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ASK HILTI | piotr.pienkowski@pmgroup-global.com

ANCHOR

Calculate all

Adhesive

- HUS4-H Bonded Screw
- HUS4-C Bonded Screw

Type: HIT-HY 200-A V3 + HAS-U ...

Size: M20

View ETA

Anchor rod item #: 2223887 HAS-U 8.8 M20x260

Adhesive item #: 2378171 HIT-HY 200-A V3

Embedment depth h_{ef} : 150 mm

Design loads / Sustained loads

N°	Name	Type	Loads	Forces [kN]			Moments [kNm]			Utilization			
				Vx	Vy	N	Mx	My	Mz	T	S	C	Max
1	LC4		Design	100	5	5	0	0	0	4%	215%	182%	215%
			Sustained			0	0	0					
2	Combination 1		Design	100	5	5	0	0	0	4%	215%	182%	215%
			Sustained										

ANCHOR LOA... (load comb. n°3)

Anchor	N [kN]	Vx [kN]	Vy [kN]
1	1.25	25	1.25
2	1.25	25	1.25
3	1.25	25	1.25
4	1.25	25	1.25

ANCHOR DES... (load comb. n°3)

Tension

- Concrete breakout: 4%

Shear

- Steel: 32%
- Concrete edge breakout: 215%
- Pryout: 36%

Combination

- Concrete: 182%

MESSAGES

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N°	Name	Type	Loads	Forces [kN]			Moments [kNm]			Utilization			
				Vx	Vy	N	Mx	My	Mz	T	S	C	Max
1	LC4		Design	100	5	5	0	0	0	4%	38%	24%	38%
			Sustained			0	0	0					
2	Combination 1		Design	100	5	5	0	0	0	4%	38%	24%	38%
			Sustained										

ANCHOR LOA... (load comb. n°3)

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ANCHOR DES... (load comb. n°3)

Tension

- Concrete breakout: 4%

Shear

- Steel: 32%
- Concrete edge breakout: 38%
- Pryout: 36%

Combination

- Concrete: 24%

MESSAGES