steel, silver plated, ZnNi plating for 3/4" size

Flow Capacity with Oil with Viscosity of 43cSt at 38°C as per ISO 7241/2-2000

	Size	Body Size	Interface thread	Connection A	Tube O/D A1	Hex mm	Hex1 mm	L mm	L1 mm	D mm	Version	Weight gr.	Part Number
 Male Thread 24° cone – DIN 2353	2	3/8"	M28	M 14 x 1,5	8	22	24	62	10		Light Series	147	QHPA53-D6X2-C
	2	3/8"	M28	M 16 x 1,5	10	22	24	63	11		Light Series	148	QHPA53-D6X3-C
	2	3/8"	M28	M 18 x 1,5	10	22	30	64	12		Heavy Series	154	QHPA53-D7X3-C
	2	3/8"	M28	M 20 x 1,5	12	22	24	64	12		Heavy Series	156	QHPA53-D7X4-C
	3	1/2"	M36	M 18 x 1,5	12	30	30	68	11		Light Series	285	QHPA54-D6X4-C
	3	1/2"	M36	M 22 x 1,5	15	30	30	69	12		Light Series	290	QHPA54-D6X5-C
	3	1/2"	M36	M 22 x 1,5	14	30	30	71	14		Heavy Series	277	QHPA54-D7X5-C
	3	1/2"	M36	M 24 x 1,5	16	30	30	71	14		Heavy Series	298	QHPA54-D7X6-C
	6	1"	M48	M 26 x 1,5	18	41	41	95	12		Light Series	729	QHPA56-D6X6-C
	6	1"	M48	M 30 x 2	22	41	41	97	14		Light Series	736	QHPA56-D6X7-C
	6	1"	M48	M 30 x 2	20	41	41	99	16		Heavy Series	747	QHPA56-D7X7-C
	6	1"	M48	M 36 x 2	25	41	41	101	18		Heavy Series	765	QHPA56-D7X8-C
	8	1 1/4"	M70	M 42 x 2	30	55	65	114	20		Heavy Series	1572	QHPA58-D7X9-C
 Male Thread 24° cone – DIN 2353 Bulkhead	2	3/8"	M28	M 14 x 1,5	8	22	24	76	25		Light Series	167	QHPA53-E6X2-C
	2	3/8"	M28	M 16 x 1,5	10	22	24	78	26		Light Series	179	QHPA53-E6X3-C
	2	3/8"	M28	M 20 x 1,5	12	22	24	78	27		Heavy Series	198	QHPA53-E7X4-C
	3	1/2"	M36	M 18 x 1,5	12	30	30	87	30		Light Series	313	QHPA54-E6X4-C
	3	1/2"	M36	M 22 x 1,5	15	30	30	84	27		Light Series	337	QHPA54-E6X5-C
	3	1/2"	M36	M 24 x 1,5	16	30	30	86	29		Heavy Series	356	QHPA54-E7X6-C
	4	3/4"	M42	M 36 x 2	25	41	40	101	38			700	QHPA55-E7X8-C
	6	1"	M48	M 26 x 1,5	18	41	41	115	32		Light Series	822	QHPA56-E6X6-C
	6	1"	M48	M 30 x 2	20	41	41	121	38		Heavy Series	865	QHPA56-E7X7-C
	6	1"	M48	M 36 x 2	25	41	41	121	38		Heavy Series	918	QHPA56-E7X8-C
	8	1 1/4"	M70	M 42 x 2	30	55	65	134	40		Heavy Series	1757	QHPA58-E7X9-C
 Male BSPP Thread – DIN 3852 Form B	2	3/8"	M28	3/8"		22	24	66	12			183	QHPA53-F4B3-C
	3	1/2"	M36	1/2"		30	30	72	12			301	QHPA54-F4B4-C
	4	3/4"	M42	3/4"		36	40	94	16			550	QHPA55-F4B6-C
 Female BSPP Thread – DIN 3852 Form Y	2	3/8"	M28	3/8"		22	24	67				155	QHPA53-G4X3-C
	3	1/2"	M36	1/2"		30	30	73				311	QHPA54-G4X4-C
	4	3/4"	M42	3/4"		36	40	77				480	QHPA55-G4X6-C
	6	1"	M48	3/4"		41	41	96				838	QHPA56-G4X6-C
	6	1"	M48	1"		41	41	101				786	QHPA56-G4X8-C